Women's 100m Hurdles Touchdown Times - by time

LAST UPDATE: 20-May-25

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.50	3.50	4.43	5.37	6.27	7.20	8.12	9.07	10.02	11.01		12.06	4 / 1			
reaction time	0.130	interval		1.00	0.93	0.94	0.90	0.93	0.92	0.95	0.95	0.99	1.05			2.87	2.75	2.89
wind	2.5 m/s	velocity	5.20	8.50	9.14	9.04	9.44	9.14	9.24	8.95	8.95	8.59	9.57	8.29		8.89	9.27	8.82

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.54	3.50	4.48	5.40	6.31	7.22	8.18	9.13	10.09	11.06		12.12	4 / 1			
reaction time	0.144	interval		0.96	0.98	0.92	0.91	0.91	0.96	0.95	0.96	0.97	1.06	WR		2.86	2.78	2.88
wind	0.9 m/s	velocity	5.12	8.85	8.67	9.24	9.34	9.34	8.85	8.95	8.85	8.76	9.48	8.25		8.92	9.17	8.85

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Bermuda Grand Prix (Devonshire, BER) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	21-May-23	time	2.50	3.52	4.46	5.40	6.32	7.25	8.19	9.13	10.10	11.06		12.17	5 / 1			
reaction time	0.153	interval		1.02	0.94	0.94	0.92	0.93	0.94	0.94	0.97	0.96	1.11			2.90	2.79	2.87
wind	3.5 m/s	velocity	5.20	8.33	9.04	9.04	9.24	9.14	9.04	9.04	8.76	8.85	9.05	8.22		8.79	9.14	8.89

Russell, Masai (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis)															*Henson (2025) - Athlete First: 2025 year end hurdle report*			
date	02-May-25	time	2.54	3.54	4.53	5.50	6.44	7.37	8.31	9.24	10.20	11.15		12.17	4 / 1			
reaction time	0.160	interval		1.00	0.99	0.97	0.94	0.93	0.94	0.93	0.96	0.95	1.02	AR		2.96	2.81	2.84
wind	2.0 m/s	velocity	5.12	8.50	8.59	8.76	9.04	9.14	9.04	9.14	8.85	8.95	9.85	8.22		8.61	9.07	8.98

Jones, Tia (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis)															*Henson (2025) - Athlete First: 2025 year end hurdle report*			
date	02-May-25	time	2.54	3.54	4.51	5.44	6.38	7.32	8.26	9.20	10.16	11.13		12.19	1 / 2			
reaction time	0.160	interval		1.00	0.97	0.93	0.94	0.94	0.94	0.94	0.96	0.97	1.06	PB		2.90	2.82	2.87
wind	2.0 m/s	velocity	5.12	8.50	8.76	9.14	9.04	9.04	9.04	9.04	8.85	8.76	9.48	8.20		8.79	9.04	8.89

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 London Anniversary Games (London, GBR)															*Vazel (2016) - Analysis of Keni Harrison's World Record 100m Hurdles Race*			
date	22-Jul-16	time	2.49	3.49	4.45	5.40	6.33	7.27	8.21	9.15	10.11	11.10		12.20	4 / 1			
reaction time	0.143	interval		1.00	0.96	0.95	0.93	0.94	0.94	0.94	0.96	0.99	1.10	WR		2.91	2.81	2.89
wind	0.3 m/s	velocity	5.22	8.50	8.85	8.95	9.14	9.04	9.04	9.04	8.85	8.59	9.55	8.20		8.76	9.07	8.82

Donkova, Yordanka (BUL) (1961)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 (Stara Zagova, BUL)															*Vazel (2016) - Analysis of Keni Harrison's World Record 100m Hurdles Race*			
date	20-Aug-88	time	2.50	3.49	4.42	5.34	6.24	7.19	8.16	9.14	10.11	11.14		12.21	/ 1			
reaction time		interval		0.99	0.93	0.92	0.90	0.95	0.97	0.98	0.97	1.03	1.07	WR		2.84	2.82	2.98
wind	0.7 m/s	velocity	5.20	8.59	9.14	9.24	9.44	8.95	8.76	8.67	8.76	8.25	9.81	8.19		8.98	9.04	8.56

Anderson, Britany (JAM) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.49	3.48	4.43	5.36	6.31	7.24	8.20	9.18	10.15	11.15		12.23	5 / 2			
reaction time	0.129	interval		0.99	0.95	0.93	0.95	0.93	0.96	0.98	0.97	1.00	1.08			2.87	2.84	2.95
wind	2.5 m/s	velocity	5.22	8.59	8.95	9.14	8.95	9.14	8.85	8.67	8.76	8.50	9.31	8.18		8.89	8.98	8.64

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.52	3.55	4.52	5.45	6.37	7.31	8.24	9.19	10.13	11.11		12.23	7 / 3			
reaction time	0.127	interval		1.03	0.97	0.93	0.92	0.94	0.93	0.95	0.94	0.98	1.12			2.93	2.79	2.87
wind	2.5 m/s	velocity	5.16	8.25	8.76	9.14	9.24	9.04	9.14	8.95	9.04	8.67	8.97	8.18		8.70	9.14	8.89

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)															*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	28-May-16	time	2.42	3.42	4.38	5.32	6.26	7.22	8.14	9.10	10.06	11.02		12.24	6 / 1			
reaction time		interval		1.00	0.96	0.94	0.94	0.96	0.92	0.96	0.96	0.96	1.22	AR PB		2.90	2.82	2.88
wind	0.7 m/s	velocity	5.37	8.50	8.85	9.04	9.04	8.85	9.24	8.85	8.85	8.85	8.61	8.17		8.79	9.04	8.85

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.50	3.47	4.44	5.39	6.31	7.26	8.21	9.15	10.12	11.11		12.24	4 / 1			
reaction time	0.155	interval		0.97	0.97	0.95	0.92	0.95	0.95	0.94	0.97	0.99	1.13			2.89	2.82	2.90
wind	0.1 m/s	velocity	5.20	8.76	8.76	8.95	9.24	8.95	8.95	9.04	8.76	8.59	8.89	8.17		8.82	9.04	8.79

Nugent, Ackera (JAM) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)															*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	2.40	3.42	4.37	5.31	6.27	7.21	8.16	9.12	10.08	11.06		12.24	7 / 1			
reaction time	0.153	interval		1.02	0.95	0.94	0.96	0.94	0.95	0.96	0.96	0.98	1.18	NR PB		2.91	2.85	2.90
wind	-0.4 m/s	velocity	5.42	8.33	8.95	9.04	8.85	9.04	8.95	8.85	8.85	8.67	8.52	8.17		8.76	8.95	8.79

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Zagorcheva, Ginka (BUL) (1958)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1987 Greece vs. Bulgaria vs.USSR (Drama, GRE)															*Bondarchuk (2007) - transfer of training in sports*			
date	08-Aug-87	time	2.49	3.47	4.42	5.39	6.33	7.26	8.17	9.15	10.15	11.17		12.25	/ 1			
reaction time		interval		0.98	0.95	0.97	0.94	0.93	0.91	0.98	1.00	1.02	1.08	WR		2.90	2.78	3.00
wind	1.4 m/s	velocity	5.22	8.67	8.95	8.76	9.04	9.14	9.34	8.67	8.50	8.33	9.72	8.16		8.79	9.17	8.50

Nugent, Ackera (JAM) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	10-Jun-23	time	2.44	3.42	4.39	5.32	6.27	7.20	8.15	9.10	10.09	11.08		12.25	6 / 1			
reaction time		interval		0.98	0.97	0.93	0.95	0.93	0.95	0.95	0.99	0.99	1.17			2.88	2.83	2.93
wind	3.8 m/s	velocity	5.33	8.67	8.76	9.14	8.95	9.14	8.95	8.95	8.59	8.59	8.59	8.16		8.85	9.01	8.70

Russell, Masai (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	30-Jun-24	time	2.54	3.55	4.55	5.51	6.46	7.39	8.35	9.29	10.23	11.19		12.25	4 / 1			
reaction time		interval		1.01	1.00	0.96	0.95	0.93	0.96	0.94	0.94	0.96	1.06	PB		2.97	2.84	2.84
wind	0.7 m/s	velocity	5.12	8.42	8.50	8.85	8.95	9.14	8.85	9.04	9.04	8.85	9.48	8.16		8.59	8.98	8.98

Donkova, Yordanka (BUL) (1961)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1986 Balkan Games (Ljubljana, YUG)															*Čoh (1987) Analiza svetovnega rekorda teka na 100m z ovirami Jordanke Donkove*			
date	07-Sep-86	time	2.43	3.43	4.39	5.36	6.31	7.26	8.22	9.19	10.16	11.17		12.26	/ 1			
reaction time		interval		1.00	0.96	0.97	0.95	0.95	0.96	0.97	0.97	1.01	1.09	WR		2.93	2.86	2.95
wind	1.5 m/s	velocity	5.35	8.50	8.85	8.76	8.95	8.95	8.85	8.76	8.76	8.42	9.63	8.16		8.70	8.92	8.64

Rollins, Brianna (USA) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2013 USATF National Championships (Des Moines, IA)															*(2015.9.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	22-Jun-13	time	2.52	3.52	4.48	5.43	6.37	7.33	8.27	9.25	10.20	11.18		12.26	4 / 1			
reaction time		interval		1.00	0.96	0.95	0.94	0.96	0.94	0.98	0.95	0.98	1.08	AR		2.91	2.84	2.91
wind	1.2 m/s	velocity	5.16	8.50	8.85	8.95	9.04	8.85	9.04	8.67	8.95	8.67	9.72	8.16		8.76	8.98	8.76

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	01-Aug-21	time	2.53	3.53	4.49	5.44	6.38	7.31	8.25	9.21	10.17	11.17		12.26	7 / 1			
reaction time	0.175	interval		1.00	0.96	0.95	0.94	0.93	0.94	0.96	0.96	1.00	1.09	OR AR PB		2.91	2.81	2.92
wind	-0.2 m/s	velocity	5.14	8.50	8.85	8.95	9.04	9.14	9.04	8.85	8.85	8.50	9.22	8.16		8.76	9.07	8.73

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	24-Jul-22	time	2.46	3.48	4.43	5.36	6.30	7.23	8.15	9.13	10.10	11.08		12.27	6 / 2			
reaction time	0.155	interval		1.02	0.95	0.93	0.94	0.93	0.92	0.98	0.97	0.98	1.19			2.90	2.79	2.93
wind	0.9 m/s	velocity	5.28	8.33	8.95	9.14	9.04	9.14	9.24	8.67	8.76	8.67	8.45	8.15		8.79	9.14	8.70

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	08-Aug-22	time	2.47	3.50	4.47	5.43	6.35	7.30	8.25	9.20	10.13	11.13		12.27	5 / 1			
reaction time	0.114	interval		1.03	0.97	0.96	0.92	0.95	0.95	0.95	0.93	1.00	1.14			2.96	2.82	2.88
wind	2.4 m/s	velocity	5.26	8.25	8.76	8.85	9.24	8.95	8.95	8.95	9.14	8.50	8.82	8.15		8.61	9.04	8.85

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	02-Sep-22	time	2.44	3.44	4.40	5.35	6.28	7.22	8.19	9.13	10.09	11.07		12.27	4 / 1			
reaction time	0.166	interval		1.00	0.96	0.95	0.93	0.94	0.97	0.94	0.96	0.98	1.20			2.91	2.84	2.88
wind	0.1 m/s	velocity	5.33	8.50	8.85	8.95	9.14	9.04	8.76	9.04	8.85	8.67	8.38	8.15		8.76	8.98	8.85

Narozhilenko, Ludmila (URS) (1964)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1991 USSR National championships (Kiev, URS)															*Stepanov (2004) - speed and (or?) technique: gail devers and others (in Jarver (ed) - the hurdles, 2004)*			
date	11-Jul-91	time	2.58	3.57	4.54	5.50	6.44	7.38	8.33	9.30	10.28	11.28		12.28	/ 1			
reaction time		interval		0.99	0.97	0.96	0.94	0.94	0.95	0.97	0.98	1.00	1.00	PB		2.92	2.83	2.95
wind	1.8 m/s	velocity	5.04	8.59	8.76	8.85	9.04	9.04	8.95	8.76	8.67	8.50	10.50	8.14		8.73	9.01	8.64

Pearson, Sally (AUS) (1986)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2011 IAAF World Championships (Daegu, KOR)															*KSSB (2011) - biomechanical analysis of women's 100m hurdle*			
date	03-Sep-11	time	2.53	3.52	4.49	5.42	6.37	7.31	8.27	9.22	10.21	11.20		12.28	3 / 1			
reaction time	0.145	interval		0.99	0.97	0.93	0.95	0.94	0.96	0.95	0.99	0.99	1.08	CR / AR		2.89	2.85	2.93
wind	1.1 m/s	velocity	5.14	8.59	8.76	9.14	8.95	9.04	8.85	8.95	8.59	8.59	9.72	8.14		8.82	8.95	8.70

Nugent, Ackera (JAM) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Jamaican National Senior Championships (Kingston, JAM) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.53	3.53	4.50	5.47	6.41	7.35	8.30	9.27	10.24	11.22		12.28	3 / 1			
reaction time	0.145	interval		1.00	0.97	0.97	0.94	0.94	0.95	0.97	0.97	0.98	1.06	NR PB		2.94	2.83	2.92
wind	0.1 m/s	velocity	5.14	8.50	8.76	8.76	9.04	9.04	8.95	8.76	8.76	8.67	9.48	8.14		8.67	9.01	8.73

Jones, Lolo (USA) (1982)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 USA Olympic Trials (Eugene, OR)															*USATF Hurdle Development (2008)*			
date	06-Jul-08	time	2.56	3.53	4.48	5.45	6.38	7.32	8.25	9.22	10.19	11.21		12.29	4 / 1			
reaction time		interval		0.97	0.95	0.97	0.93	0.94	0.93	0.97	0.97	1.02	1.08			2.89	2.80	2.96
wind	3.8 m/s	velocity	5.08	8.76	8.95	8.76	9.14	9.04	9.14	8.76	8.76	8.33	9.72	8.14		8.82	9.11	8.61

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	08-Sep-22	time	2.47	3.47	4.43	5.37	6.31	7.24	8.19	9.14	10.12	11.10		12.29	4 / 1			
reaction time	0.163	interval		1.00	0.96	0.94	0.94	0.93	0.95	0.95	0.98	0.98	1.19			2.90	2.82	2.91
wind	-0.3 m/s	velocity	5.26	8.50	8.85	9.04	9.04	9.14	8.95	8.95	8.67	8.67	8.45	8.14		8.79	9.04	8.76

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 UNF East Coast Relays (Jacksonville, FL)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	29-Apr-23	time	2.56	3.60	4.56	5.50	6.43	7.35	8.30	9.25	10.20	11.20		12.29	5 / 1			
reaction time		interval		1.04	0.96	0.94	0.93	0.92	0.95	0.95	0.95	1.00	1.09			2.94	2.80	2.90
wind	3.2 m/s	velocity	5.08	8.17	8.85	9.04	9.14	9.24	8.95	8.95	8.95	8.50	9.22	8.14		8.67	9.11	8.79

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	24-Jun-23	time	2.53	3.57	4.52	5.45	6.40	7.34	8.28	9.24	10.21	11.20		12.29	5 / 1			
reaction time	0.151	interval		1.04	0.95	0.93	0.95	0.94	0.94	0.96	0.97	0.99	1.09			2.92	2.83	2.92
wind	2.8 m/s	velocity	5.14	8.17	8.95	9.14	8.95	9.04	9.04	8.85	8.76	8.59	9.22	8.14		8.73	9.01	8.73

Nugent, Ackera (JAM) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	2.40	3.42	4.38	5.32	6.25	7.17	8.13	9.11	10.10	11.08		12.29	5 / 1			
reaction time	0.147	interval		1.02	0.96	0.94	0.93	0.92	0.96	0.98	0.99	0.98	1.21			2.92	2.81	2.95
wind	-0.5 m/s	velocity	5.42	8.33	8.85	9.04	9.14	9.24	8.85	8.67	8.59	8.67	8.31	8.14		8.73	9.07	8.64

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	07-Aug-22	time	2.48	3.48	4.44	5.38	6.34	7.28	8.22	9.18	10.16	11.16		12.30	5 / 1			
reaction time	0.126	interval		1.00	0.96	0.94	0.96	0.94	0.94	0.96	0.98	1.00	1.14			2.90	2.84	2.94
wind	-0.2 m/s	velocity	5.24	8.50	8.85	9.04	8.85	9.04	9.04	8.85	8.67	8.50	8.82	8.13		8.79	8.98	8.67

Johnson, Alaysha (USA) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	24-Jun-23	time	2.55	3.57	4.53	5.47	6.42	7.34	8.29	9.27	10.24	11.22		12.30	4 / 2			
reaction time	0.206	interval		1.02	0.96	0.94	0.95	0.92	0.95	0.98	0.97	0.98	1.08			2.92	2.82	2.93
wind	2.8 m/s	velocity	5.10	8.33	8.85	9.04	8.95	9.24	8.95	8.67	8.76	8.67	9.31	8.13		8.73	9.04	8.70

Ali, Nia (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)															*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	2.40	3.42	4.39	5.35	6.30	7.25	8.20	9.15	10.13	11.11		12.30	5 / 1			
reaction time	0.153	interval		1.02	0.97	0.96	0.95	0.95	0.95	0.95	0.98	0.98	1.19	PB		2.95	2.85	2.91
wind	0.6 m/s	velocity	5.42	8.33	8.76	8.85	8.95	8.95	8.95	8.95	8.67	8.67	8.45	8.13		8.64	8.95	8.76

Nugent, Ackera (JAM) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	2.39	3.40	4.35	5.30	6.24	7.21	8.16	9.12	10.09	11.08		12.30	3 / 1			
reaction time	0.140	interval		1.01	0.95	0.95	0.94	0.97	0.95	0.96	0.97	0.99	1.22			2.91	2.86	2.92
wind	0.6 m/s	velocity	5.44	8.42	8.95	8.95	9.04	8.76	8.95	8.85	8.76	8.59	8.24	8.13		8.76	8.92	8.73

Anderson, Britany (JAM) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	24-Jul-22	time	2.50	3.50	4.46	5.42	6.34	7.30	8.26	9.23	10.20	11.20		12.31	3 / 1			
reaction time	0.143	interval		1.00	0.96	0.96	0.92	0.96	0.96	0.97	0.97	1.00	1.11	NR PB		2.92	2.84	2.94
wind	0.3 m/s	velocity	5.20	8.50	8.85	8.85	9.24	8.85	8.85	8.76	8.76	8.50	9.05	8.12		8.73	8.98	8.67

Armstrong, Alia (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.44	3.45	4.42	5.36	6.30	7.25	8.21	9.21	10.20	11.23		12.31	6 / 4			
reaction time	0.125	interval		1.01	0.97	0.94	0.94	0.95	0.96	1.00	0.99	1.03	1.08			2.92	2.85	3.02
wind	2.5 m/s	velocity	5.33	8.42	8.76	9.04	9.04	8.95	8.85	8.50	8.59	8.25	9.31	8.12		8.73	8.95	8.44

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	27-May-23	time	2.50	3.52	4.50	5.44	6.38	7.32	8.28	9.24	10.19	11.16		12.31	5 / 1			
reaction time	0.158	interval		1.02	0.98	0.94	0.94	0.94	0.96	0.96	0.95	0.97	1.15			2.94	2.84	2.88
wind	-0.2 m/s	velocity	5.20	8.33	8.67	9.04	9.04	9.04	8.85	8.85	8.95	8.76	8.74	8.12		8.67	8.98	8.85

Harrison, Kendra (Keni) (USA) (1992	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2023) - diamond league race analysis*

date	21-Jul-23	time	2.42	3.44	4.42	5.36	6.30	7.24	8.18	9.13	10.10	11.09		12.31	4 / 2			
reaction time	0.165	interval		1.02	0.98	0.94	0.94	0.94	0.94	0.95	0.97	0.99	1.22			2.94	2.82	2.91
wind	0.6 m/s	velocity	5.37	8.33	8.67	9.04	9.04	9.04	9.04	8.95	8.76	8.59	8.24	8.12		8.67	9.04	8.76

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24	time	2.54	3.54	4.52	5.46	6.42	7.34	8.30	9.26	10.23	11.22		12.31	5 / 1			
reaction time 0.150	interval		1.00	0.98	0.94	0.96	0.92	0.96	0.96	0.97	0.99	1.09	NR PB		2.92	2.84	2.92
wind 0.8 m/s	velocity	5.12	8.50	8.67	9.04	8.85	9.24	8.85	8.85	8.76	8.59	9.22	8.12		8.73	8.98	8.73

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 30-Jun-24	time	2.56	3.57	4.53	5.48	6.42	7.38	8.34	9.28	10.25	11.21		12.31	5 / 2			
reaction time	interval		1.01	0.96	0.95	0.94	0.96	0.96	0.94	0.97	0.96	1.10	PB		2.92	2.86	2.87
wind 0.7 m/s	velocity	5.08	8.42	8.85	8.95	9.04	8.85	8.85	9.04	8.76	8.85	9.14	8.12		8.73	8.92	8.89

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 30-Jun-24	time	2.52	3.54	4.53	5.46	6.42	7.37	8.33	9.27	10.25	11.25		12.31	8 / 3			
reaction time	interval		1.02	0.99	0.93	0.96	0.95	0.96	0.94	0.98	1.00	1.06	PB		2.94	2.87	2.92
wind 0.7 m/s	velocity	5.16	8.33	8.59	9.14	8.85	8.95	8.85	9.04	8.67	8.50	9.48	8.12		8.67	8.89	8.73

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)													*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24	time	2.41	3.45	4.44	5.41	6.36	7.31	8.26	9.21	10.17	11.13		12.31	4 / 2			
reaction time 0.152	interval		1.04	0.99	0.97	0.95	0.95	0.95	0.95	0.96	0.96	1.18			3.00	2.85	2.87
wind -0.4 m/s	velocity	5.39	8.17	8.59	8.76	8.95	8.95	8.95	8.95	8.85	8.85	8.52	8.12		8.50	8.95	8.89

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 20-Jul-19	time	2.44	3.42	4.38	5.32	6.28	7.22	8.18	9.14	10.14	11.14		12.32	7 / 1			
reaction time 0.119	interval		0.98	0.96	0.94	0.96	0.94	0.96	0.96	1.00	1.00	1.18	AR PB		2.88	2.86	2.96
wind 0.8 m/s	velocity	5.33	8.67	8.85	9.04	8.85	9.04	8.85	8.85	8.50	8.50	8.90	8.12		8.85	8.92	8.61

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Tom Jones Invitational (Gainesville, FL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 17-Apr-21	time	2.43	3.43	4.43	5.40	6.37	7.30	8.24	9.20	10.17	11.17		12.32	6 / 1			
reaction time	interval		1.00	1.00	0.97	0.97	0.93	0.94	0.96	0.97	1.00	1.15	NR PB		2.97	2.84	2.93
wind 1.7 m/s	velocity	5.35	8.50	8.50	8.76	8.76	9.14	9.04	8.85	8.76	8.50	8.74	8.12		8.59	8.98	8.70

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Invitational FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Mar-22	time	2.54	3.52	4.45	5.40	6.34	7.27	8.24	9.21	10.18	11.18		12.32	5 / 1			
reaction time	interval		0.98	0.93	0.95	0.94	0.93	0.97	0.97	0.97	1.00	1.14			2.86	2.84	2.94
wind 3.9 m/s	velocity	5.12	8.67	9.14	8.95	9.04	9.14	8.76	8.76	8.76	8.50	8.82	8.12		8.92	8.98	8.67

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 24-Jul-22	time	2.53	3.53	4.53	5.46	6.43	7.38	8.32	9.26	10.23	11.21		12.32	5 / 2			
reaction time 0.126	interval		1.00	1.00	0.93	0.97	0.95	0.94	0.94	0.97	0.98	1.11			2.93	2.86	2.89
wind 0.3 m/s	velocity	5.14	8.50	8.50	9.14	8.76	8.95	9.04	9.04	8.76	8.67	9.05	8.12		8.70	8.92	8.82

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 10-Jun-23	time	2.44	3.44	4.47	5.45	6.40	7.35	8.30	9.26	10.22	11.20		12.32	4 / 2			
reaction time	interval		1.00	1.03	0.98	0.95	0.95	0.95	0.96	0.96	0.98	1.12			3.01	2.85	2.90
wind 3.8 m/s	velocity	5.33	8.50	8.25	8.67	8.95	8.95	8.95	8.85	8.85	8.67	8.97	8.12		8.47	8.95	8.79

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
University FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Mar-22	time	2.47	3.45	4.43	5.37	6.33	7.30	8.26	9.23	10.20	11.18		12.33	4 / 1			
reaction time	interval		0.98	0.98	0.94	0.96	0.97	0.96	0.97	0.97	0.98	1.15			2.90	2.89	2.92
wind 2.5 m/s	velocity	5.26	8.67	8.67	9.04	8.85	8.76	8.85	8.76	8.76	8.67	8.74	8.11		8.79	8.82	8.73

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 24-Jun-23	time	2.47	3.50	4.46	5.42	6.37	7.31	8.26	9.22	10.21	11.21		12.33	3 / 3			
reaction time 0.331	interval		1.03	0.96	0.96	0.95	0.94	0.95	0.96	0.99	1.00	1.12			2.95	2.84	2.95
wind 2.8 m/s	velocity	5.26	8.25	8.85	8.85	8.95	9.04	8.95	8.85	8.59	8.50	8.97	8.11		8.64	8.98	8.64

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			

date	23-Aug-23	time	2.50	3.48	4.45	5.39	6.32	7.25	8.21	9.18	10.15	11.15		12.33	7 / 1			
reaction time	0.142	interval		0.98	0.97	0.94	0.93	0.93	0.96	0.97	0.97	1.00	1.18			2.89	2.82	2.94
wind	0.5 m/s	velocity	5.20	8.67	8.76	9.04	9.14	9.14	8.85	8.76	8.76	8.50	8.52	8.11		8.82	9.04	8.67

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Prefontaine Classic (Eugene, OR) — *Omega Timing (2023) - diamond league race analysis*

date	17-Sep-23	time	2.42	3.44	4.41	5.37	6.30	7.24	8.18	9.14	10.10	11.09		12.33	4 / 1			
reaction time	0.134	interval		1.02	0.97	0.96	0.93	0.94	0.94	0.96	0.96	0.99	1.24			2.95	2.81	2.91
wind	1.8 m/s	velocity	5.37	8.33	8.76	8.85	9.14	9.04	9.04	8.85	8.85	8.59	8.10	8.11		8.64	9.07	8.76

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Olympic Games (Paris, FRA) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	10-Aug-24	time	2.53	3.55	4.56	5.52	6.48	7.44	8.38	9.34	10.29	11.27		12.33	5 / 1			
reaction time	0.137	interval		1.02	1.01	0.96	0.96	0.96	0.94	0.96	0.95	0.98	1.06			2.99	2.86	2.89
wind	-0.3 m/s	velocity	5.14	8.33	8.42	8.85	8.85	8.85	9.04	8.85	8.95	8.67	9.48	8.11		8.53	8.92	8.82

Zagorcheva, Ginka (BUL) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 IAAF World Championships (Rome, ITA) — *Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*

date	04-Sep-87	time	2.51	3.52	4.49	5.46	6.44	7.41	8.38	9.34	10.31	11.28		12.34	5 / 1			
reaction time		interval		1.01	0.97	0.97	0.98	0.97	0.97	0.96	0.97	0.97	1.06	CR		2.95	2.92	2.90
wind	-0.5 m/s	velocity	5.18	8.42	8.76	8.76	8.67	8.76	8.76	8.85	8.76	8.76	9.91	8.10		8.64	8.73	8.79

Rollins, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis) — *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	08-Jul-16	time	2.40	3.40	4.37	5.34	6.27	7.20	8.14	9.11	10.11	11.11		12.34	4 / 1			
reaction time	0.200	interval		1.00	0.97	0.97	0.93	0.93	0.94	0.97	1.00	1.00	1.23			2.94	2.80	2.97
wind	1.2 m/s	velocity	5.42	8.50	8.76	8.76	9.14	9.14	9.04	8.76	8.50	8.50	8.54	8.10		8.67	9.11	8.59

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 IAAF World Championships (Doha, QAT) — *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.43	3.44	4.41	5.37	6.32	7.28	8.23	9.19	10.19	11.16		12.34	4 / 1			
reaction time	0.155	interval		1.01	0.97	0.96	0.95	0.96	0.95	0.96	1.00	0.97	1.18	PB		2.94	2.86	2.93
wind	0.3 m/s	velocity	5.35	8.42	8.76	8.85	8.95	8.85	8.95	8.85	8.50	8.76	8.52	8.10		8.67	8.92	8.70

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	06-Jul-21	time	2.48	3.50	4.47	5.43	6.37	7.30	8.24	9.21	10.18	11.14		12.34	4 / 1			
reaction time	0.178	interval		1.02	0.97	0.96	0.94	0.93	0.94	0.97	0.97	0.96	1.20			2.95	2.81	2.90
wind	0.2 m/s	velocity	5.24	8.33	8.76	8.85	9.04	9.14	9.04	8.76	8.76	8.85	8.38	8.10		8.64	9.07	8.79

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	25-Jun-22	time	2.53	3.53	4.51	5.45	6.40	7.35	8.31	9.28	10.26	11.24		12.34	5 / 1			
reaction time		interval		1.00	0.98	0.94	0.95	0.95	0.96	0.97	0.98	0.98	1.10			2.92	2.86	2.93
wind	-1.4 m/s	velocity	5.14	8.50	8.67	9.04	8.95	8.95	8.85	8.76	8.67	8.67	9.14	8.10		8.73	8.92	8.70

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	26-Aug-22	time	2.43	3.47	4.44	5.40	6.34	7.27	8.24	9.20	10.17	11.14		12.34	4 / 1			
reaction time	0.152	interval		1.04	0.97	0.96	0.94	0.93	0.97	0.96	0.97	0.97	1.20			2.97	2.84	2.90
wind	-0.9 m/s	velocity	5.35	8.17	8.76	8.85	9.04	9.14	8.76	8.85	8.76	8.76	8.38	8.10		8.59	8.98	8.79

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL) — *Omega Timing (2023) - diamond league race analysis*

date	16-Jul-23	time	2.43	3.46	4.44	5.39	6.33	7.27	8.22	9.19	10.15	11.14		12.34	5 / 1			
reaction time	0.146	interval		1.03	0.98	0.95	0.94	0.94	0.95	0.97	0.96	0.99	1.20			2.96	2.83	2.92
wind	0.9 m/s	velocity	5.35	8.25	8.67	8.95	9.04	9.04	8.95	8.76	8.85	8.59	8.38	8.10		8.61	9.01	8.73

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	09-Aug-24	time	2.41	3.45	4.44	5.40	6.36	7.31	8.25	9.21	10.17	11.14		12.34	5 / 1			
reaction time	0.133	interval		1.04	0.99	0.96	0.96	0.95	0.94	0.96	0.96	0.97	1.20			2.99	2.85	2.89
wind	0.4 m/s	velocity	5.39	8.17	8.59	8.85	8.85	8.95	9.04	8.85	8.85	8.76	8.38	8.10		8.53	8.95	8.82

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Olympic Games (Paris, FRA) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	10-Aug-24	time	2.55	3.57	4.55	5.51	6.46	7.40	8.36	9.31	10.27	11.27		12.34	2 / 2			
reaction time	0.143	interval		1.02	0.98	0.96	0.95	0.94	0.96	0.95	0.96	1.00	1.07			2.96	2.85	2.91
wind	-0.3 m/s	velocity	5.10	8.33	8.67	8.85	8.95	9.04	8.85	8.95	8.85	8.50	9.39	8.10		8.61	8.95	8.76

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis) — *Henson (2025) - Athlete First: 2025 year end hurdle report*

date	02-May-25	time	2.60	3.62	4.60	5.54	6.47	7.43	8.37	9.34	10.31	11.31		12.34	6 / 3			

reaction time	0.160	interval		1.02	0.98	0.94	0.93	0.96	0.94	0.97	0.97	1.00	1.03			2.94	2.83	2.94
wind	2.0 m/s	velocity	5.00	8.33	8.67	9.04	9.14	8.85	9.04	8.76	8.76	8.50	9.76	8.10		8.67	9.01	8.67

Jahn, Bettine (GDR) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1983 IAAF World Championships (Helsinki, FIN)																*Knobe (1984) - the hurdles*
date 13-Aug-83	time	2.52	3.51	4.55	5.43	6.40	7.30	8.24	9.20	10.25	11.19		12.35	1 / 1			
reaction time 0.154	interval		0.99	1.04	0.88	0.97	0.90	0.94	0.96	1.05	0.94	1.16			2.91	2.81	2.95
wind 2.4 m/s	velocity	5.16	8.59	8.17	9.66	8.76	9.44	9.04	8.85	8.10	9.04	9.05	8.10		8.76	9.07	8.64

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)																*Henson (2021) - Athlete First: major championships report*
date 07-Aug-12	time	2.44	3.42	4.38	5.34	6.30	7.24	8.20	9.18	10.18	11.18		12.35	7 / 1			
reaction time 0.137	interval		0.98	0.96	0.96	0.96	0.94	0.96	0.98	1.00	1.00	1.17	OR		2.90	2.86	2.98
wind -0.2 m/s	velocity	5.33	8.67	8.85	8.85	8.85	9.04	8.85	8.67	8.50	8.50	8.97	8.10		8.79	8.92	8.56

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis)																*Henson (2022) - Athlete First: 2022 year end hurdle report*
date 25-Jun-22	time	2.57	3.60	4.60	5.57	6.52	7.46	8.42	9.39	10.34	11.31		12.35	7 / 2			
reaction time	interval		1.03	1.00	0.97	0.95	0.94	0.96	0.97	0.95	0.97	1.04	PB		3.00	2.85	2.89
wind -1.4 m/s	velocity	5.06	8.25	8.50	8.76	8.95	9.04	8.85	8.76	8.95	8.76	9.66	8.10		8.50	8.95	8.82

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)																*Henson (2023) - Athlete First: 2023 year end hurdle report*
date 27-May-23	time	2.57	3.57	4.54	5.48	6.42	7.38	8.34	9.30	10.26	11.26		12.35	6 / 2			
reaction time 0.207	interval		1.00	0.97	0.94	0.94	0.96	0.96	0.96	0.96	1.00	1.09			2.91	2.86	2.92
wind -0.2 m/s	velocity	5.06	8.50	8.76	9.04	9.04	8.85	8.85	8.85	8.85	8.50	9.22	8.10		8.76	8.92	8.73

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)																*Omega Timing (2023) - diamond league race analysis*
date 16-Jul-23	time	2.44	3.46	4.44	5.40	6.35	7.29	8.23	9.18	10.15	11.13		12.35	4 / 2			
reaction time 0.161	interval		1.02	0.98	0.96	0.95	0.94	0.94	0.95	0.97	0.98	1.22			2.96	2.83	2.90
wind 0.9 m/s	velocity	5.33	8.33	8.67	8.85	8.95	9.04	9.04	8.95	8.76	8.67	8.24	8.10		8.61	9.01	8.79

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																*Henson (2024) - Athlete First: 2024 year end hurdle report*
date 28-Jun-24	time	2.57	3.56	4.55	5.53	6.48	7.44	8.39	9.34	10.31	11.28		12.35	5 / 1			
reaction time	interval		0.99	0.99	0.98	0.95	0.96	0.95	0.95	0.97	0.97	1.07	PB		2.96	2.86	2.89
wind 0.2 m/s	velocity	5.06	8.59	8.59	8.67	8.95	8.85	8.95	8.95	8.76	8.76	9.39	8.10		8.61	8.92	8.82

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																*Paris 2024 Olympic Games - Results Book (2024)*
date 09-Aug-24	time	2.44	3.46	4.43	5.39	6.32	7.27	8.23	9.19	10.17	11.15		12.35	5 / 1			
reaction time 0.161	interval		1.02	0.97	0.96	0.93	0.95	0.96	0.96	0.98	0.98	1.20			2.95	2.84	2.92
wind -0.7 m/s	velocity	5.33	8.33	8.76	8.85	9.14	8.95	8.85	8.85	8.67	8.67	8.38	8.10		8.64	8.98	8.73

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)																*Omega Timing (2024) - diamond league race analysis*
date 22-Aug-24	time	2.44	3.47	4.45	5.40	6.34	7.28	8.23	9.18	10.16	11.15		12.35	5 / 1			
reaction time 0.131	interval		1.03	0.98	0.95	0.94	0.94	0.95	0.95	0.98	0.99	1.20			2.96	2.83	2.92
wind -0.9 m/s	velocity	5.33	8.25	8.67	8.95	9.04	9.04	8.95	8.95	8.67	8.59	8.38	8.10		8.61	9.01	8.73

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis)																*Henson (2020) - Athlete First: 2018 year end hurdle report*
date 22-Jul-18	time	2.44	3.46	4.44	5.40	6.36	7.28	8.24	9.20	10.18	11.18		12.36	6 / 1			
reaction time 0.169	interval		1.02	0.98	0.96	0.96	0.92	0.96	0.96	0.98	1.00	1.18			2.96	2.84	2.94
wind 0.6 m/s	velocity	5.33	8.33	8.67	8.85	8.85	9.24	8.85	8.85	8.67	8.50	8.90	8.09		8.61	8.98	8.67

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																*Henson (2024) - Athlete First: 2024 year end hurdle report*
date 29-Jun-24	time	2.54	3.57	4.54	5.50	6.44	7.37	8.32	9.29	10.25	11.24		12.36	4 / 1			
reaction time	interval		1.03	0.97	0.96	0.94	0.93	0.95	0.97	0.96	0.99	1.12			2.96	2.82	2.92
wind 1.0 m/s	velocity	5.12	8.25	8.76	8.85	9.04	9.14	8.95	8.76	8.85	8.59	8.97	8.09		8.61	9.04	8.73

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																*Henson (2024) - Athlete First: 2024 year end hurdle report*
date 29-Jun-24	time	2.50	3.50	4.48	5.44	6.39	7.34	8.29	9.26	10.24	11.24		12.36	5 / 2			
reaction time	interval		1.00	0.98	0.96	0.95	0.95	0.95	0.97	0.98	1.00	1.12	PB		2.94	2.85	2.95
wind 1.0 m/s	velocity	5.20	8.50	8.67	8.85	8.95	8.95	8.95	8.76	8.67	8.50	8.97	8.09		8.67	8.95	8.64

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2024 Resisprint International (La Chaux-de-Fonds, SUI) (TV Analysis)																*Henson (2024) - Athlete First: 2024 year end hurdle report*
date 14-Jul-24	time	2.56	3.58	4.56	5.50	6.45	7.38	8.33	9.29	10.28	11.28		12.36	4 / 1			
reaction time	interval		1.02	0.98	0.94	0.95	0.93	0.95	0.96	0.99	1.00	1.08	NR PB		2.94	2.83	2.95

wind	1.6 m/s	velocity	5.08	8.33	8.67	9.04	8.95	9.14	8.95	8.85	8.59	8.50	9.31	8.09		8.67	9.01	8.64

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Olympic Games (Paris, FRA)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	10-Aug-24	time	2.55	3.55	4.51	5.46	6.41	7.36	8.30	9.28	10.27	11.26		12.36	7 / 3			
reaction time	0.173	interval		1.00	0.96	0.95	0.95	0.95	0.94	0.98	0.99	0.99	1.10			2.91	2.84	2.96
wind	-0.3 m/s	velocity	5.10	8.50	8.85	8.95	8.95	8.95	9.04	8.67	8.59	8.59	9.14	8.09		8.76	8.98	8.61

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Weltklasse (Zürich, SUI)															*Omega Timing (2024) - diamond league race analysis*			
date	05-Sep-24	time	2.44	3.47	4.45	5.39	6.33	7.27	8.22	9.18	10.16	11.15		12.36	4 / 1			
reaction time	0.145	interval		1.03	0.98	0.94	0.94	0.94	0.95	0.96	0.98	0.99	1.21			2.95	2.83	2.93
wind	0.8 m/s	velocity	5.33	8.25	8.67	9.04	9.04	9.04	8.95	8.85	8.67	8.59	8.31	8.09		8.64	9.01	8.70

Devers, Gail (USA) (1966)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)															*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date	28-Aug-99	time	2.50	3.49	4.46	5.44	6.42	7.38	8.34	9.32	10.30	11.29		12.37	3 / 1			
reaction time	0.113	interval		0.99	0.97	0.98	0.98	0.96	0.96	0.98	0.98	0.99	1.08	**AR**		2.94	2.90	2.95
wind	0.7 m/s	velocity	5.20	8.59	8.76	8.67	8.67	8.85	8.85	8.67	8.67	8.59	9.72	8.08		8.67	8.79	8.64

Hayes, Joanna (USA) (1976)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2004 Olympic Games (Athens, GRE)															*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date	24-Aug-04	time	2.52	3.53	4.50	5.45	6.42	7.36	8.32	9.29	10.27	11.28		12.37	4 / 1			
reaction time	0.169	interval		1.01	0.97	0.95	0.97	0.94	0.96	0.97	0.98	1.01	1.09	**OR / PB**		2.93	2.87	2.96
wind	0.3 m/s	velocity	5.16	8.42	8.76	8.95	8.76	9.04	8.85	8.76	8.67	8.42	9.63	8.08		8.70	8.89	8.61

Harper, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)															*Henson (2021) - Athlete First: major championships report*			
date	07-Aug-12	time	2.48	3.48	4.44	5.40	6.36	7.32	8.28	9.24	10.22	11.22		12.37	4 / 2			
reaction time	0.156	interval		1.00	0.96	0.96	0.96	0.96	0.96	0.96	0.98	1.00	1.15	**PB**		2.92	2.88	2.94
wind	-0.2 m/s	velocity	5.24	8.50	8.85	8.85	8.85	8.85	8.85	8.85	8.67	8.50	9.13	8.08		8.73	8.85	8.67

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	02-Aug-21	time	2.44	3.44	4.42	5.38	6.32	7.26	8.20	9.14	10.10	11.14		12.37	5 / 1			
reaction time	0.149	interval		1.00	0.98	0.96	0.94	0.94	0.94	0.94	0.96	1.04	1.23			2.94	2.82	2.94
wind	-0.3 m/s	velocity	5.33	8.50	8.67	8.85	9.04	9.04	9.04	9.04	8.85	8.17	8.17	8.08		8.67	9.04	8.67

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	09-Jun-22	time	2.47	3.48	4.47	5.43	6.37	7.30	8.26	9.23	10.20	11.18		12.37	5 / 1			
reaction time	0.149	interval		1.01	0.99	0.96	0.94	0.93	0.96	0.97	0.97	0.98	1.19			2.96	2.83	2.92
wind	0.1 m/s	velocity	5.26	8.42	8.59	8.85	9.04	9.14	8.85	8.76	8.76	8.67	8.45	8.08		8.61	9.01	8.73

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	08-Jul-23	time	2.51	3.53	4.50	5.47	6.42	7.36	8.31	9.28	10.27	11.26		12.37	4 / 1			
reaction time		interval		1.02	0.97	0.97	0.95	0.94	0.95	0.97	0.99	0.99	1.11			2.96	2.84	2.95
wind	0.4 m/s	velocity	5.18	8.33	8.76	8.76	8.95	9.04	8.95	8.76	8.59	8.59	9.05	8.08		8.61	8.98	8.64

Johnson, Alaysha (USA) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.52	3.54	4.51	5.45	6.41	7.35	8.30	9.28	10.25	11.25		12.37	4 / 2			
reaction time		interval		1.02	0.97	0.94	0.96	0.94	0.95	0.98	0.97	1.00	1.12			2.93	2.85	2.95
wind	0.2 m/s	velocity	5.16	8.33	8.76	9.04	8.85	9.04	8.95	8.67	8.76	8.50	8.97	8.08		8.70	8.95	8.64

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	30-Jun-24	time	2.50	3.51	4.48	5.46	6.42	7.37	8.32	9.31	10.28	11.27		12.37	2 / 4			
reaction time		interval		1.01	0.97	0.98	0.96	0.95	0.95	0.99	0.97	0.99	1.10			2.96	2.86	2.95
wind	0.7 m/s	velocity	5.20	8.42	8.76	8.67	8.85	8.95	8.95	8.59	8.76	8.59	9.14	8.08		8.61	8.92	8.64

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
A FINAL - 2024 Resisprint International (La Chaux-de-Fonds, SUI) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	14-Jul-24	time	2.56	3.55	4.53	5.48	6.43	7.38	8.33	9.29	10.28	11.28		12.37	5 / 2			
reaction time		interval		0.99	0.98	0.95	0.95	0.95	0.95	0.96	0.99	1.00	1.09	**PB**		2.92	2.85	2.95
wind	1.6 m/s	velocity	5.08	8.59	8.67	8.95	8.95	8.95	8.95	8.85	8.59	8.50	9.22	8.08		8.73	8.95	8.64

Williams, Danielle (JAM) (1992)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	2.37	3.40	4.36	5.33	6.26	7.22	8.18	9.15	10.14	11.14		12.37	4 / 1			
reaction time	0.116	interval		1.03	0.96	0.97	0.93	0.96	0.96	0.97	0.99	1.00	1.23			2.96	2.85	2.96
wind	-0.3 m/s	velocity	5.49	8.25	8.85	8.76	9.14	8.85	8.85	8.76	8.59	8.50	8.17	8.08		8.61	8.95	8.61

Stark, Grace (USA) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	2.38	3.41	4.39	5.35	6.30	7.25	8.20	9.17	10.17	11.17		12.37	7 / 2			
reaction time	0.142	interval		1.03	0.98	0.96	0.95	0.95	0.95	0.97	1.00	1.00	1.20			2.97	2.85	2.97
wind	-0.5 m/s	velocity	5.46	8.25	8.67	8.85	8.95	8.95	8.95	8.76	8.50	8.50	8.38	8.08		8.59	8.95	8.59

Donkova, Yordanka (BUL) (1961)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)															*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	30-Sep-88	time	2.54	3.55	4.52	5.50	6.46	7.42	8.38	9.34	10.31	11.32		12.38	5 / 1			
reaction time	0.150	interval		1.01	0.97	0.98	0.96	0.96	0.96	0.96	0.97	1.01	1.06	OR		2.96	2.88	2.94
wind	0.2 m/s	velocity	5.12	8.42	8.76	8.67	8.85	8.85	8.85	8.85	8.76	8.42	9.91	8.08		8.61	8.85	8.67

McNeal, Brianna (USA) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	10-Jun-18	time	2.48	3.48	4.44	5.40	6.36	7.32	8.28	9.24	10.24	11.24		12.38	5 / 1			
reaction time	0.138	interval		1.00	0.96	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.14			2.92	2.88	2.96
wind	1.3 m/s	velocity	5.24	8.50	8.85	8.85	8.85	8.85	8.85	8.85	8.50	8.50	9.21	8.08		8.73	8.85	8.61

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	10-Jun-21	time	2.46	3.46	4.44	5.40	6.34	7.28	8.22	9.20	10.18	11.18		12.38	5 / 1			
reaction time	0.153	interval		1.00	0.98	0.96	0.94	0.94	0.94	0.98	0.98	1.00	1.20			2.94	2.82	2.96
wind	-0.8 m/s	velocity	5.28	8.50	8.67	8.85	9.04	9.04	9.04	8.67	8.67	8.50	8.37	8.08		8.67	9.04	8.61

Sember, Cindy (GBR) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.57	3.58	4.53	5.51	6.44	7.37	8.33	9.29	10.27	11.27		12.38	1 / 5			
reaction time	0.158	interval		1.01	0.95	0.98	0.93	0.93	0.96	0.96	0.98	1.00	1.11			2.94	2.82	2.94
wind	2.5 m/s	velocity	5.06	8.42	8.95	8.67	9.14	9.14	8.85	8.85	8.67	8.50	9.05	8.08		8.67	9.04	8.67

Jones, Tia (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	02-Sep-22	time	2.50	3.50	4.47	5.44	6.38	7.32	8.28	9.24	10.21	11.21		12.38	3 / 2			
reaction time	0.165	interval		1.00	0.97	0.97	0.94	0.94	0.96	0.96	0.97	1.00	1.17	PB		2.94	2.84	2.93
wind	0.1 m/s	velocity	5.20	8.50	8.76	8.76	9.04	9.04	8.85	8.85	8.76	8.50	8.59	8.08		8.67	8.98	8.70

Williams, Danielle (JAM) (1992)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Bermuda Grand Prix (Devonshire, BER) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	21-May-23	time	2.53	3.54	4.50	5.46	6.39	7.34	8.29	9.27	10.25	11.26		12.38	4 / 2			
reaction time	0.521	interval		1.01	0.96	0.96	0.93	0.95	0.95	0.98	0.98	1.01	1.12			2.93	2.83	2.97
wind	3.5 m/s	velocity	5.14	8.42	8.85	8.85	9.14	8.95	8.95	8.67	8.67	8.42	8.97	8.08		8.70	9.01	8.59

Ali, Nia (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2023) - diamond league race analysis*			
date	16-Jul-23	time	2.40	3.42	4.39	5.33	6.28	7.24	8.22	9.21	10.19	11.18		12.38	6 / 3			
reaction time	0.162	interval		1.02	0.97	0.94	0.95	0.96	0.98	0.99	0.98	0.99	1.20			2.93	2.89	2.96
wind	0.9 m/s	velocity	5.42	8.33	8.76	9.04	8.95	8.85	8.67	8.59	8.67	8.59	8.37	8.08		8.70	8.82	8.61

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)															*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	2.45	3.47	4.46	5.41	6.35	7.29	8.24	9.20	10.17	11.15		12.38	5 / 2			
reaction time	0.140	interval		1.02	0.99	0.95	0.94	0.94	0.95	0.96	0.97	0.98	1.23			2.96	2.83	2.91
wind	1.8 m/s	velocity	5.31	8.33	8.59	8.95	9.04	9.04	8.95	8.85	8.76	8.67	8.17	8.08		8.61	9.01	8.76

Marshall, Tonea (USA) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	30-Jun-24	time	2.48	3.50	4.47	5.44	6.39	7.33	8.28	9.26	10.25	11.26		12.38	6 / 5			
reaction time		interval		1.02	0.97	0.97	0.95	0.94	0.95	0.98	0.99	1.01	1.12			2.96	2.84	2.98
wind	0.7 m/s	velocity	5.24	8.33	8.76	8.76	8.95	9.04	8.95	8.67	8.59	8.42	8.97	8.08		8.61	8.98	8.56

Stark, Grace (USA) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)															*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	2.40	3.42	4.41	5.37	6.31	7.26	8.22	9.18	10.16	11.17		12.38	7 / 2			
reaction time	0.145	interval		1.02	0.99	0.96	0.94	0.95	0.96	0.96	0.98	1.01	1.21			2.97	2.85	2.95
wind	-0.9 m/s	velocity	5.42	8.33	8.59	8.85	9.04	8.95	8.85	8.85	8.67	8.42	8.31	8.08		8.59	8.95	8.64

Nugent, Ackera (JAM) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)															*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	2.44	3.47	4.45	5.40	6.36	7.31	8.26	9.22	10.19	11.19		12.38	8 / 3			
reaction time	0.159	interval		1.03	0.98	0.95	0.96	0.95	0.95	0.96	0.97	1.00	1.19			2.96	2.86	2.93
wind	-0.9 m/s	velocity	5.33	8.25	8.67	8.95	8.85	8.95	8.95	8.85	8.76	8.50	8.45	8.08		8.61	8.92	8.70

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.42	3.43	4.37	5.33	6.28	7.23	8.21	9.19	10.19	11.18		12.38	4 / 3			
reaction time 0.129 interval		1.01	0.94	0.96	0.95	0.95	0.98	0.98	1.00	0.99	1.20			2.91	2.88	2.97
wind -0.5 m/s velocity	5.37	8.42	9.04	8.85	8.95	8.95	8.67	8.67	8.50	8.59	8.37	8.08		8.76	8.85	8.59

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Memorial van damme (Brussels, BEL)													*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24 time	2.57	3.58	4.55	5.52	6.46	7.41	8.36	9.32	10.29	11.27		12.38	4 / 1			
reaction time 0.152 interval		1.01	0.97	0.97	0.94	0.95	0.95	0.96	0.97	0.98	1.11			2.95	2.84	2.91
wind 0.4 m/s velocity	5.06	8.42	8.76	8.76	9.04	8.95	8.95	8.85	8.76	8.67	9.05	8.08		8.64	8.98	8.76

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 04-Jul-17 time	2.38	3.40	4.38	5.34	6.30	7.26	8.20	9.14	10.10	11.08		12.39	5 / 1			
reaction time 0.152 interval		1.02	0.98	0.96	0.96	0.96	0.94	0.94	0.96	0.98	1.31			2.96	2.86	2.88
wind 0.1 m/s velocity	5.46	8.33	8.67	8.85	8.85	8.85	9.04	9.04	8.85	8.67	8.02	8.07		8.61	8.92	8.85

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 09-Jul-17 time	2.42	3.42	4.40	5.36	6.32	7.30	8.26	9.22	10.24	11.24		12.39	5 / 1			
reaction time 0.131 interval		1.00	0.98	0.96	0.96	0.98	0.96	0.96	1.02	1.00	1.15			2.94	2.90	2.98
wind 0.2 m/s velocity	5.37	8.50	8.67	8.85	8.85	8.67	8.85	8.85	8.33	8.50	9.13	8.07		8.67	8.79	8.56

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Bermuda Grand Prix (Devonshire, BER) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 21-May-23 time	2.50	3.52	4.49	5.46	6.42	7.37	8.32	9.29	10.26	11.26		12.39	3 / 3			
reaction time 0.176 interval		1.02	0.97	0.97	0.96	0.95	0.95	0.97	0.97	1.00	1.13			2.96	2.86	2.94
wind 3.5 m/s velocity	5.20	8.33	8.76	8.76	8.85	8.95	8.95	8.76	8.76	8.50	8.89	8.07		8.61	8.92	8.67

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)													*Omega Timing (2023) - diamond league race analysis*			
date 21-Jul-23 time	2.46	3.50	4.51	5.47	6.43	7.38	8.33	9.28	10.24	11.22		12.39	2 / 3			
reaction time 0.172 interval		1.04	1.01	0.96	0.96	0.95	0.95	0.95	0.96	0.98	1.17			3.01	2.86	2.89
wind 0.6 m/s velocity	5.28	8.17	8.42	8.85	8.85	8.95	8.95	8.95	8.85	8.67	8.59	8.07		8.47	8.92	8.82

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)													*Omega Timing (2023) - diamond league race analysis*			
date 21-Jul-23 time	2.43	3.45	4.43	5.38	6.33	7.28	8.24	9.20	10.17	11.17		12.39	7 / 4			
reaction time 0.156 interval		1.02	0.98	0.95	0.95	0.95	0.96	0.96	0.97	1.00	1.22			2.95	2.86	2.93
wind 0.6 m/s velocity	5.35	8.33	8.67	8.95	8.95	8.95	8.85	8.85	8.76	8.50	8.24	8.07		8.64	8.92	8.70

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 30-Jun-24 time	2.57	3.60	4.57	5.52	6.46	7.41	8.35	9.33	10.31	11.30		12.39	3 / 6			
reaction time interval		1.03	0.97	0.95	0.94	0.95	0.94	0.98	0.98	0.99	1.09			2.95	2.83	2.95
wind 0.7 m/s velocity	5.06	8.25	8.76	8.95	9.04	8.95	9.04	8.67	8.67	8.59	9.22	8.07		8.64	9.01	8.64

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 07-Jul-24 time	2.54	3.56	4.54	5.48	6.43	7.36	8.32	9.28	10.25	11.25		12.39	4 / 1			
reaction time 0.163 interval		1.02	0.98	0.94	0.95	0.93	0.96	0.96	0.97	1.00	1.14			2.94	2.84	2.93
wind 1.6 m/s velocity	5.12	8.33	8.67	9.04	8.95	9.14	8.85	8.85	8.76	8.50	8.82	8.07		8.67	8.98	8.70

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24 time	2.38	3.40	4.38	5.33	6.28	7.22	8.19	9.16	10.15	11.15		12.39	4 / 1			
reaction time 0.148 interval		1.02	0.98	0.95	0.95	0.94	0.97	0.97	0.99	1.00	1.24			2.95	2.86	2.96
wind 0.5 m/s velocity	5.46	8.33	8.67	8.95	8.95	9.04	8.76	8.76	8.59	8.50	8.10	8.07		8.64	8.92	8.61

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 08-Jun-19 time	2.45	3.44	4.42	5.41	6.38	7.34	8.30	9.28	10.26	11.26		12.40	6 / 1			
reaction time 0.138 interval		0.99	0.98	0.99	0.97	0.96	0.96	0.98	0.98	1.00	1.14	AR PB		2.96	2.89	2.96
wind 0.6 m/s velocity	5.31	8.59	8.67	8.59	8.76	8.85	8.85	8.67	8.67	8.50	9.21	8.06		8.61	8.82	8.61

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Areva Diamond League Meeting (Saint-Denis, FRA)													*Vazel (2012) - hurdle observations*			
date 06-Jul-12 time	2.51	3.50	4.50	5.46	6.43	7.40	8.36	9.32	10.30	11.30		12.40	5 / 1			
reaction time 0.147 interval		0.99	1.00	0.96	0.97	0.97	0.96	0.96	0.98	1.00	1.10			2.95	2.90	2.94
wind 0.0 m/s velocity	5.18	8.59	8.50	8.85	8.76	8.76	8.85	8.85	8.67	8.50	9.55	8.06		8.64	8.79	8.67

Harrison, Kendra (Keni) (USA) (1992

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2016 London Anniversary Games (London, GBR) *Brice (2017) - critical determinants of sprint hurdle performance*

date	22-Jul-16	time	2.55	3.56	4.55	5.53	6.47	7.42	8.38	9.34	10.33	11.33		12.40	/ 1			
reaction time	0.156	interval		1.01	0.99	0.98	0.94	0.95	0.96	0.96	0.99	1.00	1.07			2.98	2.85	2.95
wind	0.2 m/s	velocity	5.10	8.42	8.59	8.67	9.04	8.95	8.85	8.85	8.59	8.50	9.81	8.06		8.56	8.95	8.64

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	13-May-18	time	2.45	3.46	4.46	5.40	6.36	7.32	8.27	9.23	10.20	11.18		12.40	5 / 1			
reaction time		interval		1.01	1.00	0.94	0.96	0.96	0.95	0.96	0.97	0.98	1.22	AR PB		2.95	2.87	2.91
wind	1.2 m/s	velocity	5.31	8.42	8.50	9.04	8.85	8.85	8.95	8.85	8.76	8.67	8.61	8.06		8.64	8.89	8.76

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.50	3.50	4.52	5.50	6.45	7.38	8.30	9.25	10.25	11.25		12.40	4 / 1			
reaction time	0.166	interval		1.00	1.02	0.98	0.95	0.93	0.92	0.95	1.00	1.00	1.15	PB		3.00	2.80	2.95
wind	0.0 m/s	velocity	5.20	8.50	8.33	8.67	8.95	9.14	9.24	8.95	8.50	8.50	8.74	8.06		8.50	9.11	8.64

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	12-Jun-22	time	2.50	3.50	4.50	5.47	6.43	7.40	8.35	9.30	10.28	11.28		12.40	4 / 1			
reaction time	0.153	interval		1.00	1.00	0.97	0.96	0.97	0.95	0.95	0.98	1.00	1.12	PB		2.97	2.88	2.93
wind	2.0 m/s	velocity	5.20	8.50	8.50	8.76	8.85	8.76	8.95	8.95	8.67	8.50	8.97	8.06		8.59	8.85	8.70

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	23-Jul-22	time	2.50	3.50	4.48	5.43	6.36	7.30	8.26	9.23	10.20	11.20		12.40	3 / 1			
reaction time	0.135	interval		1.00	0.98	0.95	0.93	0.94	0.96	0.97	0.97	1.00	1.20	AR PB		2.93	2.83	2.94
wind	1.5 m/s	velocity	5.20	8.50	8.67	8.95	9.14	9.04	8.85	8.76	8.76	8.50	8.37	8.06		8.70	9.01	8.67

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	05-Aug-22	time	2.50	3.50	4.48	5.43	6.37	7.33	8.28	9.23	10.23	11.23		12.40	3 / 1			
reaction time	0.150	interval		1.00	0.98	0.95	0.94	0.96	0.95	0.95	1.00	1.00	1.17			2.93	2.85	2.95
wind	2.4 m/s	velocity	5.20	8.50	8.67	8.95	9.04	8.85	8.95	8.95	8.50	8.50	8.59	8.06		8.70	8.95	8.64

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	02-Sep-22	time	2.44	3.45	4.44	5.37	6.32	7.30	8.25	9.21	10.18	11.18		12.40	5 / 3			
reaction time	0.163	interval		1.01	0.99	0.93	0.95	0.98	0.95	0.96	0.97	1.00	1.22			2.93	2.88	2.93
wind	0.1 m/s	velocity	5.33	8.42	8.59	9.14	8.95	8.67	8.95	8.85	8.76	8.50	8.24	8.06		8.70	8.85	8.70

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	08-Sep-22	time	2.48	3.48	4.44	5.40	6.36	7.31	8.26	9.21	10.20	11.19		12.40	8 / 2			
reaction time	0.173	interval		1.00	0.96	0.96	0.96	0.95	0.95	0.95	0.99	0.99	1.21			2.92	2.86	2.93
wind	-0.3 m/s	velocity	5.24	8.50	8.85	8.85	8.85	8.95	8.95	8.95	8.59	8.59	8.31	8.06		8.73	8.92	8.70

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Athletissima (Lausanne, SUI) *Omega Timing (2023) - diamond league race analysis*

date	30-Jun-23	time	2.42	3.44	4.43	5.38	6.33	7.28	8.24	9.21	10.19	11.18		12.40	5 / 1			
reaction time	0.139	interval		1.02	0.99	0.95	0.95	0.95	0.96	0.97	0.98	0.99	1.22			2.96	2.86	2.94
wind	-1.4 m/s	velocity	5.37	8.33	8.59	8.95	8.95	8.95	8.85	8.76	8.67	8.59	8.24	8.06		8.61	8.92	8.67

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	08-Jun-24	time	2.52	3.52	4.49	5.46	6.43	7.35	8.32	9.26	10.25	11.28		12.40	8 / 2			
reaction time	0.159	interval		1.00	0.97	0.97	0.97	0.92	0.97	0.94	0.99	1.03	1.12	NR PB		2.94	2.86	2.96
wind	0.8 m/s	velocity	5.16	8.50	8.76	8.76	8.76	9.24	8.76	9.04	8.59	8.25	8.97	8.06		8.67	8.92	8.61

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL) *Omega Timing (2024) - diamond league race analysis*

date	25-Aug-24	time	2.44	3.49	4.48	5.45	6.41	7.36	8.31	9.27	10.25	11.22		12.40	1 / 4			
reaction time	0.151	interval		1.05	0.99	0.97	0.96	0.95	0.95	0.96	0.98	0.97	1.18			3.01	2.86	2.91
wind	-0.5 m/s	velocity	5.33	8.10	8.59	8.76	8.85	8.95	8.95	8.85	8.67	8.76	8.52	8.06		8.47	8.92	8.76

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Weltklasse (Zürich, SUI) *Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.46	3.48	4.45	5.41	6.36	7.30	8.25	9.23	10.20	11.19		12.40	6 / 2			
reaction time	0.121	interval		1.02	0.97	0.96	0.95	0.94	0.95	0.98	0.97	0.99	1.21			2.95	2.84	2.94
wind	0.8 m/s	velocity	5.28	8.33	8.76	8.85	8.95	9.04	8.95	8.67	8.76	8.59	8.31	8.06		8.64	8.98	8.67

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis) *Henson (2025) - Athlete First: 2025 year end hurdle report*

date	02-May-25	time	2.57	3.60	4.57	5.53	6.47	7.42	8.37	9.36	10.33	11.31		12.40	7 / 4			
reaction time	0.180	interval		1.03	0.97	0.96	0.94	0.95	0.95	0.99	0.97	0.98	1.09			2.96	2.84	2.94
wind	2.0 m/s	velocity	5.06	8.25	8.76	8.85	9.04	8.95	8.95	8.59	8.76	8.67	9.22	8.06		8.61	8.98	8.67

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Leise Prokop Memorial (St. Pölten, AUT) (TV Analysis) *Henson (2021) - Athlete First: 2018 year end hurdle report*

date	31-May-18	time	2.52	3.52	4.50	5.46	6.42	7.38	8.34	9.30	10.26	11.26		12.41	4 / 1			
reaction time		interval		1.00	0.98	0.96	0.96	0.96	0.96	0.96	0.96	1.00	1.15	NR PB		2.94	2.88	2.92
wind	0.5 m/s	velocity	5.16	8.50	8.67	8.85	8.85	8.85	8.85	8.85	8.85	8.50	9.13	8.06		8.67	8.85	8.73

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	20-Jul-19	time	2.42	3.42	4.38	5.34	6.30	7.26	8.24	9.22	10.22	11.22		12.41	6 / 1			
reaction time	0.132	interval		1.00	0.96	0.96	0.96	0.96	0.98	0.98	1.00	1.00	1.19	PB		2.92	2.90	2.98
wind	-1.1 m/s	velocity	5.37	8.50	8.85	8.85	8.85	8.85	8.67	8.67	8.50	8.50	8.82	8.06		8.73	8.79	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	06-Oct-19	time	2.44	3.44	4.42	5.38	6.34	7.30	8.26	9.24	10.22	11.20		12.41	6 / 1			
reaction time	0.122	interval		1.00	0.98	0.96	0.96	0.96	0.96	0.98	0.98	0.98	1.21			2.94	2.88	2.94
wind	1.0 m/s	velocity	5.33	8.50	8.67	8.85	8.85	8.85	8.85	8.67	8.67	8.67	8.31	8.06		8.67	8.85	8.67

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.52	3.52	4.52	5.49	6.44	7.39	8.37	9.32	10.29	11.29		12.41	2 / 1			
reaction time	0.153	interval		1.00	1.00	0.97	0.95	0.95	0.98	0.95	0.97	1.00	1.12			2.97	2.88	2.92
wind	0.3 m/s	velocity	5.16	8.50	8.50	8.76	8.95	8.95	8.67	8.95	8.76	8.50	8.97	8.06		8.59	8.85	8.73

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	18-Jun-22	time	2.50	3.52	4.48	5.45	6.39	7.33	8.28	9.25	10.23	11.21		12.41	5 / 1			
reaction time	0.159	interval		1.02	0.96	0.97	0.94	0.94	0.95	0.97	0.98	0.98	1.20	NR PB		2.95	2.83	2.93
wind	-0.4 m/s	velocity	5.20	8.33	8.85	8.76	9.04	9.04	8.95	8.76	8.67	8.67	8.38	8.06		8.64	9.01	8.70

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.43	3.43	4.40	5.33	6.30	7.26	8.23	9.23	10.23	11.23		12.41	3 / 3			
reaction time	0.105	interval		1.00	0.97	0.93	0.97	0.96	0.97	1.00	1.00	1.00	1.18			2.90	2.90	3.00
wind	0.9 m/s	velocity	5.35	8.50	8.76	9.14	8.76	8.85	8.76	8.50	8.50	8.50	8.52	8.06		8.79	8.79	8.50

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.50	3.54	4.54	5.49	6.42	7.38	8.34	9.30	10.28	11.28		12.41	5 / 1			
reaction time	0.138	interval		1.04	1.00	0.95	0.93	0.96	0.96	0.96	0.98	1.00	1.13			2.99	2.85	2.94
wind	-0.4 m/s	velocity	5.20	8.17	8.50	8.95	9.14	8.85	8.85	8.85	8.67	8.50	8.89	8.06		8.53	8.95	8.67

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.45	3.47	4.43	5.42	6.39	7.35	8.29	9.26	10.25	11.26		12.41	5 / 1			
reaction time		interval		1.02	0.96	0.99	0.97	0.96	0.94	0.97	0.99	1.01	1.15	PB		2.97	2.87	2.97
wind	1.7 m/s	velocity	5.31	8.33	8.85	8.59	8.76	8.85	9.04	8.76	8.59	8.42	8.74	8.06		8.59	8.89	8.59

Jahn, Bettine (GDR) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1983 Olympischer Tag (Berlin, GER) *Graubner (2008) - http://www.fgs.uni-halle.de*

date	08-Jun-83	time	2.55	3.55	4.53	5.48	6.44	7.40	8.35	9.32	10.31	11.32		12.42	/ 1			
reaction time		interval		1.00	0.98	0.95	0.96	0.96	0.95	0.97	0.99	1.01	1.10	NR		2.93	2.87	2.97
wind	1.8 m/s	velocity	5.10	8.50	8.67	8.95	8.85	8.85	8.95	8.76	8.59	8.42	9.55	8.05		8.70	8.89	8.59

Knabe, Kerstin (GDR) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1983 IAAF World Championships (Helsinki, FIN) *Knobe (1984) - the hurdles*

date	13-Aug-83	time	2.66	3.63	4.65	5.66	6.54	7.46	8.42	9.42	10.29	11.37		12.42	4 / 2			
reaction time	0.115	interval		0.97	1.02	1.01	0.88	0.92	0.96	1.00	0.87	1.08	1.05			3.00	2.76	2.95
wind	2.4 m/s	velocity	4.89	8.76	8.33	8.42	9.66	9.24	8.85	8.50	9.77	7.87	10.00	8.05		8.50	9.24	8.64

Kirkland, Anjanette (USA) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2001 IAAF World Championships (Edmonton, CAN) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	11-Aug-01	time	2.60	3.60	4.60	5.56	6.52	7.48	8.41	9.37	10.33	11.33		12.42	1 / 1			
reaction time	0.123	interval		1.00	1.00	0.96	0.96	0.96	0.93	0.96	0.96	1.00	1.09	PB		2.96	2.85	2.92
wind	2.0 m/s	velocity	5.00	8.50	8.50	8.85	8.85	8.85	9.14	8.85	8.85	8.50	9.63	8.05		8.61	8.95	8.73

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	25-Aug-16	time	2.48	3.50	4.48	5.44	6.40	7.36	8.32	9.28	10.26	11.26		12.42	5 / 1			

reaction time	0.148	interval		1.02	0.98	0.96	0.96	0.96	0.96	0.96	0.98	1.00	1.16			2.96	2.88	2.94
wind	0.7 m/s	velocity	5.24	8.33	8.67	8.85	8.85	8.85	8.85	8.85	8.67	8.50	9.05	8.05		8.61	8.85	8.67

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 09-Sep-21 time	2.50	3.50	4.48	5.42	6.36	7.32	8.26	9.24	10.22	11.26		12.42	3 / 1			
reaction time 0.134 interval		1.00	0.98	0.94	0.94	0.96	0.94	0.98	0.98	1.04	1.16	AR		2.92	2.84	3.00
wind 0.4 m/s velocity	5.20	8.50	8.67	9.04	9.04	8.85	9.04	8.67	8.67	8.17	8.66	8.05		8.73	8.98	8.50

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Sep-22 time	2.47	3.47	4.44	5.40	6.36	7.31	8.27	9.24	10.21	11.22		12.42	6 / 3			
reaction time 0.166 interval		1.00	0.97	0.96	0.96	0.95	0.96	0.97	0.97	1.01	1.20			2.93	2.87	2.95
wind -0.3 m/s velocity	5.26	8.50	8.76	8.85	8.85	8.95	8.85	8.76	8.76	8.42	8.38	8.05		8.70	8.89	8.64

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 08-Jul-23 time	2.55	3.55	4.55	5.51	6.46	7.41	8.36	9.32	10.32	11.30		12.42	6 / 2			
reaction time interval		1.00	1.00	0.96	0.95	0.95	0.95	0.96	1.00	0.98	1.12			2.96	2.85	2.94
wind 0.4 m/s velocity	5.10	8.50	8.50	8.85	8.95	8.95	8.95	8.85	8.50	8.67	8.97	8.05		8.61	8.95	8.67

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.54	3.53	4.50	5.46	6.44	7.37	8.33	9.30	10.28	11.28		12.42	6 / 3			
reaction time 0.151 interval		0.99	0.97	0.96	0.98	0.93	0.96	0.97	0.98	1.00	1.14	PB		2.92	2.87	2.95
wind 0.8 m/s velocity	5.12	8.59	8.76	8.85	8.67	9.14	8.85	8.76	8.67	8.50	8.82	8.05		8.73	8.89	8.64

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.48	3.50	4.48	5.42	6.38	7.33	8.29	9.26	10.24	11.23		12.42	2 / 1			
reaction time 0.176 interval		1.02	0.98	0.94	0.96	0.95	0.96	0.97	0.98	0.99	1.19			2.94	2.87	2.94
wind 0.0 m/s velocity	5.24	8.33	8.67	9.04	8.85	8.95	8.85	8.76	8.67	8.59	8.45	8.05		8.67	8.89	8.67

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24 time	2.41	3.47	4.46	5.43	6.39	7.34	8.30	9.26	10.23	11.21		12.42	7 / 2			
reaction time 0.155 interval		1.06	0.99	0.97	0.96	0.95	0.96	0.96	0.97	0.98	1.21			3.02	2.87	2.91
wind -0.7 m/s velocity	5.39	8.02	8.59	8.76	8.85	8.95	8.85	8.85	8.76	8.67	8.31	8.05		8.44	8.89	8.76

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time				5.34	6.29	7.26	8.22	9.22	10.19	11.19		12.42	6 / 2			
reaction time 0.137 interval					0.95	0.97	0.96	1.00	0.97	1.00	1.23				2.88	2.97
wind -0.3 m/s velocity				7.21	8.95	8.76	8.85	8.50	8.76	8.50	8.17	8.05			8.85	8.59

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.44	3.47	4.45	5.40	6.35	7.28	8.26	9.23	10.23	11.22		12.42	6 / 5			
reaction time 0.155 interval		1.03	0.98	0.95	0.95	0.93	0.98	0.97	1.00	0.99	1.20			2.96	2.86	2.96
wind -0.5 m/s velocity	5.33	8.25	8.67	8.95	8.95	9.14	8.67	8.76	8.50	8.59	8.38	8.05		8.61	8.92	8.61

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)													*Henson (2025) - Athlete First: 2025 year end hurdle report*			
date 03-May-25 time	2.50	3.50	4.47	5.43	6.37	7.34	8.34	9.32	10.31	11.33		12.42	5 / 1			
reaction time 0.146 interval		1.00	0.97	0.96	0.94	0.97	1.00	0.98	0.99	1.02	1.09			2.93	2.91	2.99
wind 0.3 m/s velocity	5.20	8.50	8.76	8.85	9.04	8.76	8.50	8.67	8.59	8.33	9.22	8.05		8.70	8.76	8.53

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.53	3.52	4.50	5.45	6.40	7.37	8.33	9.33	10.31	11.31		12.43	7 / 1			
reaction time 0.172 interval		0.99	0.98	0.95	0.95	0.97	0.96	1.00	0.98	1.00	1.12	PB		2.92	2.88	2.98
wind 0.2 m/s velocity	5.14	8.59	8.67	8.95	8.95	8.76	8.85	8.50	8.67	8.50	9.38	8.05		8.73	8.85	8.56

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 12-Jul-19 time	2.54	3.54	4.52	5.48	6.44	7.38	8.32	9.30	10.28	11.26		12.43	4 / 1			
reaction time 0.126 interval		1.00	0.98	0.96	0.96	0.94	0.94	0.98	0.98	0.98	1.17			2.94	2.84	2.94
wind 0.1 m/s velocity	5.12	8.50	8.67	8.85	8.85	9.04	9.04	8.67	8.67	8.67	8.97	8.05		8.67	8.98	8.67

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 13-May-22 time	2.50	3.53	4.51	5.45	6.40	7.34	8.29	9.25	10.23	11.25		12.43	4 / 1			
reaction time 0.159 interval		1.03	0.98	0.94	0.95	0.94	0.95	0.96	0.98	1.02	1.18			2.95	2.84	2.96

wind	3.8 m/s	velocity	5.20	8.25	8.67	9.04	8.95	9.04	8.95	8.85	8.67	8.33	8.52	8.05		8.64	8.98	8.61

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 24-Jul-22	time	2.43	3.42	4.37	5.36	6.32	7.28	8.24	9.22	10.22	11.23		12.43	5 / 1			
reaction time 0.153	interval		0.99	0.95	0.99	0.96	0.96	0.96	0.98	1.00	1.01	1.20	PB		2.93	2.88	2.99
wind -0.1 m/s	velocity	5.35	8.59	8.95	8.59	8.85	8.85	8.85	8.67	8.50	8.42	8.38	8.05		8.70	8.85	8.53

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 24-Aug-23	time	2.53	3.51	4.48	5.45	6.41	7.37	8.33	9.32	10.31	11.32		12.43	2 / 1			
reaction time 0.138	interval		0.98	0.97	0.97	0.96	0.96	0.96	0.99	0.99	1.01	1.11			2.92	2.88	2.99
wind -0.2 m/s	velocity	5.14	8.67	8.76	8.76	8.85	8.85	8.85	8.59	8.59	8.42	9.05	8.05		8.73	8.85	8.53

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24	time	2.42	3.44	4.41	5.36	6.29	7.25	8.21	9.19	10.17	11.18		12.43	7 / 2			
reaction time 0.143	interval		1.02	0.97	0.95	0.93	0.96	0.96	0.98	0.98	1.01	1.25			2.94	2.85	2.97
wind 0.4 m/s	velocity	5.37	8.33	8.76	8.95	9.14	8.85	8.85	8.67	8.67	8.42	8.04	8.05		8.67	8.95	8.59

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Olympic Games (Paris, FRA)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 10-Aug-24	time	2.54	3.55	4.52	5.46	6.42	7.37	8.33	9.31	10.30	11.32		12.43	3 / 4			
reaction time 0.134	interval		1.01	0.97	0.94	0.96	0.95	0.96	0.98	0.99	1.02	1.11			2.92	2.87	2.99
wind -0.3 m/s	velocity	5.12	8.42	8.76	9.04	8.85	8.95	8.85	8.67	8.59	8.33	9.05	8.05		8.73	8.89	8.53

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Olympic Games (Paris, FRA)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 10-Aug-24	time	2.56	3.59	4.55	5.53	6.48	7.46	8.42	9.38	10.35	11.33		12.43	4 / 5			
reaction time 0.161	interval		1.03	0.96	0.98	0.95	0.98	0.96	0.96	0.97	0.98	1.10			2.97	2.89	2.91
wind -0.3 m/s	velocity	5.08	8.25	8.85	8.67	8.95	8.67	8.85	8.85	8.76	8.67	9.14	8.05		8.59	8.82	8.76

Uibel-Siebert, Gloria (GDR) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 IAAF World Championships (Rome, ITA)													*Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*			
date 04-Sep-87	time	2.57	3.58	4.56	5.50	6.48	7.44	8.42	9.36	10.33	11.34		12.44	4 / 2			
reaction time 0.193	interval		1.01	0.98	0.94	0.98	0.96	0.98	0.94	0.97	1.01	1.10	PB		2.93	2.92	2.92
wind -0.5 m/s	velocity	5.06	8.42	8.67	9.04	8.67	8.85	8.67	9.04	8.76	8.42	9.55	8.04		8.70	8.73	8.73

Alozie, Glory (NGR) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 28-Aug-99	time	2.52	3.52	4.49	5.45	6.42	7.38	8.37	9.35	10.33	11.35		12.44	6 / 2			
reaction time 0.155	interval		1.00	0.97	0.96	0.97	0.96	0.99	0.98	0.98	1.02	1.09	AR / =PB		2.93	2.92	2.98
wind 0.7 m/s	velocity	5.16	8.50	8.76	8.85	8.76	8.85	8.59	8.67	8.67	8.33	9.63	8.04		8.70	8.73	8.56

Rollins, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13	time	2.52	3.50	4.48	5.42	6.40	7.36	8.30	9.26	10.24	11.24		12.44	7 / 1			
reaction time 0.263	interval		0.98	0.98	0.94	0.98	0.96	0.94	0.96	0.98	1.00	1.20			2.90	2.88	2.94
wind -0.6 m/s	velocity	5.16	8.67	8.67	9.04	8.67	8.85	9.04	8.85	8.67	8.50	8.75	8.04		8.79	8.85	8.67

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 27-Aug-16	time	2.46	3.48	4.48	5.44	6.40	7.36	8.32	9.28	10.26	11.24		12.44	5 / 1			
reaction time 0.178	interval		1.02	1.00	0.96	0.96	0.96	0.96	0.96	0.98	0.98	1.20			2.98	2.88	2.92
wind 0.2 m/s	velocity	5.28	8.33	8.50	8.85	8.85	8.85	8.85	8.85	8.67	8.67	8.75	8.04		8.56	8.85	8.73

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jul-18	time	2.48	3.46	4.44	5.42	6.40	7.36	8.32	9.28	10.26	11.28		12.44	4 / 1			
reaction time	interval		0.98	0.98	0.98	0.98	0.96	0.96	0.96	0.98	1.02	1.16			2.94	2.90	2.96
wind 0.9 m/s	velocity	5.24	8.67	8.67	8.67	8.67	8.85	8.85	8.85	8.67	8.33	9.05	8.04		8.67	8.79	8.61

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 27-Jul-19	time	2.53	3.50	4.47	5.44	6.38	7.34	8.30	9.27	10.24	11.24		12.44	3 / 1			
reaction time	interval		0.97	0.97	0.97	0.94	0.96	0.96	0.97	0.97	1.00	1.20			2.91	2.86	2.94
wind -1.2 m/s	velocity	5.14	8.76	8.76	8.76	9.04	8.85	8.85	8.76	8.76	8.50	8.75	8.04		8.76	8.92	8.67

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19	time	2.42	3.42	4.40	5.36	6.32	7.30	8.26	9.24	10.22	11.22		12.44	7 / 2			
reaction time 0.150	interval		1.00	0.98	0.96	0.96	0.98	0.96	0.98	0.98	1.00	1.22	PB		2.94	2.90	2.96
wind 1.0 m/s	velocity	5.37	8.50	8.67	8.85	8.85	8.67	8.85	8.67	8.67	8.50	8.24	8.04		8.67	8.79	8.61

Marshall, Tonea (USA) (1998)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter Final 1 - 2021 NCAA Championships Preliminary East Round (Jacksonville, FL) (TV Analysis)												*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	29-May-21	time	2.40	3.40	4.36	5.32	6.30	7.27	8.23	9.20	10.22	11.24		12.44	5 / 1			
reaction time		interval		1.00	0.96	0.96	0.98	0.97	0.96	0.97	1.02	1.02	1.20	PB		2.92	2.91	3.01
wind	0.8 m/s	velocity	5.42	8.50	8.85	8.85	8.67	8.76	8.85	8.76	8.33	8.33	8.38	8.04		8.73	8.76	8.47

Camacho-Quinn, Jasmine (PUR) (19

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fanny Blankers Koen Games (Hengelo, NED) (TV Analysis)												*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	06-Jun-21	time	2.43	3.46	4.44	5.40	6.35	7.31	8.27	9.24	10.20	11.18		12.44	5 / 1			
reaction time		interval		1.03	0.98	0.96	0.95	0.96	0.96	0.97	0.96	0.98	1.26			2.97	2.87	2.91
wind	0.5 m/s	velocity	5.35	8.25	8.67	8.85	8.95	8.85	8.85	8.76	8.85	8.67	7.98	8.04		8.59	8.89	8.76

Amusan, Tobi (NGR) (1997)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	13-May-22	time	2.50	3.53	4.51	5.43	6.40	7.35	8.31	9.30	10.28	11.30		12.44	6 / 2			
reaction time	0.171	interval		1.03	0.98	0.92	0.97	0.95	0.96	0.99	0.98	1.02	1.14			2.93	2.88	2.99
wind	3.8 m/s	velocity	5.20	8.25	8.67	9.24	8.76	8.95	8.85	8.59	8.67	8.33	8.82	8.04		8.70	8.85	8.53

Anderson, Britany (JAM) (2001)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	13-May-22	time	2.48	3.52	4.49	5.46	6.40	7.35	8.31	9.30	10.28	11.28		12.44	2 / 2			
reaction time	0.154	interval		1.04	0.97	0.97	0.94	0.95	0.96	0.99	0.98	1.00	1.16			2.98	2.85	2.97
wind	3.8 m/s	velocity	5.24	8.17	8.76	8.76	9.04	8.95	8.85	8.59	8.67	8.50	8.66	8.04		8.56	8.95	8.59

Williams, Danielle (JAM) (1992)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Championships (Eugene, OR)												*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	24-Jul-22	time	2.49	3.47	4.43	5.38	6.33	7.27	8.27	9.25	10.26	11.30		12.44	2 / 6			
reaction time	0.105	interval		0.98	0.96	0.95	0.95	0.94	1.00	0.98	1.01	1.04	1.14			2.89	2.89	3.03
wind	2.5 m/s	velocity	5.22	8.67	8.85	8.95	8.95	9.04	8.50	8.67	8.42	8.17	8.82	8.04		8.82	8.82	8.42

Anderson, Britany (JAM) (2001)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	02-Sep-22	time	2.47	3.47	4.45	5.42	6.37	7.34	8.29	9.26	10.23	11.26		12.44	6 / 4			
reaction time	0.145	interval		1.00	0.98	0.97	0.95	0.97	0.95	0.97	0.97	1.03	1.18			2.95	2.87	2.97
wind	0.1 m/s	velocity	5.26	8.50	8.67	8.76	8.95	8.76	8.95	8.76	8.76	8.25	8.52	8.04		8.64	8.89	8.59

Charlton, Devynne (BAH) (1995)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)												*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.50	3.49	4.46	5.43	6.39	7.34	8.30	9.28	10.26	11.30		12.44	9 / 2			
reaction time	0.159	interval		0.99	0.97	0.97	0.96	0.95	0.96	0.98	0.98	1.04	1.14	NR		2.93	2.87	3.00
wind	0.1 m/s	velocity	5.20	8.59	8.76	8.76	8.85	8.95	8.85	8.67	8.67	8.17	8.82	8.04		8.70	8.89	8.50

Camacho-Quinn, Jasmine (PUR) (19

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)												*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date	24-Aug-23	time	2.57	3.58	4.57	5.52	6.47	7.40	8.36	9.34	10.32	11.33		12.44	7 / 2			
reaction time	0.164	interval		1.01	0.99	0.95	0.95	0.93	0.96	0.98	0.98	1.01	1.11			2.95	2.84	2.97
wind	-0.2 m/s	velocity	5.06	8.42	8.59	8.95	8.95	9.14	8.85	8.67	8.67	8.42	9.05	8.04		8.64	8.98	8.59

Harrison, Kendra (Keni) (USA) (1992

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	2.45	3.48	4.47	5.42	6.37	7.31	8.28	9.24	10.22	11.20		12.44	6 / 3			
reaction time	0.166	interval		1.03	0.99	0.95	0.95	0.94	0.97	0.96	0.98	0.98	1.24			2.97	2.86	2.92
wind	1.8 m/s	velocity	5.31	8.25	8.59	8.95	8.95	9.04	8.76	8.85	8.67	8.67	8.10	8.04		8.59	8.92	8.73

Nugent, Ackera (JAM) (2002)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date	09-Aug-24	time	2.41	3.46	4.45	5.41	6.37	7.34	8.31	9.28	10.25	11.23		12.44	4 / 3			
reaction time	0.142	interval		1.05	0.99	0.96	0.96	0.97	0.97	0.97	0.97	0.98	1.21			3.00	2.90	2.92
wind	-0.7 m/s	velocity	5.39	8.10	8.59	8.85	8.85	8.76	8.76	8.76	8.76	8.67	8.31	8.04		8.50	8.79	8.73

Kałek, Lucyna (POL) (1956)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1982 European Championships (Athens, GRE)												*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*			
date	09-Sep-82	time	2.55		4.56		6.50		8.42			11.37		12.45	/ 1			
reaction time		interval			2.01		1.94		1.92			2.95	1.08	CR				2.95
wind	1.5 m/s	velocity	5.10		8.46		8.76		8.85			8.64	9.72	8.03				8.64

Felicien, Perdita (CAN) (1980)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Canadian National Championships (Victoria, CAN)												*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	10-Jul-04	time	2.58	3.57	4.54	5.49	6.44	7.37	8.36	9.32	10.32	11.34		12.45	/ 1			
reaction time		interval		0.99	0.97	0.95	0.95	0.93	0.99	0.96	1.00	1.02	1.11			2.91	2.87	2.98
wind	2.1 m/s	velocity	5.04	8.59	8.76	8.95	8.95	9.14	8.59	8.85	8.50	8.33	9.46	8.03		8.76	8.89	8.56

Krasovska, Olena (UKR) (1976)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Olympic Games (Athens, GRE)																		
Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance																		
date	24-Aug-04	time	2.55	3.55	4.55	5.51	6.48	7.45	8.41	9.39	10.37	11.36		12.45	1 / 2			
reaction time	0.151	interval		1.00	1.00	0.96	0.97	0.97	0.96	0.98	0.98	0.99	1.09	PB		2.96	2.90	2.95
wind	0.3 m/s	velocity	5.10	8.50	8.50	8.85	8.76	8.76	8.85	8.67	8.67	8.59	9.63	8.03		8.61	8.79	8.64

Clemons, Christina (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Invitational FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	26-Mar-22	time	2.54	3.54	4.50	5.47	6.42	7.37	8.34	9.31	10.31	11.29		12.45	7 / 2			
reaction time		interval		1.00	0.96	0.97	0.95	0.95	0.97	0.97	1.00	0.98	1.16			2.93	2.87	2.95
wind	3.9 m/s	velocity	5.12	8.50	8.85	8.76	8.95	8.95	8.76	8.76	8.50	8.67	8.66	8.03		8.70	8.89	8.64

Marshall, Tonea (USA) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Invitational FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	26-Mar-22	time	2.50	3.50	4.47	5.42	6.36	7.32	8.29	9.29	10.28	11.29		12.45	6 / 3			
reaction time		interval		1.00	0.97	0.95	0.94	0.96	0.97	1.00	0.99	1.01	1.16			2.92	2.87	3.00
wind	3.9 m/s	velocity	5.20	8.50	8.76	8.95	9.04	8.85	8.76	8.50	8.59	8.42	8.66	8.03		8.73	8.89	8.50

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	28-May-22	time	2.50	3.53	4.51	5.48	6.43	7.37	8.33	9.31	10.30	11.29		12.45	5 / 1			
reaction time	0.132	interval		1.03	0.98	0.97	0.95	0.94	0.96	0.98	0.99	0.99	1.16			2.98	2.85	2.96
wind	-0.7 m/s	velocity	5.20	8.25	8.67	8.76	8.95	9.04	8.85	8.67	8.59	8.59	8.66	8.03		8.56	8.95	8.61

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	26-Aug-22	time	2.43	3.44	4.44	5.40	6.34	7.27	8.27	9.25	10.25	11.27		12.45	5 / 2			
reaction time	0.151	interval		1.01	1.00	0.96	0.94	0.93	1.00	0.98	1.00	1.02	1.18			2.97	2.87	3.00
wind	-0.9 m/s	velocity	5.35	8.42	8.50	8.85	9.04	9.14	8.50	8.67	8.50	8.33	8.52	8.03		8.59	8.89	8.50

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season																		
date	04-Sep-22	time	2.48	3.52	4.48	5.44	6.38	7.32	8.28	9.28	10.26	11.26		12.45	4 / 1			
reaction time	0.133	interval		1.04	0.96	0.96	0.94	0.94	0.96	1.00	0.98	1.00	1.19			2.96	2.84	2.98
wind	-0.3 m/s	velocity	5.24	8.17	8.85	8.85	9.04	9.04	8.85	8.50	8.67	8.50	8.45	8.03		8.61	8.98	8.56

Camacho-Quinn, Jasmine (PUR) (19			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)																		
Omega Timing (2024) - diamond league race analysis																		
date	20-Apr-24	time	2.46	3.50	4.49	5.45	6.41	7.36	8.31	9.27	10.25	11.23		12.45	5 / 1			
reaction time	0.163	interval		1.04	0.99	0.96	0.96	0.95	0.95	0.96	0.98	0.98	1.22			2.99	2.86	2.92
wind	-0.2 m/s	velocity	5.28	8.17	8.59	8.85	8.85	8.95	8.95	8.85	8.67	8.67	8.24	8.03		8.53	8.92	8.73

Riefstahl-Oschkenat, Cornelia (GDR			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 GDR vs. USSR (Karl-Marx-Stadt, GDR)																		
Breiser (1990) - the road to success- skill analysis of leading women hurdlers																		
date	21-Jun-87	time	2.50	3.50	4.48	5.46	6.43	7.40	8.38	9.36	10.35	11.36		12.46	/ 1			
reaction time	0.135	interval		1.00	0.98	0.98	0.97	0.97	0.98	0.98	0.99	1.01	1.10			2.96	2.92	2.98
wind	1.6 m/s	velocity	5.20	8.50	8.67	8.67	8.76	8.76	8.67	8.67	8.59	8.42	9.55	8.03		8.61	8.73	8.56

Riefstahl-Oschkenat, Cornelia (GDR			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 IAAF World Championships (Rome, ITA)																		
Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics																		
date	04-Sep-87	time	2.50	3.50	4.48	5.46	6.43	7.40	8.38	9.36	10.35	11.36		12.46	6 / 3			
reaction time		interval		1.00	0.98	0.98	0.97	0.97	0.98	0.98	0.99	1.01	1.10			2.96	2.92	2.98
wind	-0.5 m/s	velocity	5.20	8.50	8.67	8.67	8.76	8.76	8.67	8.67	8.59	8.42	9.55	8.03		8.61	8.73	8.56

Devers, Gail (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 IAAF World Championships (Stuttgart, GER)																		
Graubner (2008) - http://www.fgs.uni-halle.de																		
date	20-Aug-93	time	2.62	3.62	4.57	5.52	6.47	7.45	8.44	9.45	10.46	11.48		12.46	3 / 1			
reaction time	0.167	interval		1.00	0.95	0.95	0.95	0.98	0.99	1.01	1.01	1.02	0.98	AR		2.90	2.92	3.04
wind	0.2 m/s	velocity	4.96	8.50	8.95	8.95	8.95	8.67	8.59	8.42	8.42	8.33	10.71	8.03		8.79	8.73	8.39

Felicien, Perdita (CAN) (1980)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Prefontaine Classic (Eugene, OR)																		
Winckler (2009) - UK Athletics- National Coaching Conference																		
date	19-Jun-04	time	2.59	3.58	4.55	5.51	6.47	7.42	8.39	9.37	10.34	11.37		12.46	/ 1			
reaction time		interval		0.99	0.97	0.96	0.96	0.95	0.97	0.98	0.97	1.03	1.09	NR		2.92	2.88	2.98
wind	0.7 m/s	velocity	5.02	8.59	8.76	8.85	8.85	8.95	8.76	8.67	8.76	8.25	9.63	8.03		8.73	8.85	8.56

Perry, Michelle (USA) (1979)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Championships (Osaka, JPN)																		
Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data																		
date	29-Aug-07	time	2.40	3.42	4.40	5.35	6.32	7.28	8.27	9.24	10.34	11.27		12.46	6 / 1			
reaction time	0.105	interval		1.02	0.98	0.95	0.97	0.96	0.99	0.97	1.10	0.93	1.19			2.95	2.92	3.00
wind	-0.1 m/s	velocity	5.42	8.33	8.67	8.95	8.76	8.85	8.59	8.76	7.73	9.14	8.82	8.03		8.64	8.73	8.50

Harrison, Kendra (Keni) (USA) (1992	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	05-Jun-16	time	2.46	3.48	4.46	5.43	6.40	7.33	8.30	9.27	10.27	11.27		12.46	6 / 1			
reaction time	0.212	interval		1.02	0.98	0.97	0.97	0.93	0.97	0.97	1.00	1.00	1.19			2.97	2.87	2.97
wind	-0.3 m/s	velocity	5.28	8.33	8.67	8.76	8.76	9.14	8.76	8.76	8.50	8.50	8.82	8.03		8.59	8.89	8.59

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 USATF National Championships (Des Moines, IA) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	23-Jun-18	time	2.40	3.40	4.38	5.37	6.34	7.31	8.24	9.21	10.16	11.16		12.46	5 / 1			
reaction time		interval		1.00	0.98	0.99	0.97	0.97	0.93	0.97	0.95	1.00	1.30			2.97	2.87	2.92
wind	-1.4 m/s	velocity	5.42	8.50	8.67	8.59	8.76	8.76	9.14	8.76	8.95	8.50	8.08	8.03		8.59	8.89	8.73

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	06-Sep-19	time	2.44	3.43	4.40	5.38	6.34	7.31	8.28	9.26	10.26	11.26		12.46	5 / 1			
reaction time	0.119	interval		0.99	0.97	0.98	0.96	0.97	0.97	0.98	1.00	1.00	1.20			2.94	2.90	2.98
wind	0.0 m/s	velocity	5.33	8.59	8.76	8.67	8.85	8.76	8.76	8.67	8.50	8.50	8.75	8.03		8.67	8.79	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	18-Aug-19	time	2.44	3.44	4.42	5.40	6.37	7.33	8.30	9.28	10.27	11.28		12.46	5 / 1			
reaction time	0.135	interval		1.00	0.98	0.98	0.97	0.96	0.97	0.98	0.99	1.01	1.18			2.96	2.90	2.98
wind	-0.2 m/s	velocity	5.33	8.50	8.67	8.67	8.76	8.85	8.76	8.67	8.59	8.42	8.90	8.03		8.61	8.79	8.56

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 IAAF World Championships (Doha, QAT) *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.41	3.46	4.44	5.39	6.38	7.32	8.29	9.26	10.25	11.25		12.46	6 / 2			
reaction time	0.140	interval		1.05	0.98	0.95	0.99	0.94	0.97	0.97	0.99	1.00	1.21			2.98	2.90	2.96
wind	0.3 m/s	velocity	5.39	8.10	8.67	8.95	8.59	9.04	8.76	8.76	8.59	8.50	8.31	8.03		8.56	8.79	8.61

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 USATF Grand Prix (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	24-Apr-21	time	2.47	3.47	4.45	5.40	6.37	7.32	8.29	9.28	10.26	11.26		12.46	5 / 1			
reaction time		interval		1.00	0.98	0.95	0.97	0.95	0.97	0.99	0.98	1.00	1.20			2.93	2.89	2.97
wind	-0.3 m/s	velocity	5.26	8.50	8.67	8.95	8.76	8.95	8.76	8.59	8.67	8.50	8.37	8.03		8.70	8.82	8.59

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	22-Apr-22	time	2.50	3.50	4.50	5.46	6.42	7.38	8.34	9.32	10.30	11.30		12.46	6 / 1			
reaction time		interval		1.00	1.00	0.96	0.96	0.96	0.96	0.98	0.98	1.00	1.16			2.96	2.88	2.96
wind	0.8 m/s	velocity	5.20	8.50	8.50	8.85	8.85	8.85	8.85	8.67	8.67	8.50	8.66	8.03		8.61	8.85	8.61

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	30-Jun-22	time	2.48	3.48	4.47	5.44	6.38	7.33	8.30	9.27	10.27	11.27		12.46	5 / 1			
reaction time	0.143	interval		1.00	0.99	0.97	0.94	0.95	0.97	0.97	1.00	1.00	1.19			2.96	2.86	2.97
wind	-0.5 m/s	velocity	5.24	8.50	8.59	8.76	9.04	8.95	8.76	8.76	8.50	8.50	8.45	8.03		8.61	8.92	8.59

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.43	3.43	4.42	5.38	6.32	7.28	8.26	9.24	10.24	11.26		12.46	3 / 2			
reaction time	0.138	interval		1.00	0.99	0.96	0.94	0.96	0.98	0.98	1.00	1.02	1.20	NR PB		2.95	2.88	3.00
wind	-0.1 m/s	velocity	5.35	8.50	8.59	8.85	9.04	8.85	8.67	8.67	8.50	8.33	8.37	8.03		8.64	8.85	8.50

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	08-Jul-23	time	2.53	3.55	4.55	5.54	6.51	7.47	8.44	9.41	10.38	11.38		12.46	2 / 3			
reaction time		interval		1.02	1.00	0.99	0.97	0.96	0.97	0.97	0.97	1.00	1.08			3.01	2.90	2.94
wind	0.4 m/s	velocity	5.14	8.33	8.50	8.59	8.76	8.85	8.76	8.76	8.76	8.50	9.31	8.03		8.47	8.79	8.67

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	08-Jul-23	time	2.57	3.59	4.57	5.54	6.48	7.44	8.40	9.36	10.32	11.34		12.46	3 / 4			
reaction time		interval		1.02	0.98	0.97	0.94	0.96	0.96	0.96	0.96	1.02	1.12			2.97	2.86	2.94
wind	0.4 m/s	velocity	5.06	8.33	8.67	8.76	9.04	8.85	8.85	8.85	8.85	8.33	8.97	8.03		8.59	8.92	8.67

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 World Athletics Championships (Budapest, HUN) *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	24-Aug-23	time	2.58	3.60	4.57	5.52	6.47	7.42	8.39	9.37	10.35	11.38		12.46	4 / 3			
reaction time	0.155	interval		1.02	0.97	0.95	0.95	0.95	0.97	0.98	0.98	1.03	1.08			2.94	2.87	2.99
wind	-0.2 m/s	velocity	5.04	8.33	8.76	8.95	8.95	8.95	8.76	8.67	8.67	8.25	9.31	8.03		8.67	8.89	8.53

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	07-Jul-24	time	2.52	3.53	4.51	5.45	6.41	7.35	8.32	9.28	10.28	11.32		12.46	5 / 2				
reaction time	0.133	interval		1.01	0.98	0.94	0.96	0.94	0.97	0.96	1.00	1.04	1.14	NR PB		2.93	2.87	3.00	
wind	1.6 m/s	velocity	5.16	8.42	8.67	9.04	8.85	9.04	8.76	8.85	8.50	8.17	8.82	8.03		8.70	8.89	8.50	

Johnson, Alaysha (USA) (1996) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL) — *Omega Timing (2024) - diamond league race analysis*

date	25-Aug-24	time	2.39	3.41	4.34	5.32	6.24	7.18	8.17	9.18	10.17	11.21		12.46	7 / 2				
reaction time	0.145	interval		1.02	0.93	0.98	0.92	0.94	0.99	1.01	0.99	1.04	1.25			2.93	2.85	3.04	
wind	0.6 m/s	velocity	5.44	8.33	9.14	8.67	9.24	9.04	8.59	8.42	8.59	8.17	8.04	8.03		8.70	8.95	8.39	

Riefstahl-Oschkenat, Cornelia (GDR — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 1987 European Cup (Prague, TCH) — *Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.57	3.59	4.56	5.52	6.48	7.44	8.40	9.40	10.40	11.40		12.47	1 / 1				
reaction time		interval		1.02	0.97	0.96	0.96	0.96	0.96	1.00	1.00	1.00	1.07	CR		2.95	2.88	3.00	
wind	-0.9m/s	velocity	5.06	8.33	8.76	8.85	8.85	8.85	8.85	8.50	8.50	8.50	9.81	8.02		8.64	8.85	8.50	

Engquist, Ludmila (SWE) (1964) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 1999 IAAF World Championships (Sevilla, ESP) — *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	28-Aug-99	time	2.58	3.59	4.57	5.55	6.51	7.45	8.42	9.40	10.38	11.39		12.47	5 / 3				
reaction time	0.132	interval		1.01	0.98	0.98	0.96	0.94	0.97	0.98	0.98	1.01	1.08	NR		2.97	2.87	2.97	
wind	0.7 m/s	velocity	5.04	8.42	8.67	8.67	8.85	9.04	8.76	8.67	8.67	8.42	9.72	8.02		8.59	8.89	8.59	

Carruthers, Danielle (USA) (1979) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2011 IAAF World Championships (Daegu, KOR) — *KSSB (2011) - biomechanical analysis of women's 100m hurdle*

date	03-Sep-11	time	2.57	3.59	4.57	5.55	6.51	7.46	8.42	9.39	10.35	11.36		12.47	6 / 2				
reaction time	0.168	interval		1.02	0.98	0.98	0.96	0.95	0.96	0.97	0.96	1.01	1.11	PB		2.98	2.87	2.94	
wind	1.1 m/s	velocity	5.06	8.33	8.67	8.67	8.85	8.95	8.85	8.76	8.85	8.42	9.46	8.02		8.56	8.89	8.67	

Harper, Dawn (USA) (1984) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2011 IAAF World Championships (Daegu, KOR) — *KSSB (2011) - biomechanical analysis of women's 100m hurdle*

date	03-Sep-11	time	2.60	3.60	4.57	5.52	6.47	7.43	8.41	9.39	10.37	11.37		12.47	8 / 3				
reaction time	0.164	interval		1.00	0.97	0.95	0.95	0.96	0.98	0.98	0.98	1.00	1.10	PB		2.92	2.89	2.96	
wind	1.1 m/s	velocity	5.00	8.50	8.76	8.95	8.95	8.85	8.67	8.67	8.67	8.50	9.55	8.02		8.73	8.82	8.61	

McNeal, Brianna (USA) (1991) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	22-Jul-18	time	2.48	3.50	4.48	5.44	6.40	7.38	8.36	9.34	10.32	11.32		12.47	4 / 2				
reaction time	0.152	interval		1.02	0.98	0.96	0.96	0.98	0.98	0.98	0.98	1.00	1.15			2.96	2.92	2.96	
wind	0.6 m/s	velocity	5.24	8.33	8.67	8.85	8.85	8.67	8.67	8.67	8.67	8.50	9.13	8.02		8.61	8.73	8.61	

Williams, Danielle (JAM) (1992) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2019 IAAF World Championships (Doha, QAT) — *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.45	3.46	4.42	5.39	6.37	7.33	8.30	9.28	10.28	11.28		12.47	5 / 3				
reaction time	0.127	interval		1.01	0.96	0.97	0.98	0.96	0.97	0.98	1.00	1.00	1.19			2.94	2.91	2.98	
wind	0.3 m/s	velocity	5.31	8.42	8.85	8.76	8.67	8.85	8.76	8.67	8.50	8.50	8.45	8.02		8.67	8.76	8.56	

Harrison, Kendra (Keni) (USA) (1992 — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.45	3.45	4.43	5.39	6.34	7.30	8.26	9.22	10.22	11.24		12.47	4 / 1				
reaction time	0.186	interval		1.00	0.98	0.96	0.95	0.96	0.96	0.96	1.00	1.02	1.23			2.94	2.87	2.98	
wind	0.8 m/s	velocity	5.31	8.50	8.67	8.85	8.95	8.85	8.85	8.85	8.50	8.33	8.17	8.02		8.67	8.89	8.56	

Armstrong, Alia (USA) (2000) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	25-Jun-22	time	2.50	3.52	4.52	5.49	6.46	7.42	8.39	9.39	10.38	11.40		12.47	8 / 3				
reaction time		interval		1.02	1.00	0.97	0.97	0.96	0.97	1.00	0.99	1.02	1.07	PB		2.99	2.90	3.01	
wind	-1.4 m/s	velocity	5.20	8.33	8.50	8.76	8.76	8.85	8.76	8.50	8.59	8.33	9.39	8.02		8.53	8.79	8.47	

Jones, Tia (USA) (2000) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	26-Aug-22	time	2.47	3.50	4.47	5.44	6.41	7.37	8.34	9.31	10.28	11.27		12.47	8 / 3				
reaction time	0.161	interval		1.03	0.97	0.97	0.97	0.96	0.97	0.97	0.97	0.99	1.20	PB		2.97	2.90	2.93	
wind	-0.9 m/s	velocity	5.26	8.25	8.76	8.76	8.76	8.85	8.76	8.76	8.76	8.59	8.37	8.02		8.59	8.79	8.70	

Tapper, Megan (JAM) (1994) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2023 USATF Bermuda Grand Prix (Devonshire, BER) (TV Analysis) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	21-May-23	time	2.53	3.54	4.49	5.44	6.39	7.37	8.34	9.32	10.33	11.35		12.47	6 / 4				
reaction time	0.183	interval		1.01	0.95	0.95	0.95	0.98	0.97	0.98	1.01	1.02	1.12			2.91	2.90	3.01	
wind	3.5 m/s	velocity	5.14	8.42	8.95	8.95	8.95	8.67	8.76	8.67	8.42	8.33	8.97	8.02		8.76	8.79	8.47	

Amusan, Tobi (NGR) (1997) — H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2023 Athletissima (Lausanne, SUI) — *Omega Timing (2023) - diamond league race analysis*

date	30-Jun-23	time	2.43	3.46	4.44	5.39	6.34	7.29	8.25	9.23	10.22	11.24		12.47	4 / 2				

reaction time	0.133	interval		1.03	0.98	0.95	0.95	0.95	0.96	0.98	0.99	1.02	1.23			2.96	2.86	2.99
wind	-1.4 m/s	velocity	5.35	8.25	8.67	8.95	8.95	8.95	8.85	8.67	8.59	8.33	8.17	8.02		8.61	8.92	8.53

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)													*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23 time	2.41	3.44	4.43	5.40	6.36	7.31	8.27	9.25	10.23	11.23		12.47	3 / 4			
reaction time 0.140 interval		1.03	0.99	0.97	0.96	0.95	0.96	0.98	0.98	1.00	1.24			2.99	2.87	2.96
wind 1.8 m/s velocity	5.39	8.25	8.59	8.76	8.85	8.95	8.85	8.67	8.67	8.50	8.10	8.02		8.53	8.89	8.61

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.53	3.57	4.54	5.51	6.47	7.44	8.41	9.38	10.37	11.36		12.47	8 / 1			
reaction time interval		1.04	0.97	0.97	0.96	0.97	0.97	0.97	0.99	0.99	1.11	PB		2.98	2.90	2.95
wind -0.5 m/s velocity	5.14	8.17	8.76	8.76	8.85	8.76	8.76	8.76	8.59	8.59	9.05	8.02		8.56	8.79	8.64

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.45	3.46	4.47	5.40	6.36	7.33	8.26	9.26	10.24	11.26		12.47	8 / 6			
reaction time 0.162 interval		1.01	1.01	0.93	0.96	0.97	0.93	1.00	0.98	1.02	1.21			2.95	2.86	3.00
wind -0.5 m/s velocity	5.31	8.42	8.42	9.14	8.85	8.76	9.14	8.50	8.67	8.33	8.31	8.02		8.64	8.92	8.50

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Weltklasse (Zürich, SUI)													*Omega Timing (2024) - diamond league race analysis*			
date 05-Sep-24 time	2.44	3.48	4.48	5.45	6.42	7.37	8.33	9.31	10.28	11.27		12.47	5 / 3			
reaction time 0.149 interval		1.04	1.00	0.97	0.97	0.95	0.96	0.98	0.97	0.99	1.20			3.01	2.88	2.94
wind 0.8 m/s velocity	5.33	8.17	8.50	8.76	8.76	8.95	8.85	8.67	8.76	8.59	8.37	8.02		8.47	8.85	8.67

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time	2.54	3.55	4.52	5.48	6.43	7.38	8.36	9.33	10.34	11.37		12.48	4 / 1			
reaction time 0.161 interval		1.01	0.97	0.96	0.95	0.95	0.98	0.97	1.01	1.03	1.11	PB		2.94	2.88	3.01
wind 0.3 m/s velocity	5.12	8.42	8.76	8.85	8.95	8.95	8.67	8.76	8.42	8.25	9.46	8.01		8.67	8.85	8.47

Wells, Kellie (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 07-Aug-12 time	2.46	3.46	4.42	5.38	6.36	7.34	8.32	9.30	10.28	11.30		12.48	5 / 3			
reaction time 0.137 interval		1.00	0.96	0.96	0.98	0.98	0.98	0.98	0.98	1.02	1.18	PB		2.92	2.94	2.98
wind -0.2 m/s velocity	5.28	8.50	8.85	8.85	8.67	8.67	8.67	8.67	8.67	8.33	8.90	8.01		8.73	8.67	8.56

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 17-Aug-16 time	2.30	3.32	4.30	5.27	6.24	7.20	8.17	9.15	10.14	11.14		12.48	6 / 1			
reaction time 0.158 interval		1.02	0.98	0.97	0.97	0.96	0.97	0.98	0.99	1.00	1.34			2.97	2.90	2.97
wind 0.0 m/s velocity	5.65	8.33	8.67	8.76	8.76	8.85	8.76	8.67	8.59	8.50	7.84	8.01		8.59	8.79	8.59

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 09-Jul-17 time	2.48	3.48	4.46	5.42	6.38	7.34	8.30	9.26	10.26	11.30		12.48	4 / 2			
reaction time 0.139 interval		1.00	0.98	0.96	0.96	0.96	0.96	0.96	1.00	1.04	1.18			2.94	2.88	3.00
wind 0.2 m/s velocity	5.24	8.50	8.67	8.85	8.85	8.85	8.85	8.85	8.50	8.17	8.90	8.01		8.67	8.85	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 10-Jun-18 time	2.52	3.52	4.50	5.48	6.44	7.40	8.36	9.32	10.30	11.32		12.48	6 / 2			
reaction time 0.135 interval		1.00	0.98	0.98	0.96	0.96	0.96	0.96	0.98	1.02	1.16	PB		2.96	2.88	2.96
wind 1.3 m/s velocity	5.16	8.50	8.67	8.67	8.85	8.85	8.85	8.85	8.67	8.33	9.05	8.01		8.61	8.85	8.61

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2021) - Athlete First: 2019 year end hurdle report*			
date 05-Oct-19 time	2.48	3.50	4.48	5.44	6.38	7.34	8.28	9.26	10.26	11.26		12.48	9 / 1			
reaction time 0.121 interval		1.02	0.98	0.96	0.94	0.96	0.94	0.98	1.00	1.00	1.22	PB		2.96	2.84	2.98
wind 0.2 m/s velocity	5.24	8.33	8.67	8.85	9.04	8.85	9.04	8.67	8.50	8.50	8.24	8.01		8.61	8.98	8.56

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 06-Oct-19 time	2.49	3.52	4.49	5.45	6.41	7.38	8.33	9.32	10.30	11.33		12.48	5 / 1			
reaction time 0.124 interval		1.03	0.97	0.96	0.96	0.97	0.95	0.99	0.98	1.03	1.15	=PB		2.96	2.88	3.00
wind 0.6 m/s velocity	5.22	8.25	8.76	8.85	8.85	8.76	8.95	8.59	8.67	8.25	8.74	8.01		8.61	8.85	8.50

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
date 09-May-21 time	2.50	3.50	4.46	5.41	6.36	7.31	8.29	9.26	10.24	11.26		12.48	4 / 1			
reaction time 0.185 interval		1.00	0.96	0.95	0.95	0.95	0.98	0.97	0.98	1.02	1.22			2.91	2.88	2.97

wind	2.0 m/s	velocity	5.20	8.50	8.85	8.95	8.95	8.95	8.67	8.76	8.67	8.33	8.24	8.01			8.76	8.85	8.59

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 10-Jun-21	time	2.40	3.40	4.40	5.37	6.33	7.30	8.29	9.27	10.27	11.27		12.48	5 / 1			
reaction time 0.114	interval		1.00	1.00	0.97	0.96	0.97	0.99	0.98	1.00	1.00	1.21			2.97	2.92	2.98
wind -0.5 m/s	velocity	5.42	8.50	8.50	8.76	8.85	8.76	8.59	8.67	8.50	8.50	8.31	8.01		8.59	8.73	8.56

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22	time	2.46	3.46	4.43	5.38	6.35	7.33	8.33	9.30	10.30	11.30		12.48	3 / 1			
reaction time 0.149	interval		1.00	0.97	0.95	0.97	0.98	1.00	0.97	1.00	1.00	1.18			2.92	2.95	2.97
wind 0.5 m/s	velocity	5.28	8.50	8.76	8.95	8.76	8.67	8.50	8.76	8.50	8.50	8.52	8.01		8.73	8.64	8.59

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 05-May-23	time	2.56	3.60	4.58	5.56	6.50	7.46	8.42	9.40	10.36	11.36		12.48	4 / 1			
reaction time 0.148	interval		1.04	0.98	0.98	0.94	0.96	0.96	0.98	0.96	1.00	1.12			3.00	2.86	2.94
wind 1.1 m/s	velocity	5.08	8.17	8.67	8.67	9.04	8.85	8.85	8.67	8.85	8.50	8.97	8.01		8.50	8.92	8.67

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23	time	2.54	3.55	4.54	5.52	6.47	7.41	8.38	9.34	10.34	11.35		12.48	4 / 1			
reaction time 0.149	interval		1.01	0.99	0.98	0.95	0.94	0.97	0.96	1.00	1.01	1.13			2.98	2.86	2.97
wind 0.4 m/s	velocity	5.12	8.42	8.59	8.67	8.95	9.04	8.76	8.85	8.50	8.42	8.89	8.01		8.56	8.92	8.59

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)													*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23	time	2.43	3.47	4.46	5.42	6.37	7.32	8.28	9.25	10.24	11.24		12.48	9 / 5			
reaction time 0.148	interval		1.04	0.99	0.96	0.95	0.95	0.96	0.97	0.99	1.00	1.24			2.99	2.86	2.96
wind 1.8 m/s	velocity	5.35	8.17	8.59	8.85	8.95	8.95	8.85	8.76	8.59	8.50	8.10	8.01		8.53	8.92	8.61

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)													*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23	time	2.43	3.48	4.47	5.44	6.40	7.37	8.34	9.31	10.27	11.26		12.48	7 / 6			
reaction time 0.152	interval		1.05	0.99	0.97	0.96	0.97	0.97	0.97	0.96	0.99	1.22			3.01	2.90	2.92
wind 1.8 m/s	velocity	5.35	8.10	8.59	8.76	8.85	8.76	8.76	8.76	8.85	8.59	8.24	8.01		8.47	8.79	8.73

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2004 Olympic Games (Athens, GRE)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 23-Aug-04	time	2.57	3.55	4.54	5.51	6.45	7.42	8.39	9.37	10.37	11.39		12.49	4 / 1			
reaction time 0.171	interval		0.98	0.99	0.97	0.94	0.97	0.97	0.98	1.00	1.02	1.10			2.94	2.88	3.00
wind 1.7 m/s	velocity	5.06	8.67	8.59	8.76	9.04	8.76	8.76	8.67	8.50	8.33	9.55	8.01		8.67	8.85	8.50

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Championships (Osaka, JPN)													*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*			
date 29-Aug-07	time	2.48	3.45	4.43	5.42	6.36	7.30	8.28	9.25	10.25	11.27		12.49	4 / 2			
reaction time 0.132	interval		0.97	0.98	0.99	0.94	0.94	0.98	0.97	1.00	1.02	1.22			2.94	2.86	2.99
wind -0.1 m/s	velocity	5.24	8.76	8.67	8.59	9.04	9.04	8.67	8.76	8.50	8.33	8.61	8.01		8.67	8.92	8.53

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 ISTAF (Berlin, GER) *(TV Analysis)*													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 16-Sep-07	time	2.51	3.51	4.49	5.46	6.42	7.37	8.33	9.32	10.33	11.35		12.49	3 / 1			
reaction time 0.153	interval		1.00	0.98	0.97	0.96	0.95	0.96	0.99	1.01	1.02	1.14	PB		2.95	2.87	3.02
wind 0.9 m/s	velocity	5.18	8.50	8.67	8.76	8.85	8.95	8.85	8.59	8.42	8.33	9.21	8.01		8.64	8.89	8.44

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Melbourne Track Classic (Melbourne, AUS)													*kitkat1 (2012) - www.charliefrancis.com/community/showthread.php?22163-Sally-Pearson-s-12-49*			
date 03-Mar-12	time	2.55	3.55	4.53	5.51	6.47	7.44	8.41	9.39	10.38	11.41		12.49	/ 1			
reaction time	interval		1.00	0.98	0.98	0.96	0.97	0.97	0.98	0.99	1.03	1.08			2.96	2.90	3.00
wind 0.8 m/s	velocity	5.10	8.50	8.67	8.67	8.85	8.76	8.76	8.67	8.59	8.25	9.72	8.01		8.61	8.79	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)													*Henson (2021) - Athlete First: 2018 year end hurdle report*			
date 08-Sep-18	time	2.44	3.44	4.44	5.40	6.36	7.34	8.32	9.30	10.28	11.28		12.49	7 / 1			
reaction time 0.127	interval		1.00	1.00	0.96	0.96	0.98	0.98	0.98	0.98	1.00	1.21			2.96	2.92	2.96
wind -0.1 m/s	velocity	5.33	8.50	8.50	8.85	8.85	8.67	8.67	8.67	8.67	8.50	8.68	8.01		8.61	8.73	8.61

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 IAAF World Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 06-Oct-19	time	2.53	3.56	4.53	5.50	6.45	7.39	8.35	9.32	10.30	11.30		12.49	7 / 4			
reaction time 0.218	interval		1.03	0.97	0.97	0.95	0.94	0.96	0.97	0.98	1.00	1.19			2.97	2.85	2.95
wind 0.3 m/s	velocity	5.14	8.25	8.76	8.76	8.95	9.04	8.85	8.76	8.67	8.50	8.45	8.01		8.59	8.95	8.64

Harrison, Kendra (Keni) (USA) (1992	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 19-Jun-21 time	2.56	3.58	4.54	5.50	6.46	7.42	8.38	9.36	10.36	11.39		12.49	2 / 1			
reaction time 0.291 interval		1.02	0.96	0.96	0.96	0.96	0.96	0.98	1.00	1.03	1.10			2.94	2.88	3.01
wind -0.3 m/s velocity	5.08	8.33	8.85	8.85	8.85	8.85	8.85	8.67	8.50	8.25	9.14	8.01		8.67	8.85	8.47

Robinson, Kaylah (USA) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
University FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Mar-22 time	2.50	3.50	4.50	5.47	6.43	7.40	8.36	9.30	10.28	11.27		12.49	5 / 2			
reaction time interval		1.00	1.00	0.97	0.96	0.97	0.96	0.94	0.98	0.99	1.22			2.97	2.89	2.91
wind 2.5 m/s velocity	5.20	8.50	8.50	8.76	8.85	8.76	8.85	9.04	8.67	8.59	8.24	8.01		8.59	8.82	8.76

Harrison, Kendra (Keni) (USA) (1992	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Aug-22 time	2.47	3.50	4.50	5.46	6.43	7.40	8.34	9.32	10.30	11.32		12.49	4 / 2			
reaction time 0.140 interval		1.03	1.00	0.96	0.97	0.97	0.94	0.98	0.98	1.02	1.17			2.99	2.88	2.98
wind 2.4 m/s velocity	5.26	8.25	8.50	8.85	8.76	8.76	9.04	8.67	8.67	8.33	8.59	8.01		8.53	8.85	8.56

Camacho-Quinn, Jasmine (PUR) (19	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Sep-22 time	2.50	3.50	4.50	5.47	6.41	7.37	8.32	9.29	10.27	11.28		12.49	5 / 4			
reaction time 0.186 interval		1.00	1.00	0.97	0.94	0.96	0.95	0.97	0.98	1.01	1.21			2.97	2.85	2.96
wind -0.3 m/s velocity	5.20	8.50	8.50	8.76	9.04	8.85	8.95	8.76	8.67	8.42	8.31	8.01		8.59	8.95	8.61

Armstrong, Alia (USA) (2000)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 10-Jun-23 time	2.44	3.44	4.41	5.36	6.32	7.29	8.32	9.34	10.36	11.36		12.49	5 / 3			
reaction time interval		1.00	0.97	0.95	0.96	0.97	1.03	1.02	1.02	1.00	1.13			2.92	2.96	3.04
wind 3.8 m/s velocity	5.33	8.50	8.76	8.95	8.85	8.76	8.25	8.33	8.33	8.50	8.89	8.01		8.73	8.61	8.39

Tapper, Megan (JAM) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	2.41	3.45	4.43	5.40	6.36	7.32	8.28	9.25	10.24	11.24		12.49	8 / 4			
reaction time 0.150 interval		1.04	0.98	0.97	0.96	0.96	0.96	0.97	0.99	1.00	1.25			2.99	2.88	2.96
wind 0.9 m/s velocity	5.39	8.17	8.67	8.76	8.85	8.85	8.85	8.76	8.59	8.50	8.04	8.01		8.53	8.85	8.61

Charlton, Devynne (BAH) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.50	3.50	4.48	5.44	6.39	7.36	8.34	9.31	10.32	11.34		12.49	6 / 2			
reaction time 0.177 interval		1.00	0.98	0.96	0.95	0.97	0.98	0.97	1.01	1.02	1.15			2.94	2.90	3.00
wind 0.5 m/s velocity	5.20	8.50	8.67	8.85	8.95	8.76	8.67	8.76	8.42	8.33	8.74	8.01		8.67	8.79	8.50

Ali, Nia (USA) (1988)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.53	3.53	4.52	5.49	6.45	7.42	8.39	9.37	10.35	11.35		12.49	6 / 2			
reaction time 0.156 interval		1.00	0.99	0.97	0.96	0.97	0.97	0.98	0.98	1.00	1.14			2.96	2.90	2.96
wind -0.4 m/s velocity	5.14	8.50	8.59	8.76	8.85	8.76	8.76	8.67	8.67	8.50	8.82	8.01		8.61	8.79	8.61

Charlton, Devynne (BAH) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	2.39	3.41	4.39	5.36	6.32	7.27	8.24	9.22	10.23	11.23		12.49	6 / 2			
reaction time 0.144 interval		1.02	0.98	0.97	0.96	0.95	0.97	0.98	1.01	1.00	1.26			2.97	2.88	2.99
wind -0.2 m/s velocity	5.44	8.33	8.67	8.76	8.85	8.95	8.76	8.67	8.42	8.50	7.98	8.01		8.59	8.85	8.53

Kambundji, Ditaji (SUI) (2002)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 10-May-24 time	2.56	3.57	4.57	5.55	6.51	7.48	8.43	9.40	10.38	11.40		12.49	7 / 1			
reaction time 0.127 interval		1.01	1.00	0.98	0.96	0.97	0.95	0.97	0.98	1.02	1.09			2.99	2.88	2.97
wind 1.7 m/s velocity	5.08	8.42	8.50	8.67	8.85	8.76	8.95	8.76	8.67	8.33	9.22	8.01		8.53	8.85	8.59

Harrison, Kendra (Keni) (USA) (1992	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.59	3.63	4.60	5.57	6.51	7.45	8.41	9.39	10.38	11.38		12.49	3 / 1			
reaction time interval		1.04	0.97	0.97	0.94	0.94	0.96	0.98	0.99	1.00	1.11			2.98	2.84	2.97
wind 0.2 m/s velocity	5.02	8.17	8.76	8.76	9.04	9.04	8.85	8.67	8.59	8.50	9.05	8.01		8.56	8.98	8.59

Fourie, Marione (RSA) (2002)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 07-Jul-24 time	2.55	3.55	4.53	5.48	6.45	7.42	8.37	9.35	10.34	11.36		12.49	7 / 3			
reaction time 0.163 interval		1.00	0.98	0.95	0.97	0.97	0.95	0.98	0.99	1.02	1.13	NR PB		2.93	2.89	2.99
wind 1.6 m/s velocity	5.10	8.50	8.67	8.95	8.76	8.76	8.95	8.67	8.59	8.33	8.89	8.01		8.70	8.82	8.53

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.48	3.52	4.50	5.47	6.42	7.37	8.33	9.30	10.28	11.27		12.49	9 / 1			
reaction time 0.135 interval		1.04	0.98	0.97	0.95	0.95	0.96	0.97	0.98	0.99	1.22			2.99	2.86	2.94
wind -0.1 m/s velocity	5.24	8.17	8.67	8.76	8.95	8.95	8.85	8.76	8.67	8.59	8.24	8.01		8.53	8.92	8.67

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)													*Omega Timing (2024) - diamond league race analysis*			
date 22-Aug-24 time	2.43	3.46	4.44	5.39	6.33	7.28	8.24	9.22	10.22	11.24		12.49	6 / 4			
reaction time 0.142 interval		1.03	0.98	0.95	0.94	0.95	0.96	0.98	1.00	1.02	1.25			2.96	2.85	3.00
wind -0.9 m/s velocity	5.35	8.25	8.67	8.95	9.04	8.95	8.85	8.67	8.50	8.33	8.04	8.01		8.61	8.95	8.50

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.44	3.46	4.43	5.41	6.37	7.34	8.31	9.28	10.25	11.25		12.49	7 / 3			
reaction time 0.186 interval		1.02	0.97	0.98	0.96	0.97	0.97	0.97	0.97	1.00	1.24			2.97	2.90	2.94
wind -0.3 m/s velocity	5.33	8.33	8.76	8.67	8.85	8.76	8.76	8.76	8.76	8.50	8.10	8.01		8.59	8.79	8.67

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.34	3.42	4.40	5.36	6.31		8.23	9.22	10.19	11.19		12.49	5 / 3			
reaction time 0.138 interval		1.08	0.98	0.96	0.95		1.92	0.99	0.97	1.00	1.30			3.02	2.87	2.96
wind -0.3 m/s velocity	5.56	7.87	8.67	8.85	8.95		8.85	8.59	8.76	8.50	7.73	8.01		8.44	8.89	8.61

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.40	3.44	4.42	5.36	6.32	7.28	8.24	9.22	10.24	11.23		12.49	2 / 7			
reaction time 0.144 interval		1.04	0.98	0.94	0.96	0.96	0.96	0.98	1.02	0.99	1.26			2.96	2.88	2.99
wind -0.5 m/s velocity	5.42	8.17	8.67	9.04	8.85	8.85	8.85	8.67	8.33	8.59	7.98	8.01		8.61	8.85	8.53

Engquist, Ludmila (SWE) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 IAAF World Championships (Athens, GRE)													*Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
date 10-Aug-97 time	2.56	3.56	4.56	5.54	6.48	7.46	8.41	9.38	10.36	11.36		12.50	5 / 1			
reaction time 0.126 interval		1.00	1.00	0.98	0.94	0.98	0.95	0.97	0.98	1.00	1.14			2.98	2.87	2.95
wind -0.3 m/s velocity	5.08	8.50	8.50	8.67	9.04	8.67	8.95	8.76	8.67	8.50	9.21	8.00		8.56	8.89	8.64

Engquist, Ludmila (SWE) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99 time	2.53	3.53	4.51	5.48	6.45	7.39	8.34	9.32	10.29	11.30		12.50	4 / 1			
reaction time 0.135 interval		1.00	0.98	0.97	0.97	0.94	0.95	0.98	0.97	1.01	1.20			2.95	2.86	2.96
wind 1.9 m/s velocity	5.14	8.50	8.67	8.76	8.76	9.04	8.95	8.67	8.76	8.42	8.75	8.00		8.64	8.92	8.61

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Canadian National Championships (Windsor, CAN)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 14-Jul-07 time	2.65	3.65	4.62	5.57	6.52	7.45	8.40	9.40	10.39	11.39		12.50	/ 1			
reaction time interval		1.00	0.97	0.95	0.95	0.93	0.95	1.00	0.99	1.00	1.11			2.92	2.83	2.99
wind 4.3 m/s velocity	4.91	8.50	8.76	8.95	8.95	9.14	8.95	8.50	8.59	8.50	9.46	8.00		8.73	9.01	8.53

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Championships (Osaka, JPN)													*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*			
date 29-Aug-07 time	2.42	3.45	4.41	5.38	6.33	7.28	8.27	9.26	10.27	11.25		12.50	3 / 3			
reaction time 0.116 interval		1.03	0.96	0.97	0.95	0.95	0.99	0.99	1.01	0.98	1.25	PB		2.96	2.89	2.98
wind -0.1 m/s velocity	5.37	8.25	8.85	8.76	8.95	8.95	8.59	8.59	8.42	8.67	8.40	8.00		8.61	8.82	8.56

Onyia, Josephine (ESP) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 ISTAF (Berlin, GER) *(TV Analysis)*													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 01-Jun-08 time	2.58	3.60	4.58	5.55	6.51	7.48	8.46	9.43	10.41	11.42		12.50	/ 1			
reaction time 0.178 interval		1.02	0.98	0.97	0.96	0.97	0.98	0.97	0.98	1.01	1.08			2.97	2.91	2.96
wind 0.8 m/s velocity	5.04	8.33	8.67	8.76	8.85	8.76	8.67	8.76	8.67	8.42	9.72	8.00		8.59	8.76	8.61

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13 time	2.46	3.46	4.44	5.40	6.36	7.32	8.28	9.28	10.28	11.32		12.50	6 / 2			
reaction time 0.154 interval		1.00	0.98	0.96	0.96	0.96	0.96	1.00	1.00	1.04	1.18			2.94	2.88	3.04
wind -0.6 m/s velocity	5.28	8.50	8.67	8.85	8.85	8.85	8.85	8.50	8.50	8.17	8.90	8.00		8.67	8.85	8.39

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 08-Jul-16 time	2.50	3.53	4.53	5.50	6.47	7.40	8.37	9.34	10.34	11.31		12.50	3 / 2			
reaction time 0.175 interval		1.03	1.00	0.97	0.97	0.93	0.97	0.97	1.00	0.97	1.19	PB		3.00	2.87	2.94
wind 1.2 m/s velocity	5.20	8.25	8.50	8.76	8.76	9.14	8.76	8.76	8.50	8.76	8.82	8.00		8.50	8.89	8.67

McNeal, Brianna (USA) (1991)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	12-May-18	time	2.44	3.44	4.44	5.40	6.40	7.36	8.34	9.32	10.30	11.30		12.50	4 / 1		
reaction time	0.156	interval		1.00	1.00	0.96	1.00	0.96	0.98	0.98	0.98	1.00	1.20			2.96	2.94	2.96
wind	0.9 m/s	velocity	5.33	8.50	8.50	8.85	8.50	8.85	8.67	8.67	8.67	8.50	8.75	8.00		8.61	8.67	8.61

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	19-Jun-21	time	2.43	3.46	4.42	5.38	6.34	7.30	8.26	9.26	10.26	11.26		12.50	1 / 1		
reaction time	0.162	interval		1.03	0.96	0.96	0.96	0.96	0.96	1.00	1.00	1.00	1.24			2.95	2.88	3.00
wind	0.1 m/s	velocity	5.35	8.25	8.85	8.85	8.85	8.85	8.85	8.50	8.50	8.50	8.10	8.00		8.64	8.85	8.50

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.38	3.38	4.36	5.33	6.29	7.25	8.23	9.20	10.21	11.23		12.50	2 / 1		
reaction time	0.137	interval		1.00	0.98	0.97	0.96	0.96	0.98	0.97	1.01	1.02	1.27			2.95	2.90	3.00
wind	1.2 m/s	velocity	5.46	8.50	8.67	8.76	8.85	8.85	8.67	8.76	8.42	8.33	7.91	8.00		8.64	8.79	8.50

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.43	3.46	4.44	5.40	6.36	7.32	8.27	9.25	10.23	11.26		12.50	5 / 1		
reaction time	0.211	interval		1.03	0.98	0.96	0.96	0.96	0.95	0.98	0.98	1.03	1.24			2.97	2.87	2.99
wind	1.3 m/s	velocity	5.35	8.25	8.67	8.85	8.85	8.85	8.95	8.67	8.67	8.25	8.10	8.00		8.59	8.89	8.53

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	28-Aug-21	time	2.44	3.44	4.44	5.42	6.40	7.36	8.32	9.30	10.30	11.32		12.50	2 / 1		
reaction time	0.137	interval		1.00	1.00	0.98	0.98	0.96	0.96	0.98	1.00	1.02	1.18			2.98	2.90	3.00
wind	1.7 m/s	velocity	5.33	8.50	8.50	8.67	8.67	8.85	8.85	8.67	8.50	8.33	8.52	8.00		8.56	8.79	8.50

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Puerto Rico International Athletics Classic (Ponce, PUR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	12-May-22	time	2.52	3.54	4.53	5.50	6.45	7.40	8.37	9.34	10.36	11.34		12.50	2 / 1		
reaction time	0.155	interval		1.02	0.99	0.97	0.95	0.95	0.97	0.97	1.02	0.98	1.16	PB		2.98	2.87	2.97
wind	0.3 m/s	velocity	5.16	8.33	8.59	8.76	8.95	8.95	8.76	8.76	8.33	8.67	8.66	8.00		8.56	8.89	8.59

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	09-Jun-22	time	2.50	3.51	4.48	5.45	6.41	7.34	8.28	9.25	10.23	11.26		12.50	4 / 2		
reaction time	0.182	interval		1.01	0.97	0.97	0.96	0.93	0.94	0.97	0.98	1.03	1.24			2.95	2.83	2.98
wind	0.1 m/s	velocity	5.20	8.42	8.76	8.76	8.85	9.14	9.04	8.76	8.67	8.25	8.10	8.00		8.64	9.01	8.56

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	30-Jun-22	time	2.50	3.50	4.50	5.46	6.43	7.37	8.34	9.33	10.33	11.33		12.50	4 / 2		
reaction time	0.147	interval		1.00	1.00	0.96	0.97	0.94	0.97	0.99	1.00	1.00	1.17			2.96	2.88	2.99
wind	-0.5 m/s	velocity	5.20	8.50	8.50	8.85	8.76	9.04	8.76	8.59	8.50	8.50	8.59	8.00		8.61	8.85	8.53

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.50	3.50	4.47	5.45	6.42	7.37	8.33	9.30	10.30	11.30		12.50	5 / 4		
reaction time	0.158	interval		1.00	0.97	0.98	0.97	0.95	0.96	0.97	1.00	1.00	1.20	NR PB		2.95	2.88	2.97
wind	0.9 m/s	velocity	5.20	8.50	8.76	8.67	8.76	8.95	8.85	8.76	8.50	8.50	8.38	8.00		8.64	8.85	8.59

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	27-May-23	time	2.58	3.60	4.60	5.57	6.54	7.48	8.44	9.42	10.40	11.41		12.50	7 / 3		
reaction time	0.186	interval		1.02	1.00	0.97	0.97	0.94	0.96	0.98	0.98	1.01	1.09			2.99	2.87	2.97
wind	-0.2 m/s	velocity	5.04	8.33	8.50	8.76	8.76	9.04	8.85	8.67	8.67	8.42	9.22	8.00		8.53	8.89	8.59

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	08-Jul-23	time	2.55	3.57	4.55	5.53	6.48	7.44	8.41	9.38	10.36	11.35		12.50	7 / 5		
reaction time		interval		1.02	0.98	0.98	0.95	0.96	0.97	0.97	0.98	0.99	1.15			2.98	2.88	2.94
wind	0.4 m/s	velocity	5.10	8.33	8.67	8.67	8.95	8.85	8.76	8.76	8.67	8.59	8.74	8.00		8.56	8.85	8.67

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.52	3.56	4.54	5.51	6.47	7.44	8.40	9.35	10.35	11.35		12.50	9 / 1		
reaction time	0.160	interval		1.04	0.98	0.97	0.96	0.97	0.96	0.95	1.00	1.00	1.15			2.99	2.89	2.95
wind	0.0 m/s	velocity	5.16	8.17	8.67	8.76	8.85	8.76	8.85	8.95	8.50	8.50	8.74	8.00		8.53	8.82	8.64

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.53	3.53	4.51	5.47	6.45	7.42	8.40	9.37	10.35	11.37		12.50	3 / 3			
reaction time	0.141	interval		1.00	0.98	0.96	0.98	0.97	0.98	0.97	0.98	1.02	1.13			2.94	2.93	2.97
wind	0.5 m/s	velocity	5.14	8.50	8.67	8.85	8.67	8.76	8.67	8.76	8.67	8.33	8.89	8.00		8.67	8.70	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.51	3.50	4.48	5.44	6.40	7.38	8.35	9.34	10.34	11.36		12.50	4 / 3			
reaction time	0.133	interval		0.99	0.98	0.96	0.96	0.98	0.97	0.99	1.00	1.02	1.14			2.93	2.91	3.01
wind	-0.4 m/s	velocity	5.18	8.59	8.67	8.85	8.85	8.67	8.76	8.59	8.50	8.33	8.82	8.00		8.70	8.76	8.47

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

A FINAL - 2024 Resisprint International (La Chaux-de-Fonds, SUI) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	14-Jul-24	time	2.56	3.60	4.58	5.58	6.56	7.53	8.48	9.45	10.43	11.43		12.50	3 / 3			
reaction time		interval		1.04	0.98	1.00	0.98	0.97	0.95	0.97	0.98	1.00	1.07			3.02	2.90	2.95
wind	1.6 m/s	velocity	5.08	8.17	8.67	8.50	8.67	8.76	8.95	8.76	8.67	8.50	9.39	8.00		8.44	8.79	8.64

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	09-Aug-24	time	2.36	3.39	4.38	5.35	6.30	7.26	8.22	9.20	10.21	11.23		12.50	7 / 2			
reaction time	0.138	interval		1.03	0.99	0.97	0.95	0.96	0.96	0.98	1.01	1.02	1.27			2.99	2.87	3.01
wind	0.5 m/s	velocity	5.51	8.25	8.59	8.76	8.95	8.85	8.85	8.67	8.42	8.33	7.91	8.00		8.53	8.89	8.47

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis) *Henson (2025) - Athlete First: 2025 year end hurdle report*

date	02-May-25	time	2.64	3.64	4.60	5.54	6.50	7.46	8.43	9.41	10.41	11.41		12.50	8 / 5			
reaction time	0.200	interval		1.00	0.96	0.94	0.96	0.96	0.97	0.98	1.00	1.00	1.09			2.90	2.89	2.98
wind	2.0 m/s	velocity	4.92	8.50	8.85	9.04	8.85	8.85	8.76	8.67	8.50	8.50	9.22	8.00		8.79	8.82	8.56

Akimova, Vera (URS) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1984 USSR National Championships (Kiev, URS) *Breiser (1985) - over the hurdles with vera akimova and nadezdha korshunova*

date	22-Jun-84	time	2.56	3.56	4.56	5.52	6.50	7.48	8.44	9.44	10.44	11.48		12.51	/ 1			
reaction time	0.170	interval		1.00	1.00	0.96	0.98	0.98	0.96	1.00	1.00	1.04	1.03			2.96	2.92	3.04
wind	-0.5 m/s	velocity	5.08	8.50	8.50	8.85	8.67	8.67	8.85	8.50	8.50	8.17	10.19	7.99		8.61	8.73	8.39

Zagorcheva, Ginka (BUL) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 1987 IAAF World Championships (Rome, ITA) *Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*

date	03-Sep-87	time	2.56	3.57	4.57	5.57	6.54	7.53	8.49	9.46	10.45	11.45		12.51	2 / 1			
reaction time		interval		1.01	1.00	1.00	0.97	0.99	0.96	0.97	0.99	1.00	1.06			3.01	2.92	2.96
wind	-1.0 m/s	velocity	5.08	8.42	8.50	8.50	8.76	8.59	8.85	8.76	8.59	8.50	9.91	7.99		8.47	8.73	8.61

Shishigina, Olga (KZK) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	28-Aug-99	time	2.60	3.60	4.59	5.56	6.52	7.49	8.47	9.44	10.44	11.45		12.51	4 / 4			
reaction time	0.150	interval		1.00	0.99	0.97	0.96	0.97	0.98	0.97	1.00	1.01	1.06			2.96	2.91	2.98
wind	0.7 m/s	velocity	5.00	8.50	8.59	8.76	8.85	8.76	8.67	8.76	8.50	8.42	9.91	7.99		8.61	8.76	8.56

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 IAAF World Championships (Osaka, JPN) *(TV Analysis)* *Graubner (2008) - http://www.fgs.uni-halle.de*

date	29-Aug-07	time	2.54	3.53	4.50	5.48	6.43	7.40	8.36	9.34	10.34	11.38		12.51	5 / 4			
reaction time	0.142	interval		0.99	0.97	0.98	0.95	0.97	0.96	0.98	1.00	1.04	1.13	PB		2.94	2.88	3.02
wind	-0.1 m/s	velocity	5.12	8.59	8.76	8.67	8.95	8.76	8.85	8.67	8.50	8.17	9.29	7.99		8.67	8.85	8.44

Foster-Hylton, Brigette (JAM) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.60	3.60	4.59	5.56	6.51	7.46	8.43	9.41	10.39	11.40		12.51	4 / 1			
reaction time	0.157	interval		1.00	0.99	0.97	0.95	0.95	0.97	0.98	0.98	1.01	1.11			2.96	2.87	2.97
wind	0.2 m/s	velocity	5.00	8.50	8.59	8.76	8.95	8.95	8.76	8.67	8.67	8.42	9.46	7.99		8.61	8.89	8.59

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	13-Jul-18	time	2.44	3.46	4.44	5.42	6.38	7.34	8.32	9.32	10.30	11.30		12.51	5 / 1			
reaction time	0.131	interval		1.02	0.98	0.98	0.96	0.96	0.98	1.00	0.98	1.00	1.21			2.98	2.90	2.98
wind	0.1 m/s	velocity	5.33	8.33	8.67	8.67	8.85	8.85	8.67	8.50	8.67	8.50	8.68	7.99		8.56	8.79	8.56

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	22-Jul-18	time	2.44	3.44	4.44	5.42	6.38	7.34	8.34	9.30	10.32	11.32		12.51	9 / 3			
reaction time	0.139	interval		1.00	1.00	0.98	0.96	0.96	1.00	0.96	1.02	1.00	1.19			2.98	2.92	2.98
wind	0.6 m/s	velocity	5.33	8.50	8.50	8.67	8.85	8.85	8.50	8.85	8.33	8.50	8.82	7.99		8.56	8.73	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis) *Henson (2021) - Athlete First: 2019 year end hurdle report*

date	05-Oct-19	time	2.42	3.42	4.40	5.36	6.32	7.28	8.24	9.22	10.22	11.24		12.51	5 / 1			

reaction time	0.126	interval		1.00	0.98	0.96	0.96	0.96	0.96	0.98	1.00	1.02	1.27			2.94	2.88	3.00
wind	0.4 m/s	velocity	5.37	8.50	8.67	8.85	8.85	8.85	8.85	8.67	8.50	8.33	7.91	7.99		8.67	8.85	8.50

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.41	3.43	4.41	5.37	6.33	7.28	8.24	9.23	10.23	11.26		12.51	3 / 2			
reaction time 0.142 interval		1.02	0.98	0.96	0.96	0.95	0.96	0.99	1.00	1.03	1.25	PB		2.96	2.87	3.02
wind 1.2 m/s velocity	5.39	8.33	8.67	8.85	8.85	8.95	8.85	8.59	8.50	8.25	8.04	7.99		8.61	8.89	8.44

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.42	3.43	4.42	5.38	6.34	7.32	8.29	9.26	10.27	11.28		12.51	2 / 2			
reaction time 0.152 interval		1.01	0.99	0.96	0.96	0.98	0.97	0.97	1.01	1.01	1.23			2.96	2.91	2.99
wind 0.8 m/s velocity	5.37	8.42	8.59	8.85	8.85	8.67	8.76	8.76	8.42	8.42	8.17	7.99		8.61	8.76	8.53

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.49	3.49	4.50	5.45	6.38	7.34	8.29	9.25	10.28	11.30		12.51	7 / 2			
reaction time 0.153 interval		1.00	1.01	0.95	0.93	0.96	0.95	0.96	1.03	1.02	1.21			2.96	2.84	3.01
wind 0.0 m/s velocity	5.22	8.50	8.42	8.95	9.14	8.85	8.95	8.85	8.25	8.33	8.31	7.99		8.61	8.98	8.47

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 09-Sep-21 time	2.50	3.52	4.48	5.44	6.40	7.36	8.32	9.30	10.30	11.34		12.51	4 / 2			
reaction time 0.141 interval		1.02	0.96	0.96	0.96	0.96	0.96	0.98	1.00	1.04	1.17	NR PB		2.94	2.88	3.02
wind 0.4 m/s velocity	5.20	8.33	8.85	8.85	8.85	8.85	8.85	8.67	8.50	8.17	8.59	7.99		8.67	8.85	8.44

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 02-Sep-22 time	2.47	3.47	4.44	5.42	6.40	7.37	8.34	9.31	10.31	11.31		12.51	2 / 5			
reaction time 0.163 interval		1.00	0.97	0.98	0.98	0.97	0.97	0.97	1.00	1.00	1.20	PB		2.95	2.92	2.97
wind 0.1 m/s velocity	5.26	8.50	8.76	8.67	8.67	8.76	8.76	8.76	8.50	8.50	8.38	7.99		8.64	8.73	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23 time	2.50	3.47	4.44	5.41	6.37	7.34	8.30	9.28	10.28	11.32		12.51	3 / 3			
reaction time 0.116 interval		0.97	0.97	0.97	0.96	0.97	0.96	0.98	1.00	1.04	1.19			2.91	2.89	3.02
wind 0.1 m/s velocity	5.20	8.76	8.76	8.76	8.85	8.76	8.85	8.67	8.50	8.17	8.45	7.99		8.76	8.82	8.44

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23 time	2.58	3.58	4.56	5.53	6.50	7.45	8.42	9.38	10.36	11.41		12.51	3 / 2			
reaction time 0.168 interval		1.00	0.98	0.97	0.97	0.95	0.97	0.96	0.98	1.05	1.10			2.95	2.89	2.99
wind 0.4 m/s velocity	5.04	8.50	8.67	8.76	8.76	8.95	8.76	8.85	8.67	8.10	9.14	7.99		8.64	8.82	8.53

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Weltklasse (Zurich, SUI)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 06-Aug-04 time	2.64	3.60	4.60	5.55	6.49	7.49	8.45	9.42	10.42	11.46		12.52	/ 1			
reaction time interval		0.96	1.00	0.95	0.94	1.00	0.96	0.97	1.00	1.04	1.06			2.91	2.90	3.01
wind 0.0 m/s velocity	4.92	8.85	8.50	8.95	9.04	8.50	8.85	8.76	8.50	8.17	9.91	7.99		8.76	8.79	8.47

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 IAAF World Athletic Final (Stuttgart, GER) *(TV Analysis)*													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 10-Sep-06 time	2.58	3.58	4.57	5.54	6.50	7.48	8.45	9.42	10.42	11.44		12.52	6 / 1			
reaction time 0.135 interval		1.00	0.99	0.97	0.96	0.98	0.97	0.97	1.00	1.02	1.08			2.96	2.91	2.99
wind 0.6 m/s velocity	5.04	8.50	8.59	8.76	8.85	8.67	8.76	8.76	8.50	8.33	9.72	7.99		8.61	8.76	8.53

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 21-Jul-17 time	2.52	3.56	4.54	5.50	6.46	7.44	8.40	9.38	10.38	11.40		12.51	4 / 1			
reaction time 0.161 interval		1.04	0.98	0.96	0.96	0.98	0.96	0.98	1.00	1.02	1.11			2.98	2.90	3.00
wind -0.2 m/s velocity	5.16	8.17	8.67	8.85	8.85	8.67	8.85	8.67	8.50	8.33	9.46	7.99		8.56	8.79	8.50

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Athletissima (Lausanne, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23 time	2.43	3.47	4.46	5.42	6.37	7.33	8.29	9.27	10.26	11.27		12.51	3 / 3			
reaction time 0.139 interval		1.04	0.99	0.96	0.95	0.96	0.96	0.98	0.99	1.01	1.24			2.99	2.87	2.98
wind -1.4 m/s velocity	5.35	8.17	8.59	8.85	8.95	8.85	8.85	8.67	8.59	8.42	8.10	7.99		8.53	8.89	8.56

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 10-May-24 time	2.50	3.50	4.49	5.47	6.43	7.38	8.34	9.34	10.34	11.35		12.51	6 / 2			
reaction time 0.119 interval		1.00	0.99	0.98	0.96	0.95	0.96	1.00	1.00	1.01	1.16			2.97	2.87	3.01

wind	1.7 m/s	velocity	5.20	8.50	8.59	8.67	8.85	8.95	8.85	8.50	8.50	8.42	8.66	7.99		8.59	8.89	8.47

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)														*Henson (2020) - Athlete First: 2017 year end hurdle report*				
date	21-Jul-17	time	2.50	3.50	4.48	5.46	6.42	7.38	8.36	9.34	10.34	11.38		12.52	7 / 2			
reaction time	0.146	interval		1.00	0.98	0.98	0.96	0.96	0.98	0.98	1.00	1.04	1.14			2.96	2.90	3.02
wind	-0.2 m/s	velocity	5.20	8.50	8.67	8.67	8.85	8.85	8.67	8.67	8.50	8.17	9.21	7.99		8.61	8.79	8.44

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)														*Henson (2020) - Athlete First: 2018 year end hurdle report*				
date	12-May-18	time	2.46	3.44	4.40	5.38	6.34	7.30	8.28	9.26	10.28	11.28		12.52	6 / 2			
reaction time	0.145	interval		0.98	0.96	0.98	0.96	0.96	0.98	0.98	1.02	1.00	1.24			2.92	2.90	3.00
wind	0.9 m/s	velocity	5.28	8.67	8.85	8.67	8.85	8.85	8.67	8.67	8.33	8.50	8.47	7.99		8.73	8.79	8.50

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)														*Henson (2021) - Athlete First: 2018 year end hurdle report*				
date	08-Sep-18	time	2.44	3.46	4.44	5.40	6.36	7.34	8.30	9.28	10.26	11.28		12.52	3 / 2			
reaction time	0.174	interval		1.02	0.98	0.96	0.96	0.98	0.96	0.98	0.98	1.02	1.24			2.96	2.90	2.98
wind	-0.1 m/s	velocity	5.33	8.33	8.67	8.85	8.85	8.67	8.85	8.67	8.67	8.33	8.47	7.99		8.61	8.79	8.56

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)														*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date	30-May-19	time	2.52	3.54	4.52	5.48	6.46	7.44	8.42	9.40	10.38	11.38		12.52	5 / 1			
reaction time	0.137	interval		1.02	0.98	0.96	0.98	0.98	0.98	0.98	0.98	1.00	1.14			2.96	2.94	2.96
wind	1.3 m/s	velocity	5.16	8.33	8.67	8.85	8.67	8.67	8.67	8.67	8.67	8.50	9.21	7.99		8.61	8.67	8.61

Brissett, Chanel (USA) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis)														*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date	08-Jun-19	time	2.50	3.53	4.51	5.47	6.43	7.37	8.34	9.31	10.27	11.30		12.52	4 / 2			
reaction time	0.144	interval		1.03	0.98	0.96	0.96	0.94	0.97	0.97	0.96	1.03	1.22	PB		2.97	2.87	2.96
wind	0.6 m/s	velocity	5.20	8.25	8.67	8.85	8.85	9.04	8.76	8.76	8.85	8.25	8.61	7.99		8.59	8.89	8.61

Williams, Danielle (JAM) (1992)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)														*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date	12-Jul-19	time	2.46	3.48	4.44	5.40	6.36	7.32	8.32	9.32	10.32	11.34		12.52	3 / 2			
reaction time	0.150	interval		1.02	0.96	0.96	0.96	0.96	1.00	1.00	1.00	1.02	1.18			2.94	2.92	3.02
wind	0.1 m/s	velocity	5.28	8.33	8.85	8.85	8.85	8.85	8.50	8.50	8.50	8.33	8.90	7.99		8.67	8.73	8.44

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)														*Henson (2021) - Athlete First: 2021 year end hurdle report*				
date	02-Aug-21	time	2.44	3.48	4.46	5.42	6.38	7.36	8.30	9.28	10.26	11.28		12.52	4 / 2			
reaction time	0.158	interval		1.04	0.98	0.96	0.96	0.98	0.94	0.98	0.98	1.02	1.24			2.98	2.88	2.98
wind	-0.3 m/s	velocity	5.33	8.17	8.67	8.85	8.85	8.67	9.04	8.67	8.67	8.33	8.10	7.99		8.56	8.85	8.56

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Puerto Rico International Athletics Classic (Ponce, PUR) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	12-May-22	time	2.65	3.67	4.63	5.58	6.52	7.48	8.42	9.37	10.36	11.34		12.52	5 / 2			
reaction time	0.367	interval		1.02	0.96	0.95	0.94	0.96	0.94	0.95	0.99	0.98	1.18			2.93	2.84	2.92
wind	0.3 m/s	velocity	4.91	8.33	8.85	8.95	9.04	8.85	9.04	8.95	8.59	8.67	8.52	7.99		8.70	8.98	8.73

Camacho-Quinn, Jasmine (PUR) (19			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	23-Jul-22	time	2.52	3.56	4.53	5.50	6.46	7.40	8.36	9.34	10.32	11.32		12.52	7 / 1			
reaction time	0.185	interval		1.04	0.97	0.97	0.96	0.94	0.96	0.98	0.98	1.00	1.20			2.98	2.86	2.96
wind	-0.4 m/s	velocity	5.16	8.17	8.76	8.76	8.85	9.04	8.85	8.67	8.67	8.50	8.38	7.99		8.56	8.92	8.61

Tapper, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	24-Jul-22	time	2.46	3.46	4.44	5.42	6.38	7.32	8.30	9.27	10.29	11.32		12.52	4 / 3			
reaction time	0.173	interval		1.00	0.98	0.98	0.96	0.94	0.98	0.97	1.02	1.03	1.20	PB		2.96	2.88	3.02
wind	-0.1 m/s	velocity	5.28	8.50	8.67	8.67	8.85	9.04	8.67	8.76	8.33	8.25	8.38	7.99		8.61	8.85	8.44

Johnson, Alaysha (USA) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	27-May-23	time	2.57	3.60	4.60	5.58	6.54	7.50	8.48	9.46	10.44	11.42		12.52	2 / 4			
reaction time	0.178	interval		1.03	1.00	0.98	0.96	0.96	0.98	0.98	0.98	0.98	1.10			3.01	2.90	2.94
wind	-0.2 m/s	velocity	5.06	8.25	8.50	8.67	8.85	8.85	8.67	8.67	8.67	8.67	9.14	7.99		8.47	8.79	8.67

Amusan, Tobi (NGR) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2023) - diamond league race analysis*				
date	02-Jul-23	time	2.44	3.48	4.46	5.42	6.38	7.34	8.32	9.30	10.29	11.28		12.52	4 / 1			
reaction time	0.145	interval		1.04	0.98	0.96	0.96	0.96	0.98	0.98	0.99	0.99	1.24			2.98	2.90	2.96
wind	0.9 m/s	velocity	5.33	8.17	8.67	8.85	8.85	8.85	8.67	8.67	8.59	8.59	8.10	7.99		8.56	8.79	8.61

Charlton, Devynne (BAH) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)																		
Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season																		
date	24-Aug-23	time	2.51	3.53	4.52	5.51	6.48	7.44	8.41	9.41	10.41	11.43		12.52	6 / 4			
reaction time	0.149	interval		1.02	0.99	0.99	0.97	0.96	0.97	1.00	1.00	1.02	1.09			3.00	2.90	3.02
wind	-0.2 m/s	velocity	5.18	8.33	8.59	8.59	8.76	8.85	8.76	8.50	8.50	8.33	9.22	7.99		8.50	8.79	8.44

Samba-Mayela, Cyréna (FRA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)																		
Omega Timing (2024) - diamond league race analysis																		
date	25-May-24	time	2.44	3.46	4.45	5.41	6.36	7.33	8.30	9.29	10.28	11.30		12.52	8 / 1			
reaction time	0.132	interval		1.02	0.99	0.96	0.95	0.97	0.97	0.99	0.99	1.02	1.22	=NR =PB		2.97	2.89	3.00
wind	-0.9 m/s	velocity	5.33	8.33	8.59	8.85	8.95	8.76	8.76	8.59	8.59	8.33	8.24	7.99		8.59	8.82	8.50

Stark, Grace (USA) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
Henson (2024) - Athlete First: 2024 year end hurdle report																		
date	28-Jun-24	time	2.55	3.55	4.52	5.49	6.49	7.48	8.46	9.45	10.44	11.43		12.52	8 / 2			
reaction time		interval		1.00	0.97	0.97	1.00	0.99	0.98	0.99	0.99	0.99	1.09			2.94	2.97	2.97
wind	0.2 m/s	velocity	5.10	8.50	8.76	8.76	8.50	8.59	8.67	8.59	8.59	8.59	9.22	7.99		8.67	8.59	8.59

Clemons, Christina (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
Henson (2024) - Athlete First: 2024 year end hurdle report																		
date	29-Jun-24	time	2.54	3.57	4.55	5.52	6.48	7.45	8.41	9.38	10.38	11.39		12.52	6 / 1			
reaction time		interval		1.03	0.98	0.97	0.96	0.97	0.96	0.97	1.00	1.01	1.13			2.98	2.89	2.98
wind	0.8 m/s	velocity	5.12	8.25	8.67	8.76	8.85	8.76	8.85	8.76	8.50	8.42	8.89	7.99		8.56	8.82	8.56

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
Henson (2024) - Athlete First: 2024 year end hurdle report																		
date	29-Jun-24	time	2.57	3.62	4.61	5.56	6.51	7.47	8.42	9.41	10.38	11.38		12.52	7 / 2			
reaction time		interval		1.05	0.99	0.95	0.95	0.96	0.95	0.99	0.97	1.00	1.14			2.99	2.86	2.96
wind	0.8 m/s	velocity	5.06	8.10	8.59	8.95	8.95	8.85	8.95	8.59	8.76	8.50	8.82	7.99		8.53	8.92	8.61

Samba-Mayela, Cyréna (FRA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																		
Paris 2024 Olympic Games - Results Book (2024)																		
date	09-Aug-24	time	2.42	3.44	4.44	5.41	6.38	7.33	8.29	9.26	10.24	11.23		12.52	6 / 4			
reaction time	0.147	interval		1.02	1.00	0.97	0.97	0.95	0.96	0.97	0.98	0.99	1.29			2.99	2.88	2.94
wind	-0.7 m/s	velocity	5.37	8.33	8.50	8.76	8.76	8.95	8.85	8.76	8.67	8.59	7.79	7.99		8.53	8.85	8.67

Visser, Nadine (NED) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)																		
Omega Timing (2024) - diamond league race analysis																		
date	25-Aug-24	time	2.46	3.45	4.41	5.37	6.31	7.28	8.25	9.21	10.21	11.24		12.52	4 / 3			
reaction time	0.153	interval		0.99	0.96	0.96	0.94	0.97	0.97	0.96	1.00	1.03	1.28			2.91	2.88	2.99
wind	0.6 m/s	velocity	5.28	8.59	8.85	8.85	9.04	8.76	8.76	8.85	8.50	8.25	7.85	7.99		8.76	8.85	8.53

Marshall, Tonea (USA) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)																		
Omega Timing (2024) - diamond league race analysis																		
date	25-Aug-24	time	2.37	3.37	4.35	5.33	6.28	7.23	8.21	9.22	10.23	11.27		12.52	8 / 4			
reaction time	0.126	interval		1.00	0.98	0.98	0.95	0.95	0.98	1.01	1.01	1.04	1.25			2.96	2.88	3.06
wind	0.6 m/s	velocity	5.49	8.50	8.67	8.67	8.95	8.95	8.67	8.42	8.42	8.17	8.04	7.99		8.61	8.85	8.33

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)																		
Omega Timing (2024) - diamond league race analysis																		
date	25-Aug-24	time	2.44	3.46	4.43	5.41	6.39	7.36	8.33	9.29	10.28	11.28		12.52	3 / 8			
reaction time	0.153	interval		1.02	0.97	0.98	0.98	0.97	0.97	0.96	0.99	1.00	1.24			2.97	2.92	2.95
wind	-0.5 m/s	velocity	5.33	8.33	8.76	8.67	8.67	8.76	8.76	8.85	8.59	8.50	8.10	7.99		8.59	8.73	8.64

Visser, Nadine (NED) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)																		
Omega Timing (2024) - diamond league race analysis																		
date	30-Aug-24	time	2.44	3.46	4.43	5.40	6.36	7.33	8.30	9.29	10.28	11.28		12.52	3 / 3			
reaction time	0.145	interval		1.02	0.97	0.97	0.96	0.97	0.97	0.99	0.99	1.00	1.24			2.96	2.90	2.98
wind	-0.4 m/s	velocity	5.33	8.33	8.76	8.76	8.85	8.76	8.76	8.59	8.59	8.50	8.10	7.99		8.61	8.79	8.56

Donkova, Yordanka (BUL) (1961)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 European Cup (Prague, TCH)																		
Sušanka (1987) - hints on computer processing of biomechanical data																		
date	28-Jun-87	time	2.57	3.59	4.57	5.56	6.52	7.48	8.44	9.44	10.47	11.47		12.53	7 / 2			
reaction time		interval		1.02	0.98	0.99	0.96	0.96	0.96	1.00	1.03	1.00	1.06			2.99	2.88	3.03
wind	-0.9m/s	velocity	5.06	8.33	8.67	8.59	8.85	8.85	8.85	8.50	8.25	8.50	9.91	7.98		8.53	8.85	8.42

Devers, Gail (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 3 - 1999 IAAF World Championships (Sevilla, ESP)																		
Sanchez (1999) - Sevilla '99: análisis de la carreras con villas																		
date	26-Aug-99	time	2.51	3.51	4.50	5.47	6.46	7.42	8.40	9.39	10.38	11.40		12.53	4 / 1			
reaction time	0.145	interval		1.00	0.99	0.97	0.99	0.96	0.98	0.99	0.99	1.02	1.13			2.96	2.93	3.00
wind	-0.6 m/s	velocity	5.18	8.50	8.59	8.76	8.59	8.85	8.67	8.59	8.59	8.33	9.29	7.98		8.61	8.70	8.50

Felicien, Perdita (CAN) (1980)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2003 IAAF World Championships (Paris, FRA)																		
date	27-Aug-03	time	2.59	3.60	4.59	5.54	6.51	7.46	8.46	9.44	10.44	11.44		12.53	4 / 1			
reaction time	0.147	interval		1.01	0.99	0.95	0.97	0.95	1.00	0.98	1.00	1.00	1.09	NR		2.95	2.92	2.98
wind	-0.2 m/s	velocity	5.02	8.42	8.59	8.95	8.76	8.95	8.50	8.67	8.50	8.50	9.63	7.98		8.64	8.73	8.56

Winckler (2009) - UK Athletics- National Coaching Conference

Pearson, Sally (AUS) (1986)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2011 IAAF World Championships (Daegu, KOR)																		
date	02-Sep-11	time	2.52	3.51	4.50	5.47	6.44	7.42	8.38	9.38	10.38	11.40		12.53	2 / 1			
reaction time	0.141	interval		0.99	0.99	0.97	0.97	0.98	0.96	1.00	1.00	1.02	1.13			2.95	2.91	3.02
wind	-0.6 m/s	velocity	5.16	8.59	8.59	8.76	8.76	8.67	8.85	8.50	8.50	8.33	9.29	7.98		8.64	8.76	8.44

KSSB (2011) - biomechanical analysis of women's 100m hurdle

Rollins, Brianna (USA) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)																		
date	28-May-16	time	2.44	3.44	4.38	5.34	6.30	7.30	8.30	9.28	10.30	11.32		12.53	3 / 2			
reaction time		interval		1.00	0.94	0.96	0.96	1.00	1.00	0.98	1.02	1.02	1.21			2.90	2.96	3.02
wind	0.7 m/s	velocity	5.33	8.50	9.04	8.85	8.85	8.50	8.50	8.67	8.33	8.33	8.68	7.98		8.79	8.61	8.44

Henson (2020) - Athlete First: 2016 year end hurdle report

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis)																		
date	06-Jul-17	time	2.46	3.46	4.44	5.41	6.37	7.33	8.30	9.30	10.30	11.30		12.53	6 / 1			
reaction time	0.129	interval	7 Steps	1.00	0.98	0.97	0.96	0.96	0.97	1.00	1.00	1.00	1.23			2.95	2.89	3.00
wind	-0.1 m/s	velocity	5.28	8.50	8.67	8.76	8.85	8.85	8.76	8.50	8.50	8.50	8.54	7.98		8.64	8.82	8.50

Henson (2020) - Athlete First: 2017 year end hurdle report

Pearson, Sally (AUS) (1986)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)																		
date	11-Aug-17	time	2.39	3.43	4.42	5.40	6.37	7.31	8.28	9.27	10.27	11.29		12.53	6 / 1			
reaction time	0.119	interval		1.04	0.99	0.98	0.97	0.94	0.97	0.99	1.00	1.02	1.24			3.01	2.88	3.01
wind	0.5 m/s	velocity	5.44	8.17	8.59	8.67	8.76	9.04	8.76	8.59	8.50	8.33	8.47	7.98		8.47	8.85	8.47

Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis)																		
date	04-May-18	time	2.48	3.50	4.50	5.48	6.44	7.40	8.36	9.34	10.32	11.32		12.53	5 / 1			
reaction time	0.154	interval		1.02	1.00	0.98	0.96	0.96	0.96	0.98	0.98	1.00	1.21			3.00	2.88	2.96
wind	0.5 m/s	velocity	5.24	8.33	8.50	8.67	8.85	8.85	8.85	8.67	8.67	8.50	8.68	7.98		8.50	8.85	8.61

Henson (2020) - Athlete First: 2018 year end hurdle report

Sember, Cindy (GBR) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)																		
date	09-May-21	time	2.53	3.54	4.53	5.50	6.47	7.43	8.39	9.38	10.37	11.37		12.53	3 / 2			
reaction time	0.173	interval		1.01	0.99	0.97	0.97	0.96	0.96	0.99	0.99	1.00	1.16	PB		2.97	2.89	2.98
wind	2.0 m/s	velocity	5.14	8.42	8.59	8.76	8.76	8.85	8.85	8.59	8.59	8.50	8.66	7.98		8.59	8.82	8.56

Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season

Clemons, Christina (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	20-Jun-21	time	2.44	3.44	4.45	5.42	6.37	7.34	8.30	9.27	10.29	11.31		12.53	6 / 3			
reaction time	0.139	interval		1.00	1.01	0.97	0.95	0.97	0.96	0.97	1.02	1.02	1.22			2.98	2.88	3.01
wind	0.8 m/s	velocity	5.33	8.50	8.42	8.76	8.95	8.76	8.85	8.76	8.33	8.33	8.24	7.98		8.56	8.85	8.47

Henson (2021) - Athlete First: 2021 year end hurdle report

Cunningham, Gabriele (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	20-Jun-21	time	2.45	3.46	4.44	5.40	6.37	7.34	8.30	9.28	10.29	11.30		12.53	8 / 4			
reaction time	0.153	interval		1.01	0.98	0.96	0.97	0.97	0.96	0.98	1.01	1.01	1.23	PB		2.95	2.90	3.00
wind	0.8 m/s	velocity	5.31	8.42	8.67	8.85	8.76	8.76	8.85	8.67	8.42	8.42	8.17	7.98		8.64	8.79	8.50

Henson (2021) - Athlete First: 2021 year end hurdle report

Tapper, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																		
date	31-Jul-21	time	2.56	3.57	4.54	5.50	6.47	7.43	8.39	9.37	10.37	11.37		12.53	5 / 2			
reaction time	0.163	interval		1.01	0.97	0.96	0.97	0.96	0.96	0.98	1.00	1.00	1.16	PB		2.94	2.89	2.98
wind	0.3 m/s	velocity	5.08	8.42	8.76	8.85	8.76	8.85	8.85	8.67	8.50	8.50	8.66	7.98		8.67	8.82	8.56

Henson (2024) - Athlete First: 2021 year end hurdle report

Jones, Tia (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis)																		
date	12-Jun-22	time	2.53	3.53	4.53	5.50	6.47	7.43	8.40	9.35	10.33	11.35		12.53	6 / 2			
reaction time	0.161	interval		1.00	1.00	0.97	0.97	0.96	0.97	0.95	0.98	1.02	1.18	PB		2.97	2.90	2.95
wind	2.0 m/s	velocity	5.14	8.50	8.50	8.76	8.76	8.85	8.76	8.95	8.67	8.33	8.52	7.98		8.59	8.79	8.64

Henson (2022) - Athlete First: 2022 year end hurdle report

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis)																		
date	30-Jun-22	time	2.48	3.50	4.47	5.43	6.43	7.40	8.37	9.33	10.34	11.34		12.53	6 / 3			
reaction time	0.160	interval		1.02	0.97	0.96	1.00	0.97	0.97	0.96	1.01	1.00	1.19			2.95	2.94	2.97
wind	-0.5 m/s	velocity	5.24	8.33	8.76	8.85	8.50	8.76	8.76	8.85	8.42	8.50	8.45	7.98		8.64	8.67	8.59

Henson (2022) - Athlete First: 2022 year end hurdle report

Charlton, Devynne (BAH) (1995)	**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**

FINAL - 2022 World Athletics Championships (Eugene, OR) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	24-Jul-22	time	2.52	3.51	4.47	5.41	6.35	7.35	8.34	9.34	10.37	11.39		12.53	8 / 7			
reaction time	0.129	interval		0.99	0.96	0.94	0.94	1.00	0.99	1.00	1.03	1.02	1.14			2.89	2.93	3.05
wind	2.5 m/s	velocity	5.16	8.59	8.85	9.04	9.04	8.50	8.59	8.50	8.25	8.33	8.82	7.98		8.82	8.70	8.36

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	21-Aug-22	time	2.52	3.52	4.52	5.48	6.45	7.41	8.39	9.35	10.33	11.33		12.53	6 / 1			
reaction time	0.134	interval		1.00	1.00	0.96	0.97	0.96	0.98	0.96	0.98	1.00	1.20			2.96	2.91	2.94
wind	-0.1 m/s	velocity	5.16	8.50	8.50	8.85	8.76	8.85	8.67	8.85	8.67	8.50	8.38	7.98		8.61	8.76	8.67

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	10-May-24	time	2.57	3.57	4.58	5.55	6.51	7.47	8.44	9.41	10.41	11.41		12.53	3 / 3			
reaction time	0.124	interval		1.00	1.01	0.97	0.96	0.96	0.97	0.97	1.00	1.00	1.12			2.98	2.89	2.97
wind	1.7 m/s	velocity	5.06	8.50	8.42	8.76	8.85	8.85	8.76	8.76	8.50	8.50	8.97	7.98		8.56	8.82	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Jamaican National Senior Championships (Kingston, JAM) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.52	3.53	4.50	5.50	6.47	7.44	8.42	9.42	10.42	11.44		12.53	4 / 2			
reaction time	0.168	interval		1.01	0.97	1.00	0.97	0.97	0.98	1.00	1.00	1.02	1.09			2.98	2.92	3.02
wind	0.1 m/s	velocity	5.16	8.42	8.76	8.50	8.76	8.76	8.67	8.50	8.50	8.33	9.22	7.98		8.56	8.73	8.44

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.46	3.51	4.51	5.48	6.44	7.40	8.37	9.34	10.32	11.31		12.53	6 / 1			
reaction time	0.151	interval		1.05	1.00	0.97	0.96	0.96	0.97	0.97	0.98	0.99	1.22			3.02	2.89	2.94
wind	0.8 m/s	velocity	5.28	8.10	8.50	8.76	8.85	8.85	8.76	8.76	8.67	8.59	8.24	7.98		8.44	8.82	8.67

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.43	3.46	4.45	5.41	6.36	7.31	8.28	9.26	10.26	11.28		12.53	9 / 1			
reaction time	0.148	interval		1.03	0.99	0.96	0.95	0.95	0.97	0.98	1.00	1.02	1.25			2.98	2.87	3.00
wind	0.8 m/s	velocity	5.35	8.25	8.59	8.85	8.95	8.95	8.76	8.67	8.50	8.33	8.04	7.98		8.56	8.89	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Athletissima (Lausanne, SUI) *Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.42	3.45	4.44	5.40	6.36	7.32	8.31	9.31	10.30	11.31		12.53	1 / 5			
reaction time	0.138	interval		1.03	0.99	0.96	0.96	0.96	0.99	1.00	0.99	1.01	1.22			2.98	2.91	3.00
wind	-0.9 m/s	velocity	5.37	8.25	8.59	8.85	8.85	8.85	8.59	8.50	8.59	8.42	8.24	7.98		8.56	8.76	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2025 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2025) - diamond league race analysis*

date	26-Apr-25	time	2.47	3.50	4.48	5.46	6.42	7.38	8.35	9.33	10.31	11.31		12.53	3 / 1			
reaction time	0.123	interval		1.03	0.98	0.98	0.96	0.96	0.97	0.98	0.98	1.00	1.22			2.99	2.89	2.96
wind	-0.2 m/s	velocity	5.26	8.25	8.67	8.67	8.85	8.85	8.76	8.67	8.67	8.50	8.24	7.98		8.53	8.82	8.61

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 ISTAF (Berlin, GER) *(TV Analysis)* *Graubner (2008) - http://www.fgs.uni-halle.de*

date	01-Jun-08	time	2.58	3.57	4.55	5.52	6.49	7.46	8.42	9.40	10.41	11.44		12.54	/ 2			
reaction time	0.203	interval		0.99	0.98	0.97	0.97	0.97	0.96	0.98	1.01	1.03	1.10			2.94	2.90	3.02
wind	0.8 m/s	velocity	5.04	8.59	8.67	8.76	8.76	8.76	8.85	8.67	8.42	8.25	9.55	7.97		8.67	8.79	8.44

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Olympic Games (Beijing, CHN) *Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*

date	19-Aug-08	time	2.55	3.59	4.53	5.51	6.50	7.46	8.45	9.44	10.43	11.44		12.54	6 / 1			
reaction time	0.193	interval		1.04	0.94	0.98	0.99	0.96	0.99	0.99	0.99	1.01	1.10	PB		2.96	2.94	2.99
wind	0.1 m/s	velocity	5.10	8.17	9.04	8.67	8.59	8.85	8.59	8.59	8.59	8.42	9.55	7.97		8.61	8.67	8.53

Onyia, Josephine (ESP) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	13-Sep-08	time	2.55	3.59	4.58	5.54	6.50	7.47	8.45	9.44	10.43	11.46		12.54	6 / ~~1~~			
reaction time	0.154	interval		1.04	0.99	0.96	0.96	0.97	0.98	0.99	0.99	1.03	1.08	DV		2.99	2.91	3.01
wind	0.3 m/s	velocity	5.10	8.17	8.59	8.85	8.85	8.76	8.67	8.59	8.59	8.25	9.72	7.97		8.53	8.76	8.47

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2009 DN Gala (Stockholm, SWE) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	31-Jul-09	time	2.45	3.43	4.39	5.34	6.36	7.34	8.26	9.18	10.18	11.22		12.54	/ 1			
reaction time		interval		0.98	0.96	0.95	1.02	0.98	0.92	0.92	1.00	1.04	1.32			2.89	2.92	2.96
wind	1.8 m/s	velocity	5.31	8.67	8.85	8.95	8.33	8.67	9.24	9.24	8.50	8.17	7.95	7.97		8.82	8.73	8.61

Foster-Hylton, Brigette (JAM) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.58	3.60	4.59	5.56	6.52	7.48	8.44	9.44	10.44	11.46		12.54	5 / 1			
reaction time	0.108	interval		1.02	0.99	0.97	0.96	0.96	0.96	1.00	1.00	1.02	1.08			2.98	2.88	3.02
wind	0.1 m/s	velocity	5.04	8.33	8.59	8.76	8.85	8.85	8.85	8.50	8.50	8.33	9.72	7.97		8.56	8.85	8.44

Lopes-Schliep, Priscilla (CAN) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.56	3.58	4.58	5.57	6.54	7.50	8.47	9.46	10.44	11.46		12.54	6 / 2			
reaction time	0.128	interval		1.02	1.00	0.99	0.97	0.96	0.97	0.99	0.98	1.02	1.08			3.01	2.90	2.99
wind	0.2 m/s	velocity	5.08	8.33	8.50	8.59	8.76	8.85	8.76	8.59	8.67	8.33	9.72	7.97		8.47	8.79	8.53

Ennis, Jessica (GBR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 5 - 2012 Olympic Games (London, GBR) — *Hollman (2012) - uka 2012 olympic games report: combined events*

date	03-Aug-12	time	2.66	3.68	4.64	5.62	6.60	7.58	8.54	9.52	10.52	11.54		12.54	8 / 1			
reaction time	0.180	interval		1.02	0.96	0.98	0.98	0.98	0.96	0.98	1.00	1.02	1.00	NR		2.96	2.92	3.00
wind	1.3 m/s	velocity	4.89	8.33	8.85	8.67	8.67	8.67	8.85	8.67	8.50	8.33	10.50	7.97		8.61	8.73	8.50

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi Final 2 - 2021 NCAA Championships (Eugene, OR) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	10-Jun-21	time	2.53	3.53	4.50	5.47	6.43	7.40	8.37	9.33	10.33	11.37		12.54	6 / 2			
reaction time	0.138	interval		1.00	0.97	0.97	0.96	0.97	0.97	0.96	1.00	1.04	1.17	PB		2.94	2.90	3.00
wind	-0.5 m/s	velocity	5.14	8.50	8.76	8.76	8.85	8.76	8.76	8.85	8.50	8.17	8.59	7.97		8.67	8.79	8.50

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Nigerian National Championships (Benin City, NGR) (TV Analysis) — *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	25-Jun-22	time	2.52	3.53	4.52	5.49	6.45	7.42	8.39	9.36	10.36	11.36		12.54	4 / 1			
reaction time		interval		1.01	0.99	0.97	0.96	0.97	0.97	0.97	1.00	1.00	1.18			2.97	2.90	2.97
wind	-0.4 m/s	velocity	5.16	8.42	8.59	8.76	8.85	8.76	8.76	8.76	8.50	8.50	8.52	7.97		8.59	8.79	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Weltklasse (Zürich, SUI) — *Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.37	3.40	4.38	5.35	6.32	7.29	8.27	9.27	10.28	11.30		12.54	3 / 1			
reaction time	0.122	interval		1.03	0.98	0.97	0.97	0.97	0.98	1.00	1.01	1.02	1.24			2.98	2.92	3.03
wind	-0.2 m/s	velocity	5.49	8.25	8.67	8.76	8.76	8.76	8.67	8.50	8.42	8.33	8.10	7.97		8.56	8.73	8.42

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis) — *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	10-May-24	time	2.58	3.60	4.58	5.55	6.52	7.47	8.44	9.41	10.40	11.41		12.54	5 / 4			
reaction time	0.150	interval		1.02	0.98	0.97	0.97	0.95	0.97	0.97	0.99	1.01	1.13	PB		2.97	2.89	2.97
wind	1.7 m/s	velocity	5.04	8.33	8.67	8.76	8.76	8.95	8.76	8.76	8.59	8.42	8.89	7.97		8.59	8.82	8.59

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Prefontaine Classic (Eugene, OR) — *Omega Timing (2024) - diamond league race analysis*

date	25-May-24	time	2.47	3.53	4.51	5.49	6.44	7.40	8.36	9.34	10.32	11.32		12.54	6 / 2			
reaction time	0.148	interval		1.06	0.98	0.98	0.95	0.96	0.96	0.98	0.98	1.00	1.22			3.02	2.87	2.96
wind	-0.9 m/s	velocity	5.26	8.02	8.67	8.67	8.95	8.85	8.85	8.67	8.67	8.50	8.24	7.97		8.44	8.89	8.61

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Weltklasse (Zürich, SUI) — *Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.45	3.49	4.46	5.42	6.38	7.33	8.29	9.27	10.26	11.29		12.54	3 / 5			
reaction time	0.140	interval		1.04	0.97	0.96	0.96	0.95	0.96	0.98	0.99	1.03	1.25			2.97	2.87	3.00
wind	0.8 m/s	velocity	5.31	8.17	8.76	8.85	8.85	8.95	8.85	8.67	8.59	8.25	8.04	7.97		8.59	8.89	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Memorial van damme (Brussels, BEL) — *Omega Timing (2024) - diamond league race analysis*

date	14-Sep-24	time	2.57	3.56	4.54	5.51	6.46	7.42	8.39	9.37	10.37	11.41		12.54	2 / 2			
reaction time	0.150	interval		0.99	0.98	0.97	0.95	0.96	0.97	0.98	1.00	1.04	1.13			2.94	2.88	3.02
wind	0.4 m/s	velocity	5.06	8.59	8.67	8.76	8.95	8.85	8.76	8.67	8.50	8.17	8.89	7.97		8.67	8.85	8.44

Kałek, Lucyna (POL) (1956)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1982 ASV Weltklasse (Köln, FRG) — *Ballreich (1986) - biomechanik der sprtarten- Band 1- biomechanik der leichtathletik*

date	22-Aug-82	time	2.60	3.62	4.59	5.55	6.52	7.49	8.45	9.44	10.42	11.44		12.55	/ 1			
reaction time		interval		1.02	0.97	0.96	0.97	0.97	0.96	0.99	0.98	1.02	1.11			2.95	2.90	2.99
wind	0.2 m/s	velocity	5.00	8.33	8.76	8.85	8.76	8.76	8.85	8.59	8.67	8.33	9.46	7.97		8.64	8.79	8.53

Narozhilenko, Ludmila (URS) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1991 European Cup (Frankfurt, GER) — *Graubner (2008) - http://www.fgs.uni-halle.de*

date	30-Jun-91	time	2.63	3.64	4.63	5.61	6.59	7.55	8.53	9.51	10.49	11.48		12.55	/ 1			
reaction time		interval		1.01	0.99	0.98	0.98	0.96	0.98	0.98	0.98	0.99	1.07			2.98	2.92	2.95
wind	-2.1 m/s	velocity	4.94	8.42	8.59	8.67	8.67	8.85	8.67	8.67	8.67	8.59	9.81	7.97		8.56	8.73	8.64

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) — *Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*

date	28-Aug-07	time	2.57	3.57	4.57	5.54	6.52	7.50	8.48	9.46	10.44	11.47		12.55	5 / 1			

reaction time	0.137	interval		1.00	1.00	0.97	0.98	0.98	0.98	0.98	0.98	1.03	1.08			2.97	2.94	2.99
wind	-0.1 m/s	velocity	5.06	8.50	8.50	8.76	8.67	8.67	8.67	8.67	8.67	8.25	9.72	7.97		8.59	8.67	8.53

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Championships (Osaka, JPN)													*Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*			
date 29-Aug-07	time	2.55	3.57	4.55	5.52	6.47	7.44	8.41	9.39	10.37	11.39		12.55	9 / 5			
reaction time 0.120	interval		1.02	0.98	0.97	0.95	0.97	0.97	0.98	0.98	1.02	1.16			2.97	2.89	2.98
wind -0.1 m/s	velocity	5.10	8.33	8.67	8.76	8.95	8.76	8.76	8.67	8.67	8.33	9.05	7.97		8.59	8.82	8.56

Ennis-London, Delloreen (JAM) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	2.60	3.60	4.58	5.54	6.50	7.47	8.44	9.43	10.44	11.46		12.55	8 / 3			
reaction time 0.142	interval		1.00	0.98	0.96	0.96	0.97	0.97	0.99	1.01	1.02	1.09			2.94	2.90	3.02
wind 0.2 m/s	velocity	5.00	8.50	8.67	8.85	8.85	8.76	8.76	8.59	8.42	8.33	9.63	7.97		8.67	8.79	8.44

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13	time	2.46	3.48	4.46	5.42	6.38	7.34	8.30	9.30	10.30	11.32		12.55	4 / 3			
reaction time 0.149	interval		1.02	0.98	0.96	0.96	0.96	0.96	1.00	1.00	1.02	1.23			2.96	2.88	3.02
wind -0.6 m/s	velocity	5.28	8.33	8.67	8.85	8.85	8.85	8.85	8.50	8.50	8.33	8.54	7.97		8.61	8.85	8.44

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 28-May-16	time	2.54	3.54	4.50	5.46	6.42	7.38	8.34	9.34	10.32	11.32		12.55	7 / 3			
reaction time	interval		1.00	0.96	0.96	0.96	0.96	0.96	1.00	0.98	1.00	1.23			2.92	2.88	2.98
wind 0.7 m/s	velocity	5.12	8.50	8.85	8.85	8.85	8.85	8.85	8.50	8.67	8.50	8.54	7.97		8.73	8.85	8.56

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 08-Jul-16	time	2.46	3.47	4.47	5.44	6.41	7.37	8.34	9.31	10.31	11.33		12.55	6 / 3			
reaction time 0.167	interval		1.01	1.00	0.97	0.97	0.96	0.97	0.97	1.00	1.02	1.22			2.98	2.90	2.99
wind 1.2 m/s	velocity	5.28	8.42	8.50	8.76	8.76	8.85	8.76	8.76	8.50	8.33	8.61	7.97		8.56	8.79	8.53

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 24-Aug-17	time	2.48	3.50	4.48	5.46	6.44	7.40	8.38	9.36	10.36	11.38		12.55	6 / 1			
reaction time 0.117	interval		1.02	0.98	0.98	0.98	0.96	0.98	0.98	1.00	1.02	1.17			2.98	2.92	3.00
wind -0.3 m/s	velocity	5.24	8.33	8.67	8.67	8.67	8.85	8.67	8.67	8.50	8.33	8.97	7.97		8.56	8.73	8.50

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 24-Aug-17	time	2.50	3.48	4.46	5.44	6.42	7.40	8.38	9.38	10.36	11.38		12.55	5 / 2			
reaction time 0.135	interval		0.98	0.98	0.98	0.98	0.98	0.98	1.00	0.98	1.02	1.17			2.94	2.94	3.00
wind -0.3 m/s	velocity	5.20	8.67	8.67	8.67	8.67	8.67	8.67	8.50	8.67	8.33	8.97	7.97		8.67	8.67	8.50

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 10-Jun-18	time	2.58	3.60	4.60	5.56	6.52	7.48	8.44	9.42	10.42	11.42		12.55	4 / 3			
reaction time 0.132	interval		1.02	1.00	0.96	0.96	0.96	0.96	0.98	1.00	1.00	1.13			2.98	2.88	2.98
wind 1.3 m/s	velocity	5.04	8.33	8.50	8.85	8.85	8.85	8.85	8.67	8.50	8.50	9.29	7.97		8.56	8.85	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 22-Jul-18	time	2.48	3.48	4.48	5.46	6.44	7.42	8.40	9.40	10.38	11.38		12.55	5 / 4			
reaction time 0.133	interval		1.00	1.00	0.98	0.98	0.98	0.98	1.00	0.98	1.00	1.17			2.98	2.94	2.98
wind 0.6 m/s	velocity	5.24	8.50	8.50	8.67	8.67	8.67	8.67	8.50	8.67	8.50	8.97	7.97		8.56	8.67	8.56

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 27-Jul-19	time	2.47	3.50	4.47	5.44	6.40	7.37	8.34	9.34	10.34	11.35		12.55	5 / 2			
reaction time	interval		1.03	0.97	0.97	0.96	0.97	0.97	1.00	1.00	1.01	1.20			2.97	2.90	3.01
wind -1.2 m/s	velocity	5.26	8.25	8.76	8.76	8.85	8.76	8.76	8.50	8.50	8.42	8.75	7.97		8.59	8.79	8.47

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2021) - Athlete First: 2019 year end hurdle report*			
date 05-Oct-19	time	2.36	3.36	4.34	5.30	6.26	7.22	8.20	9.20	10.22	11.26		12.55	4 / 1			
reaction time 0.131	interval		1.00	0.98	0.96	0.96	0.96	0.98	1.00	1.02	1.04	1.29			2.94	2.90	3.06
wind 0.3 m/s	velocity	5.51	8.50	8.67	8.85	8.85	8.85	8.67	8.50	8.33	8.17	7.79	7.97		8.67	8.79	8.33

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 02-Aug-21	time	2.48	3.48	4.46	5.42	6.38	7.34	8.30	9.30	10.30	11.32		12.55	9 / 3			
reaction time 0.166	interval		1.00	0.98	0.96	0.96	0.96	0.96	1.00	1.00	1.02	1.23			2.94	2.88	3.02

wind	-0.3 m/s	velocity	5.24	8.50	8.67	8.85	8.85	8.85	8.85	8.50	8.50	8.33	8.17	7.97			8.67	8.85	8.44

Tapper, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	09-Sep-21	time	2.48	3.50	4.48	5.44	6.40	7.36	8.32	9.30	10.30	11.32		12.55	5 / 3			
reaction time	0.151	interval		1.02	0.98	0.96	0.96	0.96	0.96	0.98	1.00	1.02	1.23			2.96	2.88	3.00
wind	0.4 m/s	velocity	5.24	8.33	8.67	8.85	8.85	8.85	8.85	8.67	8.50	8.33	8.17	7.97		8.61	8.85	8.50

Marshall, Tonea (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	25-Jun-22	time	2.50	3.50	4.48	5.45	6.42	7.40	8.40	9.38	10.38	11.40		12.55	3 / 4			
reaction time		interval		1.00	0.98	0.97	0.97	0.98	1.00	0.98	1.00	1.02	1.15			2.95	2.95	3.00
wind	-1.4 m/s	velocity	5.20	8.50	8.67	8.76	8.76	8.67	8.50	8.67	8.50	8.33	8.74	7.97		8.64	8.64	8.50

Marshall, Tonea (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	27-May-23	time	2.48	3.52	4.50	5.48	6.46	7.44	8.42	9.40	10.41	11.42		12.55	8 / 5			
reaction time	0.202	interval		1.04	0.98	0.98	0.98	0.98	0.98	0.98	1.01	1.01	1.13			3.00	2.94	3.00
wind	-0.2 m/s	velocity	5.24	8.17	8.67	8.67	8.67	8.67	8.67	8.67	8.42	8.42	8.89	7.97		8.50	8.67	8.50

Williams, Danielle (JAM) (1992)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)															*Omega Timing (2023) - diamond league race analysis*			
date	16-Jul-23	time	2.41	3.44	4.42	5.38	6.33	7.29	8.25	9.25	10.27	11.30		12.55	9 / 5			
reaction time	0.141	interval		1.03	0.98	0.96	0.95	0.96	0.96	1.00	1.02	1.03	1.25			2.97	2.87	3.05
wind	0.9 m/s	velocity	5.39	8.25	8.67	8.85	8.95	8.85	8.85	8.50	8.33	8.25	8.04	7.97		8.59	8.89	8.36

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.54	3.54	4.54	5.53	6.50	7.48	8.46	9.46	10.45	11.43		12.55	5 / 1			
reaction time	0.142	interval		1.00	1.00	0.99	0.97	0.98	0.98	1.00	0.99	0.98	1.12			2.99	2.93	2.97
wind	0.0 m/s	velocity	5.12	8.50	8.50	8.59	8.76	8.67	8.67	8.50	8.59	8.67	8.97	7.97		8.53	8.70	8.59

Tapper, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	23-Aug-23	time	2.53	3.53	4.52	5.48	6.44	7.40	8.38	9.37	10.37	11.40		12.55	5 / 4			
reaction time	0.162	interval		1.00	0.99	0.96	0.96	0.96	0.98	0.99	1.00	1.03	1.15			2.95	2.90	3.02
wind	0.5 m/s	velocity	5.14	8.50	8.59	8.85	8.85	8.85	8.67	8.59	8.50	8.25	8.74	7.97		8.64	8.79	8.44

Samba-Mayela, Cyréna (FRA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)															*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	2.44	3.47	4.46	5.43	6.40	7.36	8.33	9.31	10.28	11.28		12.55	10 / 3			
reaction time	0.141	interval		1.03	0.99	0.97	0.97	0.96	0.97	0.98	0.97	1.00	1.27	**NR PB**		2.99	2.90	2.95
wind	-0.2 m/s	velocity	5.33	8.25	8.59	8.76	8.76	8.85	8.76	8.67	8.76	8.50	7.91	7.97		8.53	8.79	8.64

Marshall, Tonea (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Prefontaine Classic (Eugene, OR)															*Omega Timing (2024) - diamond league race analysis*			
date	25-May-24	time	2.38	3.41	4.41	5.41	6.39	7.36	8.34	9.33	10.31	11.33		12.55	4 / 3			
reaction time	0.128	interval		1.03	1.00	1.00	0.98	0.97	0.98	0.99	0.98	1.02	1.22			3.03	2.93	2.99
wind	-0.9 m/s	velocity	5.46	8.25	8.50	8.50	8.67	8.76	8.67	8.59	8.67	8.33	8.24	7.97		8.42	8.70	8.53

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	29-Jun-24	time	2.54	3.56	4.54	5.52	6.49	7.47	8.44	9.42	10.41	11.42		12.55	1 / 3			
reaction time		interval		1.02	0.98	0.98	0.97	0.98	0.97	0.98	0.99	1.01	1.13			2.98	2.92	2.98
wind	0.8 m/s	velocity	5.12	8.33	8.67	8.67	8.76	8.67	8.76	8.67	8.59	8.42	8.89	7.97		8.56	8.73	8.56

Amusan, Tobi (NGR) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	09-Aug-24	time	2.46	3.51	4.49	5.45	6.39	7.33	8.28	9.25	10.24	11.28		12.55	6 / 3			
reaction time	0.152	interval		1.05	0.98	0.96	0.94	0.94	0.95	0.97	0.99	1.04	1.27			2.99	2.83	3.00
wind	0.5 m/s	velocity	5.28	8.10	8.67	8.85	9.04	9.04	8.95	8.76	8.59	8.17	7.91	7.97		8.53	9.01	8.50

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	09-Aug-24	time	2.41	3.43	4.41	5.39	6.34	7.30	8.28	9.27	10.28	11.29		12.55	8 / 3			
reaction time	0.148	interval		1.02	0.98	0.98	0.95	0.96	0.98	0.99	1.01	1.01	1.26			2.98	2.89	3.01
wind	0.5 m/s	velocity	5.39	8.33	8.67	8.67	8.95	8.85	8.67	8.59	8.42	8.42	7.98	7.97		8.56	8.82	8.47

Nugent, Ackera (JAM) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Memorial van damme (Brussels, BEL)															*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	2.60	3.58	4.56	5.51	6.47	7.42	8.39	9.39	10.39	11.42		12.55	5 / 3			
reaction time	0.130	interval		0.98	0.98	0.95	0.96	0.95	0.97	1.00	1.00	1.03	1.13			2.91	2.88	3.03
wind	0.4 m/s	velocity	5.00	8.67	8.67	8.95	8.85	8.95	8.76	8.50	8.50	8.25	8.89	7.97		8.76	8.85	8.42

Williams, Danielle (JAM) (1992)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	2.47	3.50	4.49	5.47	6.44	7.39	8.36	9.35	10.34	11.34		12.55	3 / 2			
reaction time	0.117	interval		1.03	0.99	0.98	0.97	0.95	0.97	0.99	0.99	1.00	1.21			3.00	2.89	2.98
wind	0.3 m/s	velocity	5.26	8.25	8.59	8.67	8.76	8.95	8.76	8.59	8.59	8.50	8.31	7.97		8.50	8.82	8.56

Komisova, Vera (URS) (1953)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1980 Olympic Games (Moscow, URS)															*McFarlane (1988) - the science of hurdling*			
date	28-Jul-80	time	2.5	3.6	4.6	5.6	6.5	7.5	8.5	9.5	10.5	11.5		12.56	5 / 1			
reaction time	0.135	interval		1.10	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.06	**OR / PB**		3.10	2.90	3.00
wind	1.0 m/s	velocity	5.20	7.73	8.50	8.50	9.44	8.50	8.50	8.50	8.50	8.50	9.91	7.96		8.23	8.79	8.50

Riefstahl-Oschkenat, Cornelia (GDR			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1986 East German National Championships (Jena, GDR)															*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date	27-Jun-86	time	2.53	3.56	4.56	5.55	6.49	7.48	8.47	9.46	10.45	11.45		12.56	/ 1			
reaction time		interval		1.03	1.00	0.99	0.94	0.99	0.99	0.99	0.99	1.00	1.11			3.02	2.92	2.98
wind	1.4 m/s	velocity	5.14	8.25	8.50	8.59	9.04	8.59	8.59	8.59	8.59	8.50	9.46	7.96		8.44	8.73	8.56

Dimitrova, Svetla (BUL) (1970)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1998 European Championships (Budapest, HUN)															*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date	23-Aug-98	time	2.59	3.61	4.61	5.59	6.53	7.46	8.44	9.45	10.43	11.42		12.56	4 / 1			
reaction time		interval		1.02	1.00	0.98	0.94	0.93	0.98	1.01	0.98	0.99	1.14			3.00	2.85	2.98
wind	1.5 m/s	velocity	5.02	8.33	8.50	8.67	9.04	9.14	8.67	8.42	8.67	8.59	9.21	7.96		8.50	8.95	8.56

Devers, Gail (USA) (1966)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 2001 IAAF World Championships (Edmonton, CAN)															*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	10-Aug-01	time	2.60	3.60	4.56	5.52	6.52	7.52	8.52	9.52	10.52	11.55		12.56	6 / 1			
reaction time	0.134	interval		1.00	0.96	0.96	1.00	1.00	1.00	1.00	1.00	1.03	1.01			2.92	3.00	3.03
wind	-0.3 m/s	velocity	5.00	8.50	8.85	8.85	8.50	8.50	8.50	8.50	8.50	8.25	10.40	7.96		8.73	8.50	8.42

Morrison, Melissa (USA) (1971)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2004 Olympic Games (Athens, GRE)															*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date	24-Aug-04	time	2.56	3.54	4.50	5.48	6.47	7.48	8.47	9.47	10.47	11.47		12.56	3 / 3			
reaction time	0.145	interval		0.98	0.96	0.98	0.99	1.01	0.99	1.00	1.00	1.00	1.09			2.92	2.99	3.00
wind	0.3 m/s	velocity	5.08	8.67	8.85	8.67	8.59	8.42	8.59	8.50	8.50	8.50	9.63	7.96		8.73	8.53	8.50

Jones, Lolo (USA) (1982)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	2.58	3.60	4.58	5.56	6.53	7.50	8.48	9.47	10.46	11.48		12.56	4 / ~~2~~ 1			
reaction time	0.128	interval		1.02	0.98	0.98	0.97	0.97	0.98	0.99	0.99	1.02	1.08			2.98	2.92	3.00
wind	0.3 m/s	velocity	5.04	8.33	8.67	8.67	8.76	8.76	8.67	8.59	8.59	8.33	9.72	7.96		8.56	8.73	8.50

Ennis-London, Delloreen (JAM) (197			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	2.59	3.60	4.60	5.59	6.55	7.52	8.50	9.46	10.45	11.45		12.56	7 / ~~3~~ 2			
reaction time	0.148	interval		1.01	1.00	0.99	0.96	0.97	0.98	0.96	0.99	1.00	1.11			3.00	2.91	2.95
wind	0.3 m/s	velocity	5.02	8.42	8.50	8.59	8.85	8.76	8.67	8.85	8.59	8.50	9.46	7.96		8.50	8.76	8.64

Lopes-Schliep, Priscilla (CAN) (1982			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 4 - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	18-Aug-09	time	2.58	3.60	4.60	5.58	6.56	7.53	8.50	9.48	10.45	11.50		12.56	3 / 1			
reaction time	0.142	interval		1.02	1.00	0.98	0.98	0.97	0.97	0.98	0.97	1.05	1.06			3.00	2.92	3.00
wind	-0.3 m/s	velocity	5.04	8.33	8.50	8.67	8.67	8.76	8.76	8.67	8.76	8.10	9.91	7.96		8.50	8.73	8.50

Rollins, Brianna (USA) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis)															*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	09-Jun-16	time	2.44	3.44	4.42	5.40	6.36	7.38	8.34	9.32	10.34	11.34		12.56	5 / 1			
reaction time	0.143	interval		1.00	0.98	0.98	0.96	1.02	0.96	0.98	1.02	1.00	1.22			2.96	2.94	3.00
wind	-0.4 m/s	velocity	5.33	8.50	8.67	8.67	8.85	8.33	8.85	8.67	8.33	8.50	8.61	7.96		8.61	8.67	8.50

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)															*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date	29-Apr-17	time	2.50	3.55	4.53	5.53	6.50	7.45	8.41	9.37	10.35	11.35		12.56	4 / 1			
reaction time		interval		1.05	0.98	1.00	0.97	0.95	0.96	0.96	0.98	1.00	1.21			3.03	2.88	2.94
wind	1.0 m/s	velocity	5.20	8.10	8.67	8.50	8.76	8.95	8.85	8.85	8.67	8.50	8.68	7.96		8.42	8.85	8.67

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	12-May-18	time	2.44	3.46	4.44	5.40	6.36	7.32	8.30	9.34	10.36	11.34		12.56	5 / 3			
reaction time	0.152	interval		1.02	0.98	0.96	0.96	0.96	0.98	1.04	1.02	0.98	1.22			2.96	2.90	3.04
wind	0.9 m/s	velocity	5.33	8.33	8.67	8.85	8.85	8.85	8.67	8.17	8.33	8.67	8.61	7.96		8.61	8.79	8.39

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.46	3.46	4.43	5.40	6.36	7.33	8.31	9.29	10.29	11.32		12.56	4 / 3			
reaction time 0.173 interval		1.00	0.97	0.97	0.96	0.97	0.98	0.98	1.00	1.03	1.24			2.94	2.91	3.01
wind 1.2 m/s velocity	5.28	8.50	8.76	8.76	8.85	8.76	8.67	8.67	8.50	8.25	8.10	7.96		8.67	8.76	8.47

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 22-Apr-22 time	2.50	3.54	4.54	5.50	6.46	7.42	8.38	9.36	10.38	11.38		12.56	4 / 2			
reaction time interval		1.04	1.00	0.96	0.96	0.96	0.96	0.98	1.02	1.00	1.18			3.00	2.88	3.00
wind 0.8 m/s velocity	5.20	8.17	8.50	8.85	8.85	8.85	8.85	8.67	8.33	8.50	8.52	7.96		8.50	8.85	8.50

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 12-Jun-22 time	2.47	3.47	4.43	5.42	6.40	7.38	8.33	9.30	10.32	11.36		12.56	5 / 3			
reaction time 0.160 interval		1.00	0.96	0.99	0.98	0.98	0.95	0.97	1.02	1.04	1.20			2.95	2.91	3.03
wind 2.0 m/s velocity	5.26	8.50	8.82	8.62	8.67	8.67	8.95	8.76	8.33	8.17	8.37	7.96		8.64	8.76	8.42

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.53	3.57	4.52	5.48	6.44	7.42	8.40	9.38	10.40	11.42		12.56	7 / 1			
reaction time 0.155 interval		1.04	0.95	0.96	0.96	0.98	0.98	0.98	1.02	1.02	1.14			2.95	2.92	3.02
wind -0.7 m/s velocity	5.14	8.17	8.95	8.85	8.85	8.67	8.67	8.67	8.33	8.33	8.82	7.96		8.64	8.73	8.44

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	2.42	3.45	4.44	5.41	6.37	7.32	8.28	9.27	10.28	11.31		12.56	3 / 4			
reaction time 0.142 interval		1.03	0.99	0.97	0.96	0.95	0.96	0.99	1.01	1.03	1.25			2.99	2.87	3.03
wind -0.2 m/s velocity	5.37	8.25	8.59	8.76	8.85	8.95	8.85	8.59	8.42	8.25	8.04	7.96		8.53	8.89	8.42

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.54	3.60	4.57	5.54	6.51	7.48	8.44	9.42	10.40	11.42		12.56	7 / 4			
reaction time 0.175 interval		1.06	0.97	0.97	0.97	0.97	0.96	0.98	0.98	1.02	1.14			3.00	2.90	2.98
wind 0.8 m/s velocity	5.12	8.02	8.76	8.76	8.76	8.76	8.85	8.67	8.67	8.33	8.82	7.96		8.50	8.79	8.56

Caicedo, Maribel (ECU) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.57	3.57	4.57	5.55	6.53	7.50	8.47	9.45	10.44	11.46		12.56	6 / 2			
reaction time interval		1.00	1.00	0.98	0.98	0.97	0.97	0.98	0.99	1.02	1.10			2.98	2.92	2.99
wind -0.5 m/s velocity	5.06	8.50	8.50	8.67	8.67	8.76	8.76	8.67	8.59	8.33	9.14	7.96		8.56	8.73	8.53

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.55	3.57	4.56	5.51	6.48	7.45	8.43	9.40	10.38	11.41		12.56	4 / 1			
reaction time interval		1.02	0.99	0.95	0.97	0.97	0.98	0.97	0.98	1.03	1.15			2.96	2.92	2.98
wind 0.1 m/s velocity	5.10	8.33	8.59	8.95	8.76	8.76	8.67	8.76	8.67	8.25	8.74	7.96		8.61	8.73	8.56

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.46	3.49	4.49	5.45	6.41	7.37	8.34	9.31	10.30	11.31		12.56	3 / 3			
reaction time 0.142 interval		1.03	1.00	0.96	0.96	0.96	0.97	0.97	0.99	1.01	1.25			2.99	2.89	2.97
wind 0.8 m/s velocity	5.28	8.25	8.50	8.85	8.85	8.85	8.76	8.76	8.59	8.42	8.04	7.96		8.53	8.82	8.59

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Olympic Games (Paris, FRA)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 10-Aug-24 time	2.60	3.61	4.58	5.54	6.53	7.49	8.47	9.45	10.44	11.44		12.56	8 / 6			
reaction time 0.203 interval		1.01	0.97	0.96	0.99	0.96	0.98	0.98	0.99	1.00	1.12			2.94	2.93	2.97
wind -0.3 m/s velocity	5.00	8.42	8.76	8.85	8.59	8.85	8.67	8.67	8.59	8.50	8.97	7.96		8.67	8.70	8.59

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.44	3.47	4.46	5.42	6.41	7.39	8.37	9.36	10.35	11.34		12.56	5 / 5			
reaction time 0.156 interval		1.03	0.99	0.96	0.99	0.98	0.98	0.99	0.99	0.99	1.22			2.98	2.95	2.97
wind 0.6 m/s velocity	5.33	8.25	8.59	8.85	8.59	8.67	8.67	8.59	8.59	8.59	8.24	7.96		8.56	8.64	8.59

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis)													*Henson (2025) - Athlete First: 2025 year end hurdle report*			
date 02-May-25 time	2.60	3.62	4.64	5.59	6.54	7.50	8.48	9.48	10.48	11.48		12.56	3 / 6			
reaction time 0.170 interval		1.02	1.02	0.95	0.95	0.96	0.98	1.00	1.00	1.00	1.08			2.99	2.89	3.00
wind 2.0 m/s velocity	5.00	8.33	8.33	8.95	8.95	8.85	8.67	8.50	8.50	8.50	9.31	7.96		8.53	8.82	8.50

Williams, Danielle (JAM) (1992)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 IAAF World Championships (Beijing, CHN) Мирзоев (2015) - Временные характеристики технического мастерства бега на 100м с барьерами

date	28-Aug-15	time	2.54	3.53	4.54	5.51	6.47	7.45	8.43	9.42	10.43	11.43		12.57	5 / 1			
reaction time	0.142	interval		0.99	1.01	0.97	0.96	0.98	0.98	0.99	1.01	1.00	1.14	PB		2.97	2.92	3.00
wind	-0.3 m/s	velocity	5.12	8.59	8.42	8.76	8.85	8.67	8.67	8.59	8.42	8.50	9.21	7.96		8.59	8.73	8.50

Rollins, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	05-Jun-16	time	2.43	3.46	4.43	5.40	6.40	7.35	8.30	9.30	10.33	11.33		12.57	7 / 2			
reaction time	0.144	interval		1.03	0.97	0.97	1.00	0.95	0.95	1.00	1.03	1.00	1.24			2.97	2.90	3.03
wind	-0.3 m/s	velocity	5.35	8.25	8.76	8.76	8.50	8.95	8.95	8.50	8.25	8.50	8.47	7.96		8.59	8.79	8.42

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	08-Jul-16	time	2.50	3.53	4.50	5.47	6.44	7.41	8.37	9.34	10.35	11.35		12.57	5 / 4			
reaction time	0.154	interval		1.03	0.97	0.97	0.97	0.97	0.96	0.97	1.01	1.00	1.22			2.97	2.90	2.98
wind	1.2 m/s	velocity	5.20	8.25	8.76	8.76	8.76	8.76	8.85	8.76	8.42	8.50	8.61	7.96		8.59	8.79	8.56

Rollins, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	22-Jul-16	time	2.46	3.46	4.44	5.42	6.38	7.36	8.34	9.34	10.38	11.40		12.57	7 / 2			
reaction time	0.140	interval		1.00	0.98	0.98	0.96	0.98	0.98	1.00	1.04	1.02	1.17			2.96	2.92	3.06
wind	0.3 m/s	velocity	5.28	8.50	8.67	8.67	8.85	8.67	8.67	8.50	8.17	8.33	8.97	7.96		8.61	8.73	8.33

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	06-Jul-17	time	2.46	3.46	4.44	5.43	6.40	7.35	8.33	9.32	10.32	11.33		12.57	5 / 2			
reaction time	0.119	interval		1.00	0.98	0.99	0.97	0.95	0.98	0.99	1.00	1.01	1.24			2.97	2.90	3.00
wind	-0.1 m/s	velocity	5.28	8.50	8.67	8.59	8.76	8.95	8.67	8.59	8.50	8.42	8.47	7.96		8.59	8.79	8.50

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	22-Jul-18	time	2.44	3.44	4.42	5.38	6.36	7.32	8.28	9.32	10.36	11.40		12.57	7 / 5			
reaction time	0.136	interval		1.00	0.98	0.96	0.98	0.96	0.96	1.04	1.04	1.04	1.17			2.94	2.90	3.12
wind	0.6 m/s	velocity	5.33	8.50	8.67	8.85	8.67	8.85	8.85	8.17	8.17	8.17	8.97	7.96		8.67	8.79	8.17

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	20-Jul-19	time	2.48	3.50	4.50	5.48	6.44	7.42	8.38	9.36	10.36	11.38		12.57	4 / 2			
reaction time	0.147	interval		1.02	1.00	0.98	0.96	0.98	0.96	0.98	1.00	1.02	1.19			3.00	2.90	3.00
wind	0.8 m/s	velocity	5.24	8.33	8.50	8.67	8.85	8.67	8.85	8.67	8.50	8.33	8.82	7.96		8.50	8.79	8.50

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 African Championships (St. Pierre, MRI) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	09-Jun-22	time	2.50	3.52	4.54	5.48	6.42	7.40	8.38	9.34	10.34	11.40		12.57	5 / 1			
reaction time		interval		1.02	1.02	0.94	0.94	0.98	0.98	0.96	1.00	1.06	1.17			2.98	2.90	3.02
wind	4.0 m/s	velocity	5.20	8.33	8.33	9.04	9.04	8.67	8.67	8.85	8.50	8.02	8.59	7.96		8.56	8.79	8.44

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	11-Jun-22	time	2.44	3.44	4.44	5.42	6.40	7.38	8.36	9.36	10.36	11.40		12.57	5 / 1			
reaction time		interval		1.00	1.00	0.98	0.98	0.98	0.98	1.00	1.00	1.04	1.17			2.98	2.94	3.04
wind	-0.2 m/s	velocity	5.33	8.50	8.50	8.67	8.67	8.67	8.67	8.50	8.50	8.17	8.59	7.96		8.56	8.67	8.39

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	14-Jun-22	time	2.54	3.58	4.56	5.54	6.50	7.46	8.44	9.40	10.42	11.44		12.57	6 / 1			
reaction time	0.164	interval		1.04	0.98	0.98	0.96	0.96	0.98	0.96	1.02	1.02	1.13			3.00	2.90	3.00
wind	0.2 m/s	velocity	5.12	8.17	8.67	8.67	8.85	8.85	8.67	8.85	8.33	8.33	8.89	7.96		8.50	8.79	8.50

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL) *Omega Timing (2023) - diamond league race analysis*

date	16-Jul-23	time	2.48	3.52	4.51	5.49	6.45	7.42	8.38	9.35	10.34	11.34		12.57	2 / 6			
reaction time	0.175	interval		1.04	0.99	0.98	0.96	0.97	0.96	0.97	0.99	1.00	1.23			3.01	2.89	2.96
wind	0.9 m/s	velocity	5.24	8.17	8.59	8.67	8.85	8.76	8.85	8.76	8.59	8.50	8.17	7.96		8.47	8.82	8.61

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	07-Jul-24	time	2.54	3.55	4.52	5.48	6.46	7.43	8.41	9.40	10.37	11.42		12.57	6 / 4			
reaction time	0.133	interval		1.01	0.97	0.96	0.98	0.97	0.98	0.99	0.97	1.05	1.15			2.94	2.93	3.01
wind	1.6 m/s	velocity	5.12	8.42	8.76	8.85	8.67	8.76	8.67	8.59	8.76	8.10	8.74	7.96		8.67	8.70	8.47

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA) *Omega Timing (2024) - diamond league race analysis*

date	30-Aug-24	time	2.43	3.46	4.45	5.44	6.41	7.38	8.36	9.35	10.33	11.33		12.57	5 / 4			
reaction time	0.141	interval		1.03	0.99	0.99	0.97	0.97	0.98	0.99	0.98	1.00	1.24			3.01	2.92	2.97
wind	-0.4 m/s	velocity	5.35	8.25	8.59	8.59	8.76	8.76	8.67	8.59	8.67	8.50	8.10	7.96		8.47	8.73	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Weltklasse (Zürich, SUI)												*Omega Timing (2024) - diamond league race analysis*				
date 05-Sep-24 time	2.42	3.46	4.43	5.39	6.35	7.30	8.29	9.28	10.29	11.32		12.57	2 / 6			
reaction time 0.108 interval		1.04	0.97	0.96	0.96	0.95	0.99	0.99	1.01	1.03	1.25			2.97	2.90	3.03
wind 0.8 m/s velocity	5.37	8.17	8.76	8.85	8.85	8.95	8.59	8.59	8.42	8.25	8.04	7.96		8.59	8.79	8.42

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Weltklasse (Zürich, SUI)												*Omega Timing (2024) - diamond league race analysis*				
date 05-Sep-24 time	2.45	3.51	4.49	5.46	6.42	7.37	8.34	9.32	10.32	11.33		12.57	1 / 7			
reaction time 0.147 interval		1.06	0.98	0.97	0.96	0.95	0.97	0.98	1.00	1.01	1.24			3.01	2.88	2.99
wind 0.8 m/s velocity	5.31	8.02	8.67	8.76	8.85	8.95	8.76	8.67	8.50	8.42	8.10	7.96		8.47	8.85	8.53

Donkova, Yordanka (BUL) (1961)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date 29-Sep-88 time	2.56	3.60	4.58	5.57	6.53	7.49	8.45	9.44	10.45	11.45		12.58	6 / 1			
reaction time 0.171 interval		1.04	0.98	0.99	0.96	0.96	0.96	0.99	1.01	1.00	1.13			3.01	2.88	3.00
wind 0.5 m/s velocity	5.08	8.17	8.67	8.59	8.85	8.85	8.85	8.59	8.42	8.50	9.29	7.95		8.47	8.85	8.50

Engquist, Ludmila (SWE) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)												*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date 31-Jul-96 time	2.48	3.54	4.50	5.48	6.44	7.41	8.40	9.39	10.37	11.39		12.58	6 / 1			
reaction time 0.132 interval		1.06	0.96	0.98	0.96	0.97	0.99	0.99	0.98	1.02	1.19			3.00	2.92	2.99
wind 0.2 m/s velocity	5.24	8.02	8.85	8.67	8.85	8.76	8.59	8.59	8.67	8.33	8.82	7.95		8.50	8.73	8.53

Dimitrova, Svetla (BUL) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 IAAF World Championships (Athens, GRE)												*Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*				
date 10-Aug-97 time	2.58	3.62	4.60	5.58	6.54	7.51	8.48	9.46	10.44	11.48		12.58	3 / 2			
reaction time 0.136 interval		1.04	0.98	0.98	0.96	0.97	0.97	0.98	0.98	1.04	1.10			3.00	2.90	3.00
wind -0.3 m/s velocity	5.04	8.17	8.67	8.67	8.85	8.76	8.76	8.67	8.67	8.17	9.55	7.95		8.50	8.79	8.50

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 USA Olympic Trials (Eugene, OR)												*USATF Hurdle Development (2008)*				
date 06-Jul-08 time	2.56	3.58	4.55	5.52	6.48	7.45	8.44	9.44	10.44	11.51		12.58	6 / 2			
reaction time interval		1.02	0.97	0.97	0.96	0.97	0.99	1.00	1.00	1.07	1.07			2.96	2.92	3.07
wind 3.8 m/s velocity	5.08	8.33	8.76	8.76	8.85	8.76	8.59	8.50	8.50	7.94	9.81	7.95		8.61	8.73	8.31

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 19-Aug-09 time	2.62	3.64	4.63	5.60	6.57	7.54	8.51	9.47	10.47	11.50		12.58	4 / 2			
reaction time 0.151 interval		1.02	0.99	0.97	0.97	0.97	0.97	0.96	1.00	1.03	1.08			2.98	2.91	2.99
wind 0.1 m/s velocity	4.96	8.33	8.59	8.76	8.76	8.76	8.76	8.85	8.50	8.25	9.72	7.95		8.56	8.76	8.53

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)												*Henson (2021) - Athlete First: major championships report*				
date 07-Aug-12 time	2.56	3.52	4.48	5.44	6.42	7.38	8.36	9.36	10.36	11.40		12.58	2 / 4			
reaction time 0.163 interval		0.96	0.96	0.96	0.98	0.96	0.98	1.00	1.00	1.04	1.18			2.88	2.92	3.04
wind -0.2 m/s velocity	5.08	8.85	8.85	8.85	8.67	8.85	8.67	8.50	8.50	8.17	8.90	7.95		8.85	8.73	8.39

Yanit, Nevin (TUR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)												*Henson (2021) - Athlete First: major championships report*				
date 07-Aug-12 time	2.50	3.50	4.50	5.46	6.42	7.42	8.40	9.40	10.42	11.42		12.58	6 / ~~5~~			
reaction time 0.161 interval		1.00	1.00	0.96	0.96	1.00	0.98	1.00	1.02	1.00	1.16	DV		2.96	2.94	3.02
wind -0.2 m/s velocity	5.20	8.50	8.50	8.85	8.85	8.50	8.67	8.50	8.33	8.50	9.05	7.95		8.61	8.67	8.44

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2016 London Anniversary Games (London, GBR) (TV Analysis)												*Henson (2020) - Athlete First: 2016 year end hurdle report*				
date 22-Jul-16 time	2.56	3.56	4.56	5.54	6.52	7.48	8.44	9.44	10.40	11.44		12.58	7 / 2			
reaction time 0.143 interval		1.00	1.00	0.98	0.98	0.96	0.96	1.00	0.96	1.04	1.14			2.98	2.90	3.00
wind 0.2 m/s velocity	5.08	8.50	8.50	8.67	8.67	8.85	8.85	8.50	8.85	8.17	9.21	7.95		8.56	8.79	8.50

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis)												*Henson (2020) - Athlete First: 2017 year end hurdle report*				
date 06-Jul-17 time	2.46	3.46	4.44	5.43	6.40	7.35	8.33	9.30	10.32	11.35		12.58	2 / 3			
reaction time 0.132 interval		1.00	0.98	0.99	0.97	0.95	0.98	0.97	1.02	1.03	1.23			2.97	2.90	3.02
wind -0.1 m/s velocity	5.28	8.50	8.67	8.59	8.76	8.95	8.67	8.76	8.33	8.25	8.54	7.95		8.59	8.79	8.44

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)												*Henson (2020) - Athlete First: 2017 year end hurdle report*				
date 21-Jul-17 time	2.52	3.54	4.52	5.50	6.48	7.46	8.46	9.44	10.46	11.48		12.58	2 / 3			

reaction time	0.127	interval		1.02	0.98	0.98	0.98	0.98	1.00	0.98	1.02	1.02	1.10			2.98	2.96	3.02
wind	-0.2 m/s	velocity	5.16	8.33	8.67	8.67	8.67	8.67	8.50	8.67	8.33	8.33	9.55	7.95		8.56	8.61	8.44

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 04-May-18	time	2.44	3.44	4.42	5.40	6.36	7.32	8.30	9.28	10.32	11.36		12.58	4 / 2			
reaction time 0.155	interval		1.00	0.98	0.98	0.96	0.96	0.98	0.98	1.04	1.04	1.22			2.96	2.90	3.06
wind 0.5 m/s	velocity	5.33	8.50	8.67	8.67	8.85	8.85	8.67	8.67	8.17	8.17	8.61	7.95		8.61	8.79	8.33

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18	time	2.44	3.44	4.42	5.40	6.38	7.34	8.32	9.32	10.32	11.32		12.58	6 / 2			
reaction time 0.139	interval		1.00	0.98	0.98	0.98	0.96	0.98	1.00	1.00	1.00	1.26			2.96	2.92	3.00
wind 0.1 m/s	velocity	5.33	8.50	8.67	8.67	8.67	8.85	8.67	8.50	8.50	8.50	8.33	7.95		8.61	8.73	8.50

Williams, Kendall (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2021) - Athlete First: 2019 year end hurdle report*			
date 03-Oct-19	time	2.40	3.42	4.40	5.38	6.34	7.30	8.28	9.26	10.26	11.28		12.58	7 / 1			
reaction time 0.146	interval		1.02	0.98	0.98	0.96	0.96	0.98	0.98	1.00	1.02	1.30	**CHB PB**		2.98	2.90	3.00
wind 0.4 m/s	velocity	5.42	8.33	8.67	8.67	8.85	8.85	8.67	8.67	8.50	8.33	7.73	7.95		8.56	8.79	8.50

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19	time	2.38	3.38	4.36	5.34	6.30	7.26	8.24	9.22	10.22	11.26		12.58	5 / 1			
reaction time 0.155	interval		1.00	0.98	0.98	0.96	0.96	0.98	0.98	1.00	1.04	1.32			2.96	2.90	3.02
wind 0.8 m/s	velocity	5.46	8.50	8.67	8.67	8.85	8.85	8.67	8.67	8.50	8.17	7.61	7.95		8.61	8.79	8.44

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 12-Jun-21	time	2.53	3.54	4.54	5.51	6.47	7.44	8.41	9.39	10.38	11.41		12.58	7 / 1			
reaction time 0.159	interval		1.01	1.00	0.97	0.96	0.97	0.97	0.98	0.99	1.03	1.17			2.98	2.90	3.00
wind 0.4 m/s	velocity	5.14	8.42	8.50	8.76	8.85	8.76	8.76	8.67	8.59	8.25	8.59	7.95		8.56	8.79	8.50

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21	time	2.50	3.51	4.49	5.45	6.42	7.39	8.36	9.35	10.36	11.38		12.58	3 / 5			
reaction time 0.147	interval		1.01	0.98	0.96	0.97	0.97	0.97	0.99	1.01	1.02	1.20			2.95	2.91	3.02
wind 0.8 m/s	velocity	5.20	8.42	8.67	8.85	8.76	8.76	8.76	8.59	8.42	8.33	8.38	7.95		8.64	8.76	8.44

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 28-Aug-21	time	2.52	3.52	4.52	5.50	6.46	7.42	8.40	9.38	10.38	11.40		12.58	3 / 2			
reaction time 0.152	interval		1.00	1.00	0.98	0.96	0.96	0.98	0.98	1.00	1.02	1.18	**NR PB**		2.98	2.90	3.00
wind 1.7 m/s	velocity	5.16	8.50	8.50	8.67	8.85	8.85	8.67	8.67	8.50	8.33	8.52	7.95		8.56	8.79	8.50

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 28-May-22	time	2.50	3.53	4.53	5.50	6.48	7.45	8.43	9.40	10.40	11.43		12.58	8 / 2			
reaction time 0.150	interval		1.03	1.00	0.97	0.98	0.97	0.98	0.97	1.00	1.03	1.15			3.00	2.93	3.00
wind -0.7 m/s	velocity	5.20	8.25	8.50	8.76	8.67	8.76	8.67	8.76	8.50	8.25	8.74	7.95		8.50	8.70	8.50

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 07-Aug-22	time	2.48	3.48	4.46	5.42	6.40	7.38	8.36	9.36	10.36	11.40		12.58	7 / 2			
reaction time 0.144	interval		1.00	0.98	0.96	0.98	0.98	0.98	1.00	1.00	1.04	1.18			2.94	2.94	3.04
wind -0.2 m/s	velocity	5.24	8.50	8.67	8.85	8.67	8.67	8.67	8.50	8.50	8.17	8.52	7.95		8.67	8.67	8.39

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 04-Sep-22	time	2.54	3.56	4.58	5.54	6.52	7.50	8.46	9.46	10.44	11.44		12.58	5 / 2			
reaction time 0.151	interval		1.02	1.02	0.96	0.98	0.98	0.96	1.00	0.98	1.00	1.14			3.00	2.92	2.98
wind -0.3 m/s	velocity	5.12	8.33	8.33	8.85	8.67	8.67	8.85	8.50	8.67	8.50	8.82	7.95		8.50	8.73	8.56

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23	time	2.44	3.49	4.49	5.48	6.47	7.44	8.41	9.39	10.37	11.36		12.58	3 / 7			
reaction time 0.151	interval		1.05	1.00	0.99	0.99	0.97	0.97	0.98	0.98	0.99	1.22			3.04	2.93	2.95
wind 0.9 m/s	velocity	5.33	8.10	8.50	8.59	8.59	8.76	8.76	8.67	8.67	8.59	8.24	7.95		8.39	8.70	8.64

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23	time	2.46	3.51	4.50	5.46	6.42	7.38	8.35	9.35	10.35	11.36		12.58	7 / 2			
reaction time 0.151	interval		1.05	0.99	0.96	0.96	0.96	0.97	1.00	1.00	1.01	1.22			3.00	2.89	3.01

wind	-0.2 m/s	velocity	5.28	8.10	8.59	8.85	8.85	8.85	8.76	8.50	8.50	8.42	8.24	7.95			8.50	8.82	8.47

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24	time	2.48	3.51	4.51	5.48	6.45	7.41	8.36	9.34	10.34	11.35		12.58	4 / 5			
reaction time 0.148	interval		1.03	1.00	0.97	0.97	0.96	0.95	0.98	1.00	1.01	1.23			3.00	2.88	2.99
wind -0.2 m/s	velocity	5.24	8.25	8.50	8.76	8.76	8.85	8.95	8.67	8.50	8.42	8.17	7.95		8.50	8.85	8.53

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 07-Jul-24	time	2.55	3.55	4.55	5.52	6.48	7.45	8.42	9.40	10.40	11.43		12.58	3 / 5			
reaction time 0.149	interval		1.00	1.00	0.97	0.96	0.97	0.97	0.98	1.00	1.03	1.15			2.97	2.90	3.01
wind 1.6 m/s	velocity	5.10	8.50	8.50	8.76	8.85	8.76	8.76	8.67	8.50	8.25	8.74	7.95		8.59	8.79	8.47

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24	time	2.40	3.42	4.40	5.37	6.32	7.28	8.26	9.26	10.28	11.30		12.58	6 / 6			
reaction time 0.119	interval		1.02	0.98	0.97	0.95	0.96	0.98	1.00	1.02	1.02	1.28			2.97	2.89	3.04
wind 0.6 m/s	velocity	5.42	8.33	8.67	8.76	8.95	8.85	8.67	8.50	8.33	8.33	7.85	7.95		8.59	8.82	8.39

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25	time	2.42	3.46	4.43	5.40	6.36	7.31	8.27	9.23	10.21	11.23		12.58	5 / 2			
reaction time 0.154	interval		1.04	0.97	0.97	0.96	0.95	0.96	0.96	0.98	1.02	1.35			2.98	2.87	2.96
wind -0.2 m/s	velocity	5.37	8.17	8.76	8.76	8.85	8.95	8.85	8.85	8.67	8.33	7.44	7.95		8.56	8.89	8.61

Ehrhardt, Anneliese (GDR) (1950)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1972 Olympic Games (Munich, FRG)													*Kay (1972) - BAAB Munich Technical Report*			
date 08-Sep-72	time	2.5	3.6	4.6	5.6	6.5	7.5	8.5	9.5	10.4	11.5		12.59	6 / 1			
reaction time	interval		1.10	1.00	1.00	0.90	1.00	1.00	1.00	0.90	1.10	1.09	WR		3.10	2.90	3.00
wind -0.6 m/s	velocity	5.20	7.73	8.50	8.50	9.44	8.50	8.50	8.50	9.44	7.73	9.63	7.94		8.23	8.79	8.50

Engquist-Narozhilenko, Ludmila (Et

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 IAAF World Championships (Tokyo, JPN)													*Numazawa (1991) - analysis of time in the 3rd world athletics championships, women's 100m hurdles*			
date 30-Aug-91	time	2.62	3.62	4.61	5.59	6.56	7.55	8.51	9.50	10.50	11.50		12.59	4 / 1			
reaction time 0.147	interval		1.00	0.99	0.98	0.97	0.99	0.96	0.99	1.00	1.00	1.09			2.97	2.92	2.99
wind -1.7 m/s	velocity	4.96	8.50	8.59	8.67	8.76	8.59	8.85	8.59	8.50	8.50	9.63	7.94		8.59	8.73	8.53

Bukovec, Brigita (SLO) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)													*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 31-Jul-96	time	2.46	3.49	4.52	5.43	6.41	7.38	8.36	9.34	10.34	11.37		12.59	3 / 2			
reaction time 0.164	interval		1.03	1.03	0.91	0.98	0.97	0.98	0.98	1.00	1.03	1.22	NR		2.97	2.93	3.01
wind 0.2 m/s	velocity	5.28	8.25	8.25	9.34	8.67	8.76	8.67	8.67	8.50	8.25	8.61	7.94		8.59	8.70	8.47

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 DLV Gala (Nurnberg, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jul-06	time	2.61	3.63	4.63	5.61	6.59	7.57	8.56	9.54	10.51	11.53		12.59	/ 1			
reaction time 0.133	interval		1.02	1.00	0.98	0.98	0.98	0.99	0.98	0.97	1.02	1.06			3.00	2.95	2.97
wind 0.5 m/s	velocity	4.98	8.33	8.50	8.67	8.67	8.67	8.59	8.67	8.76	8.33	9.91	7.94		8.50	8.64	8.59

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 DLV Gala (Nurnberg, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jul-06	time	2.61	3.59	4.56	5.54	6.51	7.48	8.46	9.45	10.47	11.51		12.59	/ 2			
reaction time 0.157	interval		0.98	0.97	0.98	0.97	0.97	0.98	0.99	1.02	1.04	1.08			2.93	2.92	3.05
wind 0.5 m/s	velocity	4.98	8.67	8.76	8.67	8.76	8.76	8.67	8.59	8.33	8.17	9.72	7.94		8.70	8.73	8.36

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 European Championships (Göteborg, SWE) *(TV Analysis)*													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 11-Aug-06	time	2.57	3.58	4.57	5.54	6.49	7.45	8.43	9.41	10.41	11.44		12.59	/ 1			
reaction time 0.171	interval		1.01	0.99	0.97	0.95	0.96	0.98	0.98	1.00	1.03	1.15			2.97	2.89	3.01
wind 0.5 m/s	velocity	5.06	8.42	8.59	8.76	8.95	8.85	8.67	8.67	8.50	8.25	9.13	7.94		8.59	8.82	8.47

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13	time	2.52	3.52	4.50	5.48	6.44	7.40	8.38	9.36	10.38	11.40		12.59	5 / 4			
reaction time 0.194	interval		1.00	0.98	0.98	0.96	0.96	0.98	0.98	1.02	1.02	1.19			2.96	2.90	3.02
wind -0.6 m/s	velocity	5.16	8.50	8.67	8.67	8.85	8.85	8.67	8.67	8.33	8.33	8.82	7.94		8.61	8.79	8.44

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 IAAF World Championships (Beijing, CHN)													Мирзоев (2015) - Временные характеристики технического мастерства бега на 100м с барьерами			
date 28-Aug-15	time	2.59	3.59	4.56	5.53	6.51	7.49	8.45	9.44	10.45	11.46		12.59	8 / 2			
reaction time 0.145	interval		1.00	0.97	0.97	0.98	0.98	0.96	0.99	1.01	1.01	1.13	PB		2.94	2.92	3.01
wind -0.3 m/s	velocity	5.02	8.50	8.76	8.76	8.67	8.67	8.85	8.59	8.42	8.42	9.29	7.94		8.67	8.73	8.47

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 22-Jul-16	time	2.54	3.58	4.60	5.58	6.56	7.54	8.50	9.46	10.46	11.46		12.59	9 / 3			
reaction time 0.144	interval		1.04	1.02	0.98	0.98	0.98	0.96	0.96	1.00	1.00	1.13			3.04	2.92	2.96
wind 0.3 m/s	velocity	5.12	8.17	8.33	8.67	8.67	8.67	8.85	8.85	8.50	8.50	9.29	7.94		8.39	8.73	8.61

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 17-Aug-16	time	2.37	3.37	4.36	5.36	6.33	7.30	8.27	9.24	10.24	11.27		12.59	4 / 2			
reaction time 0.154	interval		1.00	0.99	1.00	0.97	0.97	0.97	0.97	1.00	1.03	1.32			2.99	2.91	3.00
wind 0.0 m/s	velocity	5.49	8.50	8.59	8.50	8.76	8.76	8.76	8.76	8.50	8.25	7.95	7.94		8.53	8.76	8.50

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 05-May-17	time	2.50	3.54	4.52	5.50	6.46	7.44	8.42	9.40	10.40	11.40		12.59	5 / 1			
reaction time 0.128	interval		1.04	0.98	0.98	0.96	0.98	0.98	0.98	1.00	1.00	1.19			3.00	2.92	2.98
wind -2.3 m/s	velocity	5.20	8.17	8.67	8.67	8.85	8.67	8.67	8.67	8.50	8.50	8.82	7.94		8.50	8.73	8.56

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 27-May-17	time	2.50	3.50	4.48	5.46	6.42	7.40	8.40	9.40	10.40	11.40		12.59	2 / 1			
reaction time 0.154	interval		1.00	0.98	0.98	0.96	0.98	1.00	1.00	1.00	1.00	1.19			2.96	2.94	3.00
wind 0.8 m/s	velocity	5.20	8.50	8.67	8.67	8.85	8.67	8.50	8.50	8.50	8.50	8.82	7.94		8.61	8.67	8.50

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 IAAF World Championships (London, GBR)																
Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles																
date 12-Aug-17	time	2.41	3.45	4.46	5.45	6.43	7.39	8.36	9.35	10.35	11.37		12.59	4 / 1			
reaction time 0.127	interval		1.04	1.01	0.99	0.98	0.96	0.97	0.99	1.00	1.02	1.22			3.04	2.91	3.01
wind 0.1 m/s	velocity	5.39	8.17	8.42	8.59	8.67	8.85	8.76	8.59	8.50	8.33	8.61	7.94		8.39	8.76	8.47

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)																
Henson (2021) - Athlete First: 2019 year end hurdle report																
date 05-Oct-19	time	2.36	3.38	4.38	5.36	6.34	7.30	8.28	9.26	10.26	11.28		12.59	7 / 1			
reaction time 0.157	interval		1.02	1.00	0.98	0.98	0.96	0.98	0.98	1.00	1.02	1.31			3.00	2.92	3.00
wind 0.3 m/s	velocity	5.51	8.33	8.50	8.67	8.67	8.85	8.67	8.67	8.50	8.33	7.67	7.94		8.50	8.73	8.50

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																
Henson (2021) - Athlete First: 2021 year end hurdle report																
date 20-Jun-21	time	2.53	3.53	4.53	5.50	6.47	7.43	8.41	9.39	10.37	11.42		12.59	4 / 2			
reaction time 0.172	interval		1.00	1.00	0.97	0.97	0.96	0.98	0.98	0.98	1.05	1.17			2.97	2.91	3.01
wind 1.3 m/s	velocity	5.14	8.50	8.50	8.76	8.76	8.85	8.67	8.67	8.67	8.10	8.59	7.94		8.59	8.76	8.47

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis)																
Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season																
date 22-Apr-22	time	2.58	3.63	4.63	5.61	6.57	7.54	8.51	9.47	10.47	11.47		12.59	9 / 3			
reaction time	interval		1.05	1.00	0.98	0.96	0.97	0.97	0.96	1.00	1.00	1.12	PB		3.03	2.90	2.96
wind 0.8 m/s	velocity	5.04	8.10	8.50	8.67	8.85	8.76	8.76	8.85	8.50	8.50	8.97	7.94		8.42	8.79	8.61

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis)																
Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season																
date 14-Jun-22	time	2.60	3.62	4.62	5.58	6.54	7.50	8.48	9.44	10.44	11.44		12.59	4 / 2			
reaction time 0.223	interval		1.02	1.00	0.96	0.96	0.96	0.98	0.96	1.00	1.00	1.15			2.98	2.90	2.96
wind 0.2 m/s	velocity	5.00	8.33	8.50	8.85	8.85	8.85	8.67	8.85	8.50	8.50	8.74	7.94		8.56	8.79	8.61

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 25-Jun-22	time	2.60	3.62	4.60	5.58	6.56	7.52	8.49	9.49	10.47	11.48		12.59	4 / 5			
reaction time	interval		1.02	0.98	0.98	0.98	0.96	0.97	1.00	0.98	1.01	1.11			2.98	2.91	2.99
wind -1.4 m/s	velocity	5.00	8.33	8.67	8.67	8.67	8.85	8.76	8.50	8.67	8.42	9.05	7.94		8.56	8.76	8.53

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 30-Jun-22	time	2.46	3.46	4.44	5.41	6.36	7.33	8.33	9.33	10.33	11.40		12.59	2 / 4			
reaction time 0.130	interval		1.00	0.98	0.97	0.95	0.97	1.00	1.00	1.00	1.07	1.19			2.95	2.92	3.07
wind -0.5 m/s	velocity	5.28	8.50	8.67	8.76	8.95	8.76	8.50	8.50	8.50	7.94	8.45	7.94		8.64	8.73	8.31

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 23-Jul-22	time	2.56	3.56	4.55	5.50	6.46	7.43	8.40	9.38	10.36	11.36		12.59	4 / 1			
reaction time 0.153	interval		1.00	0.99	0.95	0.96	0.97	0.97	0.98	0.98	1.00	1.23			2.94	2.90	2.96
wind -0.3 m/s	velocity	5.08	8.50	8.59	8.95	8.85	8.76	8.76	8.67	8.67	8.50	8.17	7.94		8.67	8.79	8.61

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 07-Aug-22 time	2.52	3.52	4.52	5.52	6.48	7.44	8.40	9.40	10.38	11.40		12.59	3 / 3			
reaction time 0.145 interval		1.00	1.00	1.00	0.96	0.96	0.96	1.00	0.98	1.02	1.19			3.00	2.88	3.00
wind -0.2 m/s velocity	5.16	8.50	8.50	8.50	8.85	8.85	8.85	8.50	8.67	8.33	8.45	7.94		8.50	8.85	8.50

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Aug-22 time	2.47	3.50	4.50	5.49	6.44	7.41	8.39	9.37	10.35	11.37		12.59	7 / 4			
reaction time 0.182 interval		1.03	1.00	0.99	0.95	0.97	0.98	0.98	0.98	1.02	1.22			3.02	2.90	2.98
wind -0.9 m/s velocity	5.26	8.25	8.50	8.59	8.95	8.76	8.67	8.67	8.67	8.33	8.24	7.94		8.44	8.79	8.56

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Aug-22 time	2.45	3.47	4.44	5.40	6.37	7.35	8.33	9.31	10.31	11.34		12.59	3 / 5			
reaction time 0.155 interval		1.02	0.97	0.96	0.97	0.98	0.98	0.98	1.00	1.03	1.25			2.95	2.93	3.01
wind -0.9 m/s velocity	5.31	8.33	8.76	8.85	8.76	8.67	8.67	8.67	8.50	8.25	8.04	7.94		8.64	8.70	8.47

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 26-Aug-22 time	2.47	3.50	4.50	5.47	6.44	7.42	8.39	9.37	10.34	11.36		12.59	6 / 6			
reaction time 0.171 interval		1.03	1.00	0.97	0.97	0.98	0.97	0.98	0.97	1.02	1.23			3.00	2.92	2.97
wind -0.9 m/s velocity	5.26	8.25	8.50	8.76	8.76	8.67	8.76	8.67	8.76	8.33	8.17	7.94		8.50	8.73	8.59

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 27-May-23 time	2.53	3.53	4.52	5.48	6.44	7.40	8.40	9.38	10.40	11.42		12.59	1 / 6			
reaction time 0.437 interval		1.00	0.99	0.96	0.96	0.96	1.00	0.98	1.02	1.02	1.17			2.95	2.92	3.02
wind -0.2 m/s velocity	5.14	8.50	8.59	8.85	8.85	8.85	8.50	8.67	8.33	8.33	8.59	7.94		8.64	8.73	8.44

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23 time	2.42	3.46	4.46	5.44	6.40	7.36	8.33	9.32	10.33	11.34		12.59	5 / 3			
reaction time 0.145 interval		1.04	1.00	0.98	0.96	0.96	0.97	0.99	1.01	1.01	1.25			3.02	2.89	3.01
wind -0.2 m/s velocity	5.37	8.17	8.50	8.67	8.85	8.85	8.76	8.59	8.42	8.42	8.04	7.94		8.44	8.82	8.47

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.52	3.54	4.52	5.50	6.48	7.48	8.47	9.45	10.45	11.47		12.59	4 / 3			
reaction time interval		1.02	0.98	0.98	0.98	1.00	0.99	0.98	1.00	1.02	1.12	PB		2.98	2.97	3.00
wind -0.5 m/s velocity	5.16	8.33	8.67	8.67	8.67	8.50	8.59	8.67	8.50	8.33	8.97	7.94		8.56	8.59	8.50

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.43	3.50	4.49	5.46	6.43	7.41	8.39	9.37	10.36	11.37		12.59	5 / 1			
reaction time 0.148 interval		1.07	0.99	0.97	0.97	0.98	0.98	0.98	0.99	1.01	1.22			3.03	2.93	2.98
wind 0.3 m/s velocity	5.35	7.94	8.59	8.76	8.76	8.67	8.67	8.67	8.59	8.42	8.24	7.94		8.42	8.70	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.39	3.42	4.41	5.38	6.35	7.33	8.31	9.31	10.31	11.33		12.59	9 / 1			
reaction time 0.119 interval		1.03	0.99	0.97	0.97	0.98	0.98	1.00	1.00	1.02	1.26			2.99	2.93	3.02
wind 0.0 m/s velocity	5.44	8.25	8.59	8.76	8.76	8.67	8.67	8.50	8.50	8.33	7.98	7.94		8.53	8.70	8.44

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)													*Omega Timing (2024) - diamond league race analysis*			
date 22-Aug-24 time	2.45	3.49	4.51	5.48	6.45	7.42	8.39	9.37	10.36	11.36		12.59	3 / 6			
reaction time 0.164 interval		1.04	1.02	0.97	0.97	0.97	0.97	0.98	0.99	1.00	1.23			3.03	2.91	2.97
wind -0.9 m/s velocity	5.31	8.17	8.33	8.76	8.76	8.76	8.76	8.67	8.59	8.50	8.17	7.94		8.42	8.76	8.59

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Memorial van damme (Brussels, BEL)													*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24 time	2.60	3.60	4.60	5.58	6.56	7.54	8.51	9.50	10.50	11.50		12.59	3 / 4			
reaction time 0.153 interval		1.00	1.00	0.98	0.98	0.98	0.97	0.99	1.00	1.00	1.09			2.98	2.93	2.99
wind 0.4 m/s velocity	5.00	8.50	8.50	8.67	8.67	8.67	8.76	8.59	8.50	8.50	9.22	7.94		8.56	8.70	8.53

Siebert, Gloria (GDR) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88 time	2.60	3.62	4.61	5.61	6.57	7.53	8.49	9.49	10.49	11.49		12.60	3 / 2			
reaction time 0.182 interval		1.02	0.99	1.00	0.96	0.96	0.96	1.00	1.00	1.00	1.11			3.01	2.88	3.00
wind 0.5 m/s velocity	5.00	8.33	8.59	8.50	8.85	8.85	8.85	8.50	8.50	8.50	9.46	7.94		8.47	8.85	8.50

Oschkenat, Cornelia (GDR) (1961)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1989 IAAF World Cup (Barcelona, ESP) *Gill (1990) - atletismo (I) carreras y marcha*

date	09-Sep-89	time	2.55	3.59	4.58	5.56	6.52	7.50	8.51	9.50	10.51	11.53		12.60	/ 1			
reaction time		interval		1.04	0.99	0.98	0.96	0.98	1.01	0.99	1.01	1.02	1.07			3.01	2.95	3.02
wind	-0.3 m/s	velocity	5.10	8.17	8.59	8.67	8.85	8.67	8.42	8.59	8.42	8.33	9.81	7.94		8.47	8.64	8.44

Alozie, Glory (NGR) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date	26-Aug-99	time	2.52	3.53	4.52	5.49	6.45	7.45	8.43	9.39	10.38	11.39		12.60	4 / 1			
reaction time	0.158	interval		1.01	0.99	0.97	0.96	1.00	0.98	0.96	0.99	1.01	1.21			2.97	2.94	2.96
wind	0.2 m/s	velocity	5.16	8.42	8.59	8.76	8.85	8.50	8.67	8.85	8.59	8.42	8.68	7.94		8.59	8.67	8.61

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Modesto Relays (Modesto, CA)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	08-May-04	time	2.55	3.55	4.53	5.50	6.47	7.44	8.40	9.41	10.41	11.44		12.60	/ 1			
reaction time		interval		1.00	0.98	0.97	0.97	0.97	0.96	1.01	1.00	1.03	1.16			2.95	2.90	3.04
wind	1.2 m/s	velocity	5.10	8.50	8.67	8.76	8.76	8.76	8.85	8.42	8.50	8.25	9.05	7.94		8.64	8.79	8.39

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2004 Canadian National Championships (Victoria, CAN)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	09-Jul-04	time	2.65	3.67	4.65	5.60	6.56	7.54	8.53	9.48	10.48	11.46		12.60	/ 1			
reaction time		interval		1.02	0.98	0.95	0.96	0.98	0.99	0.95	1.00	0.98	1.14			2.95	2.93	2.93
wind	0.9 m/s	velocity	4.91	8.33	8.67	8.95	8.85	8.67	8.59	8.95	8.50	8.67	9.21	7.94		8.64	8.70	8.70

Lopes-Schliep, Priscilla (CAN) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	2.58	3.60	4.60	5.59	6.56	7.54	8.51	9.50	10.48	11.52		12.60	3 / 1			
reaction time	0.142	interval		1.02	1.00	0.99	0.97	0.98	0.97	0.99	0.98	1.04	1.08			3.01	2.92	3.01
wind	-0.1 m/s	velocity	5.04	8.33	8.50	8.59	8.76	8.67	8.76	8.59	8.67	8.17	9.72	7.94		8.47	8.73	8.47

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	08-Jul-16	time	2.50	3.52	4.50	5.50	6.47	7.41	8.37	9.34	10.37	11.37		12.60	8 / 5			
reaction time	0.159	interval	7 Steps	1.02	0.98	1.00	0.97	0.94	0.96	0.97	1.03	1.00	1.23			3.00	2.87	3.00
wind	1.2 m/s	velocity	5.20	8.33	8.67	8.50	8.76	9.04	8.85	8.76	8.25	8.50	8.54	7.94		8.50	8.89	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	07-Jun-18	time	2.48	3.48	4.48	5.44	6.44	7.42	8.40	9.38	10.40	11.40		12.60	3 / 1			
reaction time	0.130	interval		1.00	1.00	0.96	1.00	0.98	0.98	0.98	1.02	1.00	1.20			2.96	2.96	3.00
wind	1.1 m/s	velocity	5.24	8.50	8.50	8.85	8.50	8.67	8.67	8.67	8.33	8.50	8.75	7.94		8.61	8.61	8.50

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	02-Aug-21	time	2.50	3.54	4.54	5.52	6.48	7.44	8.42	9.38	10.38	11.42		12.60	6 / 4			
reaction time	0.161	interval		1.04	1.00	0.98	0.96	0.96	0.98	0.96	1.00	1.04	1.18	PB		3.02	2.90	3.00
wind	-0.3 m/s	velocity	5.20	8.17	8.50	8.67	8.85	8.85	8.67	8.85	8.50	8.17	8.52	7.94		8.44	8.79	8.50

Harrison, Kendra (Keni) (USA) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	23-Jul-22	time	2.50	3.53	4.53	5.50	6.46	7.40	8.36	9.36	10.33	11.36		12.60	4 / 1			
reaction time	0.182	interval		1.03	1.00	0.97	0.96	0.94	0.96	1.00	0.97	1.03	1.24			3.00	2.86	3.00
wind	-0.4 m/s	velocity	5.20	8.25	8.50	8.76	8.85	9.04	8.85	8.50	8.76	8.25	8.10	7.94		8.50	8.92	8.50

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	08-Aug-22	time	2.47	3.50	4.52	5.50	6.46	7.43	8.43	9.43	10.43	11.43		12.60	6 / 3			
reaction time	0.138	interval		1.03	1.02	0.98	0.96	0.97	1.00	1.00	1.00	1.00	1.17			3.03	2.93	3.00
wind	2.4 m/s	velocity	5.26	8.25	8.33	8.67	8.85	8.76	8.50	8.50	8.50	8.50	8.59	7.94		8.42	8.70	8.50

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.54	3.55	4.50	5.46	6.42	7.42	8.40	9.42	10.43	11.46		12.60	7 / 1			
reaction time	0.134	interval		1.01	0.95	0.96	0.96	1.00	0.98	1.02	1.01	1.03	1.14			2.92	2.94	3.06
wind	0.1 m/s	velocity	5.12	8.42	8.95	8.85	8.85	8.50	8.67	8.33	8.42	8.25	8.82	7.94		8.73	8.67	8.33

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.50	3.53	4.55	5.52	6.47	7.43	8.40	9.42	10.42	11.43		12.60	6 / 2			
reaction time	0.164	interval		1.03	1.02	0.97	0.95	0.96	0.97	1.02	1.00	1.01	1.17			3.02	2.88	3.03
wind	0.1 m/s	velocity	5.20	8.25	8.33	8.76	8.95	8.85	8.76	8.33	8.50	8.42	8.59	7.94		8.44	8.85	8.42

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			

date	23-Aug-23	time	2.50	3.50	4.48	5.45	6.42	7.38	8.36	9.32	10.32	11.40		12.60	5 / 2		
reaction time	0.130	interval		1.00	0.98	0.97	0.97	0.96	0.98	0.96	1.00	1.08	1.20			2.95	2.91	3.04
wind	-0.7 m/s	velocity	5.20	8.50	8.67	8.76	8.76	8.85	8.67	8.85	8.50	7.87	8.38	7.94		8.64	8.76	8.39

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 FBK Games (Hengelo, NED) — *Omega Timing (2024) - continental tour gold race analysis*

date	07-Jul-24	time	2.39	3.46	4.45	5.41	6.39	7.38	8.38	9.36	10.36	11.37		12.60	4 / 1		
reaction time	0.140	interval		1.07	0.99	0.96	0.98	0.99	1.00	0.98	1.00	1.01	1.23			3.02	2.97	2.99
wind	0.3 m/s	velocity	5.44	7.94	8.59	8.85	8.67	8.59	8.50	8.67	8.50	8.42	8.17	7.94		8.44	8.59	8.53

Abdul-Rashid, Mariam (CAN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	09-Aug-24	time	2.42	3.46	4.45	5.41	6.37	7.33	8.30	9.28	10.30	11.32		12.60	3 / 5		
reaction time	0.133	interval		1.04	0.99	0.96	0.96	0.96	0.97	0.98	1.02	1.02	1.28	PB		2.99	2.89	3.02
wind	0.5 m/s	velocity	5.37	8.17	8.59	8.85	8.85	8.85	8.76	8.67	8.33	8.33	7.85	7.94		8.53	8.82	8.44

Siebert, Gloria (GDR) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	30-Sep-88	time	2.60	3.61	4.62	5.58	6.54	7.50	8.46	9.46	10.46	11.46		12.61	4 / 2		
reaction time	0.196	interval		1.01	1.01	0.96	0.96	0.96	0.96	1.00	1.00	1.00	1.15			2.98	2.88	3.00
wind	0.2 m/s	velocity	5.00	8.42	8.42	8.85	8.85	8.85	8.85	8.50	8.50	8.50	9.13	7.93		8.56	8.85	8.50

Freeman, Michelle (JAM) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 IAAF World Championships (Athens, GRE) — *Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*

date	10-Aug-97	time	2.52	3.53	4.52	5.48	6.46	7.43	8.42	9.42	10.44	11.48		12.61	4 / 3		
reaction time	0.145	interval		1.01	0.99	0.96	0.98	0.97	0.99	1.00	1.02	1.04	1.13			2.96	2.94	3.06
wind	-0.3 m/s	velocity	5.16	8.42	8.59	8.85	8.67	8.76	8.59	8.50	8.33	8.17	9.29	7.93		8.61	8.67	8.33

Alozie, Glory (NGR) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP) — *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	27-Aug-99	time	2.52	3.53	4.53	5.52	6.48	7.47	8.43	9.42	10.39	11.39		12.61	6 / 2		
reaction time	0.154	interval		1.01	1.00	0.99	0.96	0.99	0.96	0.99	0.97	1.00	1.22			3.00	2.91	2.96
wind	1.9 m/s	velocity	5.16	8.42	8.50	8.59	8.85	8.59	8.85	8.59	8.76	8.50	8.61	7.93		8.50	8.76	8.61

Devers, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2003 USATF National Championships (Palo Alto, CA) — *USATF Women's Sprint Development (2003)*

date	22-Jun-03	time	2.50	3.50	4.50	5.47	6.45	7.42	8.42	9.40	10.41	11.41		12.61	5 / 1		
reaction time		interval		1.00	1.00	0.97	0.98	0.97	1.00	0.98	1.01	1.00	1.20			2.97	2.95	2.99
wind	-0.1 m/s	velocity	5.20	8.50	8.50	8.76	8.67	8.76	8.50	8.67	8.42	8.50	8.75	7.93		8.59	8.64	8.53

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) — *Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*

date	28-Aug-07	time	2.64	3.66	4.63	5.61	6.56	7.54	8.52	9.52	10.50	11.52		12.61	6 / 2		
reaction time	0.133	interval		1.02	0.97	0.98	0.95	0.98	0.98	1.00	0.98	1.02	1.09			2.97	2.91	3.00
wind	-0.1 m/s	velocity	4.92	8.33	8.76	8.67	8.95	8.67	8.67	8.50	8.67	8.33	9.63	7.93		8.59	8.76	8.50

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Weltklasse (Zurich, SUI) — *Winckler (2009) - UK Athletics- National Coaching Conference*

date	28-Aug-09	time	2.46	3.50	4.47	5.44	6.37	7.38	8.36	9.32	10.27	11.29		12.61	/ 3		
reaction time	0.159	interval		1.04	0.97	0.97	0.93	1.01	0.98	0.96	0.95	1.02	1.32			2.98	2.92	2.93
wind	-0.4 m/s	velocity	5.28	8.17	8.76	8.76	9.14	8.42	8.67	8.85	8.95	8.33	7.95	7.93		8.56	8.73	8.70

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 IAAF World Athletic Final (Thessaloniki, GRE) — *Winckler (2009) - UK Athletics- National Coaching Conference*

date	12-Sep-09	time	2.23	3.26	4.22	5.19	6.15	7.09	8.11	9.10	10.08	11.05		12.61	7 / 5		
reaction time	0.173	interval		1.03	0.96	0.97	0.96	0.94	1.02	0.99	0.98	0.97	1.56			2.96	2.92	2.94
wind	-0.1 m/s	velocity	5.83	8.25	8.85	8.76	8.85	9.04	8.33	8.59	8.67	8.76	6.73	7.93		8.61	8.73	8.67

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis) — *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	17-Aug-16	time	2.37	3.40	4.43	5.40	6.37	7.37	8.34	9.31	10.31	11.31		12.61	7 / 3		
reaction time	0.152	interval		1.03	1.03	0.97	0.97	1.00	0.97	0.97	1.00	1.00	1.30			3.03	2.94	2.97
wind	0.0 m/s	velocity	5.49	8.25	8.25	8.76	8.76	8.50	8.76	8.76	8.50	8.50	8.08	7.93		8.42	8.67	8.59

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis) — *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	06-Jul-17	time	2.48	3.52	4.50	5.50	6.48	7.46	8.43	9.43	10.43	11.43		12.61	4 / 4		
reaction time	0.135	interval		1.04	0.98	1.00	0.98	0.98	0.97	1.00	1.00	1.00	1.18			3.02	2.93	3.00
wind	-0.1 m/s	velocity	5.24	8.17	8.67	8.50	8.67	8.67	8.76	8.50	8.50	8.50	8.90	7.93		8.44	8.70	8.50

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis) — *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	06-Jul-17	time	2.50	3.60	4.57	5.53	6.50	7.47	8.47	9.43	10.43	11.43		12.61	7 / 5		

reaction time	0.133	interval		1.10	0.97	0.96	0.97	0.97	1.00	0.96	1.00	1.00	1.18			3.03	2.94	2.96
wind	-0.1 m/s	velocity	5.20	7.73	8.76	8.85	8.76	8.76	8.50	8.85	8.50	8.50	8.90	7.93		8.42	8.67	8.61

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Leise Prokop Memorial (St. Pölten, AUT) (TV Analysis)													*Henson (2021) - Athlete First: 2018 year end hurdle report*			
date 31-May-18 time	2.56	3.58	4.58	5.56	6.52	7.48	8.46	9.42	10.42	11.40		12.61	3 / 1			
reaction time interval		1.02	1.00	0.98	0.96	0.96	0.98	0.96	1.00	0.98	1.21	NR PB		3.00	2.90	2.94
wind 0.1 m/s velocity	5.08	8.33	8.50	8.67	8.85	8.85	8.67	8.85	8.50	8.67	8.68	7.93		8.50	8.79	8.67

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 31-Aug-18 time	2.52	3.52	4.52	5.52	6.50	7.48	8.46	9.44	10.42	11.44		12.61	6 / 1			
reaction time 0.196 interval		1.00	1.00	1.00	0.98	0.98	0.98	0.98	0.98	1.02	1.17			3.00	2.94	2.98
wind 0.1 m/s velocity	5.16	8.50	8.50	8.50	8.67	8.67	8.67	8.67	8.67	8.33	8.97	7.93		8.50	8.67	8.56

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 27-Jul-19 time	2.47	3.50	4.47	5.46	6.40	7.40	8.38	9.37	10.37	11.40		12.61	4 / 3			
reaction time interval		1.03	0.97	0.99	0.94	1.00	0.98	0.99	1.00	1.03	1.21			2.99	2.92	3.02
wind -1.2 m/s velocity	5.26	8.25	8.76	8.59	9.04	8.50	8.67	8.59	8.50	8.25	8.68	7.93		8.53	8.73	8.44

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.38	3.38	4.36	5.32	6.28	7.26	8.24	9.24	10.26	11.28		12.61	4 / 2			
reaction time 0.175 interval		1.00	0.98	0.96	0.96	0.98	0.98	1.00	1.02	1.02	1.33	PB		2.94	2.92	3.04
wind 0.8 m/s velocity	5.46	8.50	8.67	8.85	8.85	8.67	8.67	8.50	8.33	8.33	7.56	7.93		8.67	8.73	8.39

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
date 09-May-21 time	2.53	3.57	4.57	5.54	6.50	7.47	8.46	9.45	10.44	11.44		12.61	7 / 3			
reaction time 0.172 interval		1.04	1.00	0.97	0.96	0.97	0.99	0.99	0.99	1.00	1.17			3.01	2.92	2.98
wind 2.0 m/s velocity	5.14	8.17	8.50	8.76	8.85	8.76	8.59	8.59	8.59	8.50	8.59	7.93		8.47	8.73	8.56

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
date 09-May-21 time	2.43	3.46	4.44	5.42	6.38	7.36	8.34	9.32	10.34	11.36		12.61	1 / 4			
reaction time 0.147 interval		1.03	0.98	0.98	0.96	0.98	0.98	0.98	1.02	1.02	1.25	NR PB		2.99	2.92	3.02
wind 2.0 m/s velocity	5.35	8.25	8.67	8.67	8.85	8.67	8.67	8.67	8.33	8.33	8.04	7.93		8.53	8.73	8.44

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 19-Jun-21 time	2.46	3.46	4.43	5.41	6.41	7.38	8.38	9.36	10.36	11.40		12.61	7 / 1			
reaction time 0.167 interval	7 steps	1.00	0.97	0.98	1.00	0.97	1.00	0.98	1.00	1.04	1.21	PB		2.95	2.97	3.02
wind 0.8 m/s velocity	5.28	8.50	8.76	8.67	8.50	8.76	8.50	8.67	8.50	8.17	8.31	7.93		8.64	8.59	8.44

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.43	3.46	4.44	5.40	6.37	7.34	8.33	9.32	10.32	11.36		12.61	6 / 4			
reaction time 0.158 interval		1.03	0.98	0.96	0.97	0.97	0.99	0.99	1.00	1.04	1.25	PB		2.97	2.93	3.03
wind 1.2 m/s velocity	5.35	8.25	8.67	8.85	8.76	8.76	8.59	8.59	8.50	8.17	8.04	7.93		8.59	8.70	8.42

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 22-Apr-22 time	2.58	3.63	4.61	5.59	6.55	7.51	8.47	9.47	10.47	11.49		12.61	5 / 4			
reaction time interval		1.05	0.98	0.98	0.96	0.96	0.96	1.00	1.00	1.02	1.12			3.01	2.88	3.02
wind 0.8 m/s velocity	5.04	8.10	8.67	8.67	8.85	8.85	8.85	8.50	8.50	8.33	8.97	7.93		8.47	8.85	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 13-May-22 time	2.45	3.47	4.45	5.43	6.39	7.34	8.34	9.34	10.36	11.40		12.61	7 / 4			
reaction time 0.154 interval		1.02	0.98	0.98	0.96	0.95	1.00	1.00	1.02	1.04	1.21			2.98	2.91	3.06
wind 3.8 m/s velocity	5.31	8.33	8.67	8.67	8.85	8.95	8.50	8.50	8.33	8.17	8.31	7.93		8.56	8.76	8.33

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)													*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	2.40	3.45	4.45	5.45	6.43	7.41	8.39	9.38	10.37	11.37		12.61	5 / 1			
reaction time 0.156 interval		1.05	1.00	1.00	0.98	0.98	0.98	0.99	0.99	1.00	1.24			3.05	2.94	2.98
wind 0.2 m/s velocity	5.42	8.10	8.50	8.50	8.67	8.67	8.67	8.59	8.59	8.50	8.10	7.93		8.36	8.67	8.56

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 24-Aug-23 time	2.57	3.57	4.56	5.53	6.49	7.46	8.43	9.42	10.46	11.49		12.61	8 / 5			
reaction time 0.135 interval		1.00	0.99	0.97	0.96	0.97	0.97	0.99	1.04	1.03	1.12			2.96	2.90	3.06

wind	-0.2 m/s	velocity	5.06	8.50	8.59	8.76	8.85	8.76	8.76	8.59	8.17	8.25	8.97	7.93		8.61	8.79	8.33

Amusan, Tobi (NGR) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	27-Apr-24	time	2.55	3.57	4.57	5.54	6.51	7.46	8.46	9.44	10.47	11.51		12.61	6 / ~~1~~	*no official time given*		
reaction time	0.123	interval		1.02	1.00	0.97	0.97	0.95	1.00	0.98	1.03	1.04	1.10	**DQ** fs	*(0.093)*	2.99	2.92	3.05
wind	0.3 m/s	velocity	5.10	8.33	8.50	8.76	8.76	8.95	8.50	8.67	8.25	8.17	9.14	7.93		8.53	8.73	8.36

Brown, Janeek (JAM) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Jamaican National Senior Championships (Kingston, JAM) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.56	3.57	4.60	5.58	6.57	7.54	8.52	9.51	10.50	11.50		12.61	2 / 3			
reaction time	0.167	interval		1.01	1.03	0.98	0.99	0.97	0.98	0.99	0.99	1.00	1.11			3.02	2.94	2.98
wind	0.1 m/s	velocity	5.08	8.42	8.25	8.67	8.59	8.76	8.67	8.59	8.59	8.50	9.05	7.93		8.44	8.67	8.56

Clemons, Christina (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	30-Jun-24	time	2.55	3.57	4.55	5.51	6.52	7.50	8.48	9.47	10.47	11.47		12.61	7 / 7			
reaction time		interval		1.02	0.98	0.96	1.01	0.98	0.98	0.99	1.00	1.00	1.14			2.96	2.97	2.99
wind	0.7 m/s	velocity	5.10	8.33	8.67	8.85	8.42	8.67	8.67	8.59	8.50	8.50	8.82	7.93		8.61	8.59	8.53

Johnson, Alaysha (USA) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	07-Aug-24	time	2.46	3.50	4.49	5.46	6.44	7.41	8.39	9.38	10.39	11.40		12.61	7 / 2			
reaction time	0.156	interval		1.04	0.99	0.97	0.98	0.97	0.98	0.99	1.01	1.01	1.21			3.00	2.93	3.01
wind	-0.1 m/s	velocity	5.28	8.17	8.59	8.76	8.67	8.76	8.67	8.59	8.42	8.42	8.31	7.93		8.50	8.70	8.47

Schaller-Klier, Johanna (GDR) (1952)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1978 European Championships (Prague, TCH)															*Lamare (1978) - championnats d'Europa 1978*			
date	02-Sep-78	time	2.69				6.52							12.62	4 / 1			
reaction time		interval					3.83											
wind	0.6 m/s	velocity	4.83				8.88							7.92				

Zagorcheva, Ginka (BUL) (1958)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)															*Knobe (1984) - the hurdles*			
date	13-Aug-83	time	2.52	3.58	4.59	5.57	6.51	7.45	8.39	9.47	10.41	11.44		12.62	6 / 3			
reaction time	0.117	interval		1.06	1.01	0.98	0.94	0.94	0.94	1.08	0.94	1.03	1.18			3.05	2.82	3.05
wind	2.4 m/s	velocity	5.16	8.02	8.42	8.67	9.04	9.04	9.04	7.87	9.04	8.25	8.90	7.92		8.36	9.04	8.36

Devers, Gail (USA) (1966)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)															*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time	2.26	3.28	4.28	5.26	6.24	7.21	8.20	9.20	10.22	11.32		12.62	2 / 1			
reaction time		interval		1.02	1.00	0.98	0.98	0.97	0.99	1.00	1.02	1.10	1.30			3.00	2.94	3.12
wind	0.6 m/s	velocity	5.75	8.33	8.50	8.67	8.67	8.76	8.59	8.50	8.33	7.73	8.08	7.92		8.50	8.67	8.17

Engquist, Ludmila (SWE) (1964)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 6 - 1999 IAAF World Championships (Sevilla, ESP)															*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date	26-Aug-99	time	2.59	3.60	4.60	5.57	6.56	7.54	8.51	9.50	10.50	11.53		12.62	4 / 1			
reaction time	0.137	interval		1.01	1.00	0.97	0.99	0.98	0.97	0.99	1.00	1.03	1.09			2.98	2.94	3.02
wind	3.2 m/s	velocity	5.02	8.42	8.50	8.76	8.59	8.67	8.76	8.59	8.50	8.25	9.63	7.92		8.56	8.67	8.44

McKelvy-Jones, Miesha (USA) (1976)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2003 USATF National Championships (Palo Alto, CA)															*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	2.50	3.55	4.55	5.52	6.52	7.47	8.46	9.44	10.44	11.46		12.62	6 / 2			
reaction time		interval		1.05	1.00	0.97	1.00	0.95	0.99	0.98	1.00	1.02	1.16			3.02	2.94	3.00
wind	-0.1 m/s	velocity	5.20	8.10	8.50	8.76	8.50	8.95	8.59	8.67	8.50	8.33	9.05	7.92		8.44	8.67	8.50

Harper, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 USA Olympic Trials (Eugene, OR)															*USATF Hurdle Development (2008)*			
date	06-Jul-08	time	2.58	3.57	4.55	5.50	6.45	7.39	8.34	9.39	10.46	11.46		12.62	2 / 3			
reaction time		interval		0.99	0.98	0.95	0.95	0.94	0.95	1.05	1.07	1.00	1.16			2.92	2.84	3.12
wind	3.8 m/s	velocity	5.04	8.59	8.67	8.95	8.95	9.04	8.95	8.10	7.94	8.50	9.05	7.92		8.73	8.98	8.17

Denby, Nichole (USA) (1982)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 USA Olympic Trials (Eugene, OR)															*USATF Hurdle Development (2008)*			
date	06-Jul-08	time	2.60	3.58	4.57	5.53	6.50	7.50	8.47	9.47	10.47	11.49		12.62	5 / 4			
reaction time		interval		0.98	0.99	0.96	0.97	1.00	0.97	1.00	1.00	1.02	1.13			2.93	2.94	3.02
wind	3.8 m/s	velocity	5.00	8.67	8.59	8.85	8.76	8.50	8.76	8.50	8.50	8.33	9.29	7.92		8.70	8.67	8.44

Cherry, Damu (USA) (1977)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)															*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date	18-Aug-08	time	2.59	3.62	4.59	5.55	6.52	7.52	8.52	9.52	10.52	11.54		12.62	8 / 1			
reaction time	0.189	interval		1.03	0.97	0.96	0.97	1.00	1.00	1.00	1.00	1.02	1.08			2.96	2.97	3.02
wind	0.2 m/s	velocity	5.02	8.25	8.76	8.85	8.76	8.50	8.50	8.50	8.50	8.33	9.72	7.92		8.61	8.59	8.44

Roleder, Cindy (GER) (1989)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED)																		
date	07-Jul-16	time	2.58	3.58	4.56	5.54	6.52	7.50	8.50	9.48	10.48	11.50		12.62	7 / 1			
reaction time	0.135	interval		1.00	0.98	0.98	0.98	0.98	1.00	0.98	1.00	1.02	1.12			2.96	2.96	3.00
wind	-0.7 m/s	velocity	5.04	8.50	8.67	8.67	8.67	8.67	8.50	8.67	8.50	8.33	9.38	7.92		8.61	8.61	8.50

Henson (2020) - Athlete First: 2016 year end hurdle report

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR)																		
date	08-Jul-16	time	2.47	3.50	4.50	5.47	6.44	7.41	8.37	9.37	10.37	11.37		12.62	2 / 6			
reaction time	0.229	interval		1.03	1.00	0.97	0.97	0.97	0.96	1.00	1.00	1.00	1.25			3.00	2.90	3.00
wind	1.2 m/s	velocity	5.26	8.25	8.50	8.76	8.76	8.76	8.85	8.50	8.50	8.50	8.40	7.92		8.50	8.79	8.50

Henson (2020) - Athlete First: 2016 year end hurdle report

Nelvis, Sharika (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)																		
date	09-Jul-17	time	2.50	3.52	4.50	5.48	6.44	7.42	8.38	9.40	10.40	11.42		12.62	8 / 3			
reaction time	0.144	interval	7 steps	1.02	0.98	0.98	0.96	0.98	0.96	1.02	1.00	1.02	1.20			2.98	2.90	3.04
wind	0.2 m/s	velocity	5.20	8.33	8.67	8.67	8.85	8.67	8.85	8.33	8.50	8.33	8.75	7.92		8.56	8.79	8.39

Henson (2020) - Athlete First: 2017 year end hurdle report

Clemons, Christina (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)																		
date	12-Jul-19	time	2.46	3.50	4.48	5.46	6.44	7.42	8.40	9.38	10.38	11.42		12.62	6 / 3			
reaction time	0.148	interval		1.04	0.98	0.98	0.98	0.98	0.98	0.98	1.00	1.04	1.20			3.00	2.94	3.02
wind	0.1 m/s	velocity	5.28	8.17	8.67	8.67	8.67	8.67	8.67	8.67	8.50	8.17	8.75	7.92		8.50	8.67	8.44

Henson (2020) - Athlete First: 2019 year end hurdle report

Visser, Nadine (NED) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)																		
date	06-Oct-19	time	2.48	3.50	4.48	5.44	6.40	7.38	8.34	9.32	10.34	11.38		12.62	5 / 3			
reaction time	0.148	interval		1.02	0.98	0.96	0.96	0.98	0.96	0.98	1.02	1.04	1.24	NR		2.96	2.90	3.04
wind	1.0 m/s	velocity	5.24	8.33	8.67	8.85	8.85	8.67	8.85	8.67	8.33	8.17	8.10	7.92		8.61	8.79	8.39

Henson (2020) - Athlete First: 2019 year end hurdle report

Brown, Janeek (JAM) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)																		
date	06-Oct-19	time	2.53	3.56	4.54	5.53	6.52	7.49	8.48	9.47	10.47	11.50		12.62	7 / 2			
reaction time	0.134	interval		1.03	0.98	0.99	0.99	0.97	0.99	0.99	1.00	1.03	1.12			3.00	2.95	3.02
wind	0.6 m/s	velocity	5.14	8.25	8.67	8.59	8.59	8.76	8.59	8.59	8.50	8.25	8.97	7.92		8.50	8.64	8.44

CAA Hurdle Development (2019)

Amusan, Tobi (NGR) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																		
date	01-Aug-21	time	2.46	3.51	4.51	5.48	6.46	7.43	8.39	9.37	10.37	11.43		12.62	5 / 1			
reaction time	0.148	interval		1.05	1.00	0.97	0.98	0.97	0.96	0.98	1.00	1.06	1.19			3.02	2.91	3.04
wind	-0.8 m/s	velocity	5.28	8.10	8.50	8.76	8.67	8.76	8.85	8.67	8.50	8.02	8.45	7.92		8.44	8.76	8.39

Henson (2024) - Athlete First: 2021 year end hurdle report

Tapper, Megan (JAM) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																		
date	01-Aug-21	time	2.58	3.61	4.58	5.53	6.49	7.45	8.44	9.44	10.44	11.47		12.62	4 / 2			
reaction time	0.155	interval		1.03	0.97	0.95	0.96	0.96	0.99	1.00	1.00	1.03	1.15			2.95	2.91	3.03
wind	-0.2 m/s	velocity	5.04	8.25	8.76	8.95	8.85	8.85	8.59	8.50	8.50	8.25	8.74	7.92		8.64	8.76	8.42

Henson (2024) - Athlete First: 2021 year end hurdle report

Chadwick, Payton (USA) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	09-Sep-21	time	2.50	3.52	4.52	5.50	6.46	7.44	8.40	9.40	10.38	11.42		12.62	7 / 4			
reaction time	0.132	interval		1.02	1.00	0.98	0.96	0.98	0.96	1.00	0.98	1.04	1.20	PB		3.00	2.90	3.02
wind	0.4 m/s	velocity	5.20	8.33	8.50	8.67	8.85	8.67	8.85	8.50	8.67	8.17	8.38	7.92		8.50	8.79	8.44

Henson (2021) - Athlete First: 2021 year end hurdle report

Skrzyszowska, Pia (POL) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																		
date	24-Jul-22	time	2.46	3.46	4.44	5.44	6.43	7.40	8.40	9.40	10.40	11.42		12.62	6 / 4			
reaction time	0.119	interval		1.00	0.98	1.00	0.99	0.97	1.00	1.00	1.00	1.02	1.20	PB		2.98	2.96	3.02
wind	-0.1 m/s	velocity	5.28	8.50	8.67	8.50	8.59	8.76	8.50	8.50	8.50	8.33	8.38	7.92		8.56	8.61	8.44

Henson (2022) - Athlete First: 2022 year end hurdle report

Johnson, Alaysha (USA) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)																		
date	08-Aug-22	time	2.60	3.65	4.63	5.66	6.66	7.63	8.60	9.57	10.53	11.50		12.62	7 / 4			
reaction time	0.173	interval		1.05	0.98	1.03	1.00	0.97	0.97	0.97	0.96	0.97	1.12			3.06	2.94	2.90
wind	2.4 m/s	velocity	5.00	8.10	8.67	8.25	8.50	8.76	8.76	8.76	8.85	8.76	8.97	7.92		8.33	8.67	8.79

Henson (2022) - Athlete First: 2022 year end hurdle report

Lavin, Sarah (IRL) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)																		
date	23-Aug-23	time	2.57	3.57	4.57	5.54	6.50	7.47	8.45	9.42	10.45	11.48		12.62	4 / 5			
reaction time	0.139	interval		1.00	1.00	0.97	0.96	0.97	0.98	0.97	1.03	1.03	1.14	NR		2.97	2.91	3.03
wind	0.5 m/s	velocity	5.06	8.50	8.50	8.76	8.85	8.76	8.67	8.76	8.25	8.25	8.82	7.92		8.59	8.76	8.42

Henson (2023) - Athlete First: 2023 year end hurdle report

Amusan, Tobi (NGR) (1997)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)															*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date	24-Aug-23	time	2.56	3.58	4.55	5.53	6.50	7.48	8.45	9.48	10.49	11.53		12.62	5 / 6			
reaction time	0.152	interval		1.02	0.97	0.98	0.97	0.98	0.97	1.03	1.01	1.04	1.09			2.97	2.92	3.08
wind	-0.2 m/s	velocity	5.08	8.33	8.76	8.67	8.76	8.67	8.76	8.25	8.42	8.17	9.22	7.92		8.59	8.73	8.28

Jones, Tia (USA) (2000)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)															*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	2.47	3.51	4.49	5.46	6.42	7.38	8.35	9.34	10.35	11.36		12.62	6 / 4			
reaction time	0.150	interval		1.04	0.98	0.97	0.96	0.96	0.97	0.99	1.01	1.01	1.26			2.99	2.89	3.01
wind	-0.2 m/s	velocity	5.26	8.17	8.67	8.76	8.85	8.85	8.76	8.59	8.42	8.42	7.98	7.92		8.53	8.82	8.47

Ali, Nia (USA) (1988)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Prefontaine Classic (Eugene, OR)															*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	2.44	3.48	4.47	5.45	6.42	7.39	8.36	9.35	10.35	11.36		12.62	2 / 7			
reaction time	0.153	interval		1.04	0.99	0.98	0.97	0.97	0.97	0.99	1.00	1.01	1.26			3.01	2.91	3.00
wind	1.8 m/s	velocity	5.33	8.17	8.59	8.67	8.76	8.76	8.76	8.59	8.50	8.42	7.98	7.92		8.47	8.76	8.50

Williams, Danielle (JAM) (1992)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Memorial van damme (Brussels, BEL)															*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	2.56	3.55	4.54	5.50	6.47	7.44	8.42	9.44	10.44	11.48		12.62	7 / 5			
reaction time	0.129	interval		0.99	0.99	0.96	0.97	0.97	0.98	1.02	1.00	1.04	1.14			2.94	2.92	3.06
wind	0.4 m/s	velocity	5.08	8.59	8.59	8.85	8.76	8.76	8.67	8.33	8.50	8.17	8.82	7.92		8.67	8.73	8.33

Fourie, Marione (RSA) (2002)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.47	3.52	4.51	5.50	6.48	7.45	8.43	9.41	10.39	11.39		12.62	1 / 3			
reaction time	0.159	interval		1.05	0.99	0.99	0.98	0.97	0.98	0.98	0.98	1.00	1.23			3.03	2.93	2.96
wind	-0.2 m/s	velocity	5.26	8.10	8.59	8.59	8.67	8.76	8.67	8.67	8.67	8.50	8.17	7.92		8.42	8.70	8.61

Fourie, Marione (RSA) (2002)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	2.45	3.51	4.51	5.50	6.47	7.44	8.42	9.40	10.40	11.40		12.62	2 / 3			
reaction time	0.151	interval		1.06	1.00	0.99	0.97	0.97	0.98	0.98	1.00	1.00	1.22			3.05	2.92	2.98
wind	0.3 m/s	velocity	5.31	8.02	8.50	8.59	8.76	8.76	8.67	8.67	8.50	8.50	8.24	7.92		8.36	8.73	8.56

Theele, Heike (GDR) (1964)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 East German National Championships (Jena, GDR)															*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date	27-Jun-86	time	2.58	3.60	4.60	5.58	6.57	7.54	8.53	9.51	10.52	11.53		12.63	/ 2			
reaction time		interval		1.02	1.00	0.98	0.99	0.97	0.99	0.98	1.01	1.01	1.10	PB		3.00	2.95	3.00
wind	1.4 m/s	velocity	5.04	8.33	8.50	8.67	8.59	8.76	8.59	8.67	8.42	8.42	9.55	7.92		8.50	8.64	8.50

Oschkenat, Cornelia (GDR) (1961)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)															*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	2.56	3.59	4.59	5.56	6.54	7.51	8.51	9.51	10.51	11.52		12.63	4 / 1			
reaction time	0.138	interval		1.03	1.00	0.97	0.98	0.97	1.00	1.00	1.00	1.01	1.11			3.00	2.95	3.01
wind	0.4 m/s	velocity	5.08	8.25	8.50	8.76	8.67	8.76	8.50	8.50	8.50	8.42	9.46	7.92		8.50	8.64	8.47

Devers-Roberts, Gail (USA) (1966)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 IAAF World Championships (Tokyo, JPN)															*Numazawa (1991) - analysis of time in the 3rd world athletics championships, women's 100m hurdles*			
date	30-Aug-91	time	2.57	3.61	4.61	5.59	6.58	7.56	8.54	9.55	10.55	11.56		12.63	5 / 2			
reaction time	0.148	interval		1.04	1.00	0.98	0.99	0.98	0.98	1.01	1.00	1.01	1.07			3.02	2.95	3.02
wind	-1.7 m/s	velocity	5.06	8.17	8.50	8.67	8.59	8.67	8.67	8.42	8.50	8.42	9.81	7.92		8.44	8.64	8.44

Adams, Jenny (USA) (1978)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 IAAF World Championships (Edmonton, CAN)															*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	11-Aug-01	time	2.63	3.63	4.59	5.55	6.51	7.47	8.43	9.39	10.45	11.48		12.63	4 / 5			
reaction time	0.148	interval		1.00	0.96	0.96	0.96	0.96	0.96	0.96	1.06	1.03	1.15	PB		2.92	2.88	3.05
wind	2.0 m/s	velocity	4.94	8.50	8.85	8.85	8.85	8.85	8.85	8.85	8.02	8.25	9.13	7.92		8.73	8.85	8.36

Crawford, Virginia (Ginnie) (USA) (1

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)															*USATF Women's Hurdle Development (2006)*			
date	24-Jun-06	time	2.54	3.54	4.52	5.47	6.44	7.37	8.38	9.37	10.38	11.46		12.63	4 / 1			
reaction time		interval		1.00	0.98	0.95	0.97	0.93	1.01	0.99	1.01	1.08	1.17			2.93	2.91	3.08
wind	- 0.4 m/s	velocity	5.12	8.50	8.67	8.95	8.76	9.14	8.42	8.59	8.42	7.87	8.97	7.92		8.70	8.76	8.28

Crawford, Virginia (Ginnie) (USA) (1

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)															*USATF Men's Hurdle Development (2007)*			
date	23-Jun-07	time	2.59	3.57	4.57	5.56	6.55	7.53	8.51	9.51	10.50	11.53		12.63	/ 1			
reaction time		interval		0.98	1.00	0.99	0.99	0.98	0.98	1.00	0.99	1.03	1.10			2.97	2.95	3.02
wind	-1.3 m/s	velocity	5.02	8.67	8.50	8.59	8.59	8.67	8.67	8.50	8.59	8.25	9.55	7.92		8.59	8.64	8.44

Yanit, Nevin (TUR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2010 European Championships (Barcelona, ESP) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	31-Jul-10	time	2.57	3.60	4.61	5.59	6.58	7.56	8.54	9.54	10.53	11.56		12.63	3 / 1			
reaction time	0.184	interval		1.03	1.01	0.98	0.99	0.98	0.98	1.00	0.99	1.03	1.07	NR		3.02	2.95	3.02
wind	-0.5 m/s	velocity	5.06	8.25	8.42	8.67	8.59	8.67	8.67	8.50	8.59	8.25	9.81	7.92		8.44	8.64	8.44

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical analysis of women's 100m hurdle*

date	03-Sep-11	time	2.57	3.57	4.57	5.50	6.46	7.43	8.40	9.38	10.36	11.40		12.63	5 / 4			
reaction time	0.158	interval		1.00	1.00	0.93	0.96	0.97	0.97	0.98	0.98	1.04	1.23			2.93	2.90	3.00
wind	1.1 m/s	velocity	5.06	8.50	8.50	9.14	8.85	8.76	8.76	8.67	8.67	8.17	8.54	7.92		8.70	8.79	8.50

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Sparkassen Gala (Regensburg, GER) *Unfried (2016) - Austrian Athletics: athlete compeititon analysis*

date	05-Jun-16	time	2.58	3.58	4.58	5.55	6.51	7.48	8.47	9.47	10.49	11.51		12.63	/ 1			
reaction time		interval		1.00	1.00	0.97	0.96	0.97	0.99	1.00	1.02	1.02	1.12	NR		2.97	2.92	3.04
wind	0.0 m/s	velocity	5.04	8.50	8.50	8.76	8.85	8.76	8.59	8.50	8.33	8.33	9.37	7.92		8.59	8.73	8.39

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	22-Jul-16	time	2.48	3.48	4.46	5.42	6.44	7.42	8.40	9.38	10.40	11.42		12.63	5 / 4			
reaction time	0.145	interval		1.00	0.98	0.96	1.02	0.98	0.98	0.98	1.02	1.02	1.21			2.94	2.98	3.02
wind	0.3 m/s	velocity	5.24	8.50	8.67	8.85	8.33	8.67	8.67	8.67	8.33	8.33	8.68	7.92		8.67	8.56	8.44

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	17-Aug-16	time	2.37	3.40	4.40	5.37	6.34	7.31	8.31	9.31	10.31	11.34		12.63	8 / 4			
reaction time	0.161	interval		1.03	1.00	0.97	0.97	0.97	1.00	1.00	1.00	1.03	1.29			3.00	2.94	3.03
wind	0.0 m/s	velocity	5.49	8.25	8.50	8.76	8.76	8.76	8.50	8.50	8.50	8.25	8.14	7.92		8.50	8.67	8.42

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	01-Sep-16	time	2.48	3.48	4.48	5.48	6.46	7.44	8.42	9.40	10.38	11.38		12.63	5 / 1			
reaction time	0.168	interval		1.00	1.00	1.00	0.98	0.98	0.98	0.98	0.98	1.00	1.25			3.00	2.94	2.96
wind	0.4 m/s	velocity	5.24	8.50	8.50	8.50	8.67	8.67	8.67	8.67	8.67	8.50	8.40	7.92		8.50	8.67	8.61

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.42	3.47	4.48	5.46	6.44	7.41	8.37	9.36	10.36	11.38		12.63	7 / 1			
reaction time	0.109	interval		1.05	1.01	0.98	0.98	0.97	0.96	0.99	1.00	1.02	1.25			3.04	2.91	3.01
wind	0.2 m/s	velocity	5.37	8.10	8.42	8.67	8.67	8.76	8.85	8.59	8.50	8.33	8.40	7.92		8.39	8.76	8.47

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	12-Aug-17	time	2.47	3.51	4.51	5.49	6.47	7.45	8.40	9.39	10.39	11.41		12.63	6 / 2			
reaction time	0.167	interval		1.04	1.00	0.98	0.98	0.98	0.95	0.99	1.00	1.02	1.22			3.02	2.91	3.01
wind	0.1 m/s	velocity	5.26	8.17	8.50	8.67	8.67	8.67	8.95	8.59	8.50	8.33	8.61	7.92		8.44	8.76	8.47

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	07-Jun-18	time	2.56	3.56	4.56	5.52	6.48	7.46	8.44	9.40	10.42	11.44		12.63	5 / 2			
reaction time	0.231	interval		1.00	1.00	0.96	0.96	0.98	0.98	0.96	1.02	1.02	1.19			2.96	2.92	3.00
wind	1.1 m/s	velocity	5.08	8.50	8.50	8.85	8.85	8.67	8.67	8.85	8.33	8.33	8.82	7.92		8.61	8.73	8.50

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	22-Jul-18	time	2.52	3.54	4.56	5.50	6.48	7.48	8.46	9.44	10.42	11.44		12.63	3 / 6			
reaction time	0.167	interval		1.02	1.02	0.94	0.98	1.00	0.98	0.98	0.98	1.02	1.19			2.98	2.96	2.98
wind	0.6 m/s	velocity	5.16	8.33	8.33	9.04	8.67	8.50	8.67	8.67	8.67	8.33	8.82	7.92		8.56	8.61	8.56

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	31-Aug-18	time	2.54	3.56	4.56	5.52	6.52	7.48	8.46	9.44	10.42	11.44		12.63	4 / 2			
reaction time	0.205	interval		1.02	1.00	0.96	1.00	0.96	0.98	0.98	0.98	1.02	1.19			2.98	2.94	2.98
wind	0.1 m/s	velocity	5.12	8.33	8.50	8.85	8.50	8.85	8.67	8.67	8.67	8.33	8.82	7.92		8.56	8.67	8.56

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	19-Jun-21	time	2.50	3.53	4.53	5.53	6.50	7.46	8.43	9.43	10.43	11.46		12.63	4 / 1			
reaction time	0.163	interval		1.03	1.00	1.00	0.97	0.96	0.97	1.00	1.00	1.03	1.17			3.03	2.90	3.03
wind	1.0 m/s	velocity	5.20	8.25	8.50	8.50	8.76	8.85	8.76	8.50	8.50	8.25	8.59	7.92		8.42	8.79	8.42

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.40	3.42	4.40	5.39	6.37	7.34	8.32	9.32	10.32	11.36		12.63	5 / 6		
reaction time	0.130	interval		1.02	0.98	0.99	0.98	0.97	0.98	1.00	1.00	1.04	1.27			2.99	2.93	3.04
wind	0.8 m/s	velocity	5.42	8.33	8.67	8.59	8.67	8.76	8.67	8.50	8.50	8.17	7.91	7.92		8.53	8.70	8.39

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.61	3.61	4.58	5.53	6.49	7.45	8.45	9.45	10.44	11.51		12.63	6 / 3			
reaction time 0.156 interval		1.00	0.97	0.95	0.96	0.96	1.00	1.00	0.99	1.07	1.12			2.92	2.92	3.06
wind -0.2 m/s velocity	4.98	8.50	8.76	8.95	8.85	8.85	8.50	8.50	8.59	7.94	8.97	7.92		8.73	8.73	8.33

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 22-Apr-22 time	2.60	3.63	4.63	5.61	6.59	7.55	8.53	9.51	10.51	11.51		12.63	3 / 5			
reaction time interval		1.03	1.00	0.98	0.98	0.96	0.98	0.98	1.00	1.00	1.12			3.01	2.92	2.98
wind 0.8 m/s velocity	5.00	8.25	8.50	8.67	8.67	8.85	8.67	8.67	8.50	8.50	8.97	7.92		8.47	8.73	8.56

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 18-Jun-22 time	2.45	3.47	4.47	5.45	6.42	7.39	8.38	9.38	10.38	11.41		12.63	7 / 2			
reaction time 0.153 interval		1.02	1.00	0.98	0.97	0.97	0.99	1.00	1.00	1.03	1.22			3.00	2.93	3.03
wind -0.4 m/s velocity	5.31	8.33	8.50	8.67	8.76	8.76	8.59	8.50	8.50	8.25	8.24	7.92		8.50	8.70	8.42

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 05-Aug-22 time	2.53	3.53	4.51	5.48	6.45	7.43	8.40	9.40	10.40	11.43		12.63	5 / 2			
reaction time 0.153 interval		1.00	0.98	0.97	0.97	0.98	0.97	1.00	1.00	1.03	1.20			2.95	2.92	3.03
wind 2.4 m/s velocity	5.14	8.50	8.67	8.76	8.76	8.67	8.76	8.50	8.50	8.25	8.37	7.92		8.64	8.73	8.42

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 UNF East Coast Relays (Jacksonville, FL)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 29-Apr-23 time	2.58	3.60	4.58	5.56	6.54	7.51	8.50	9.50	10.50	11.51		12.63	6 / 2			
reaction time interval		1.02	0.98	0.98	0.98	0.97	0.99	1.00	1.00	1.01	1.12			2.98	2.94	3.01
wind 3.2 m/s velocity	5.04	8.33	8.67	8.67	8.67	8.76	8.59	8.50	8.50	8.42	8.97	7.92		8.56	8.67	8.47

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 08-Jul-23 time	2.51	3.54	4.54	5.52	6.48	7.45	8.42	9.41	10.42	11.44		12.63	5 / 6			
reaction time interval		1.03	1.00	0.98	0.96	0.97	0.97	0.99	1.01	1.02	1.19			3.01	2.90	3.02
wind 0.4 m/s velocity	5.18	8.25	8.50	8.67	8.85	8.76	8.76	8.59	8.42	8.33	8.45	7.92		8.47	8.79	8.44

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 27-Apr-24 time	2.53	3.57	4.57	5.55	6.50	7.46	8.42	9.40	10.41	11.44		12.63	5 / ~~2~~ 1			
reaction time 0.163 interval		1.04	1.00	0.98	0.95	0.96	0.96	0.98	1.01	1.03	1.19			3.02	2.87	3.02
wind 0.3 m/s velocity	5.14	8.17	8.50	8.67	8.95	8.85	8.85	8.67	8.42	8.25	8.45	7.92		8.44	8.89	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)													*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	2.42	3.46	4.46	5.45	6.43	7.40	8.38	9.38	10.38	11.40		12.63	3 / 4			
reaction time 0.138 interval		1.04	1.00	0.99	0.98	0.97	0.98	1.00	1.00	1.02	1.23			3.03	2.93	3.02
wind -0.9 m/s velocity	5.37	8.17	8.50	8.59	8.67	8.76	8.67	8.50	8.50	8.33	8.17	7.92		8.42	8.70	8.44

Taylor, Charisma (BAH) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24 time	2.41	3.43	4.43	5.41	6.37	7.35	8.32	9.32	10.35	11.40		12.63	8 / 3			
reaction time 0.151 interval 7 steps	1.02	1.00	0.98	0.96	0.98	0.97	1.00	1.03	1.05	1.23	**PB**			3.00	2.91	3.08
wind 0.4 m/s velocity	5.39	8.33	8.50	8.67	8.85	8.67	8.76	8.50	8.25	8.10	8.17	7.92		8.50	8.76	8.28

Knabe, Kerstin (GDR) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 East German National Championships (Jena, GDR)													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date 27-Jun-86 time	2.58	3.62	4.60	5.60	6.58	7.54	8.52	9.51	10.52	11.54		12.64	/ 3			
reaction time interval		1.04	0.98	1.00	0.98	0.96	0.98	0.99	1.01	1.02	1.10			3.02	2.92	3.02
wind 1.4 m/s velocity	5.04	8.17	8.67	8.50	8.67	8.85	8.67	8.59	8.42	8.33	9.55	7.91		8.44	8.73	8.44

Zhang Yu (CHN) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 Chinese National Games (Beijing, CHN)													*Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*			
date 09-Sep-93 time	2.54	3.58	4.56	5.55	6.53	7.51	8.51	9.52	10.53	11.55		12.64	/ 1			
reaction time interval		1.04	0.98	0.99	0.98	0.98	1.00	1.01	1.01	1.02	1.09	**AR**		3.01	2.96	3.04
wind 0.1 m/s velocity	5.12	8.17	8.67	8.59	8.67	8.67	8.50	8.42	8.42	8.33	9.63	7.91		8.47	8.61	8.39

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)													*USATF Women's Hurdle Development (2006)*			
date 24-Jun-06 time	2.60	3.64	4.62	5.61	6.57	7.52	8.56	9.54	10.58	11.56		12.64	3 / 2			

reaction time		interval		1.04	0.98	0.99	0.96	0.95	1.04	0.98	1.04	0.98	1.08			3.01	2.95	3.00
wind	- 0.4 m/s	velocity	5.00	8.17	8.67	8.59	8.85	8.95	8.17	8.67	8.17	8.67	9.72	7.91		8.47	8.64	8.50

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 Canadian National Championships (Ottawa, CAN)											*Winckler (2009) - UK Athletics- National Coaching Conference*					
date 05-Aug-06 time	2.60	3.65	4.62	5.62	6.55	7.60	8.54	9.51	10.52	11.54		12.64	/ 1			
reaction time interval		1.05	0.97	1.00	0.93	1.05	0.94	0.97	1.01	1.02	1.10			3.02	2.92	3.00
wind 0.7 m/s velocity	5.00	8.10	8.76	8.50	9.14	8.10	9.04	8.76	8.42	8.33	9.55	7.91		8.44	8.73	8.50

McLellan, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Olympic Games (Beijing, CHN)											*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*					
date 19-Aug-08 time	2.50	3.51	4.51	5.50	6.50	7.47	8.45	9.45	10.46	11.50		12.64	3 / 2			
reaction time 0.138 interval		1.01	1.00	0.99	1.00	0.97	0.98	1.00	1.01	1.04	1.14			3.00	2.95	3.05
wind 0.1 m/s velocity	5.20	8.42	8.50	8.59	8.50	8.76	8.67	8.50	8.42	8.17	9.21	7.91		8.50	8.64	8.36

Lopes-Schliep, Priscilla (CAN) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Olympic Games (Beijing, CHN)											*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*					
date 19-Aug-08 time	2.57	3.63	4.63	5.60	6.60	7.58	8.54	9.53	10.56	11.58		12.64	8 / 3			
reaction time 0.174 interval		1.06	1.00	0.97	1.00	0.98	0.96	0.99	1.03	1.02	1.06			3.03	2.94	3.04
wind 0.1 m/s velocity	5.06	8.02	8.50	8.76	8.50	8.67	8.85	8.59	8.25	8.33	9.91	7.91		8.42	8.67	8.39

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*					
date 19-Aug-09 time	2.60	3.60	4.61	5.58	6.56	7.53	8.51	9.50	10.50	11.52		12.64	4 / 2			
reaction time 0.141 interval		1.00	1.01	0.97	0.98	0.97	0.98	0.99	1.00	1.02	1.12			2.98	2.93	3.01
wind -0.1 m/s velocity	5.00	8.50	8.42	8.76	8.67	8.76	8.67	8.59	8.50	8.33	9.37	7.91		8.56	8.70	8.47

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis)											*Henson (2020) - Athlete First: 2017 year end hurdle report*					
date 27-May-17 time	2.56	3.60	4.60	5.58	6.56	7.52	8.48	9.46	10.44	11.44		12.64	8 / 2			
reaction time 0.172 interval		1.04	1.00	0.98	0.98	0.96	0.96	0.98	0.98	1.00	1.20			3.02	2.90	2.96
wind 0.8 m/s velocity	5.08	8.17	8.50	8.67	8.67	8.85	8.85	8.67	8.67	8.50	8.75	7.91		8.44	8.79	8.61

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)											*Henson (2020) - Athlete First: 2018 year end hurdle report*					
date 31-Aug-18 time	2.52	3.52	4.52	5.52	6.48	7.46	8.44	9.44	10.42	11.46		12.64	5 / 3			
reaction time 0.143 interval		1.00	1.00	1.00	0.96	0.98	0.98	1.00	0.98	1.04	1.18			3.00	2.92	3.02
wind 0.1 m/s velocity	5.16	8.50	8.50	8.50	8.85	8.67	8.67	8.50	8.67	8.17	8.90	7.91		8.50	8.73	8.44

Claye, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)											*Henson (2020) - Athlete First: 2019 year end hurdle report*					
date 20-Jul-19 time	2.48	3.52	4.48	5.46	6.44	7.42	8.40	9.40	10.42	11.44		12.64	6 / 3			
reaction time 0.131 interval		1.04	0.96	0.98	0.98	0.98	0.98	1.00	1.02	1.02	1.20			2.98	2.94	3.04
wind 0.8 m/s velocity	5.24	8.17	8.85	8.67	8.67	8.67	8.67	8.50	8.33	8.33	8.75	7.91		8.56	8.67	8.39

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 IAAF World Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 06-Oct-19 time	2.48	3.52	4.50	5.49	6.47	7.44	8.43	9.41	10.43	11.44		12.64	3 / 5			
reaction time 0.157 interval		1.04	0.98	0.99	0.98	0.97	0.99	0.98	1.02	1.01	1.20	NR		3.01	2.94	3.01
wind 0.3 m/s velocity	5.24	8.17	8.67	8.59	8.67	8.76	8.59	8.67	8.33	8.42	8.37	7.91		8.47	8.67	8.47

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)											*Henson (2021) - Athlete First: 2021 year end hurdle report*					
date 19-Jun-21 time	2.46	3.46	4.46	5.46	6.43	7.40	8.36	9.36	10.36	11.40		12.64	4 / 2			
reaction time 0.143 interval		1.00	1.00	1.00	0.97	0.97	0.96	1.00	1.00	1.04	1.24			3.00	2.90	3.04
wind 0.8 m/s velocity	5.28	8.50	8.50	8.50	8.76	8.76	8.85	8.50	8.50	8.17	8.10	7.91		8.50	8.79	8.39

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)											*Henson (2021) - Athlete First: 2021 year end hurdle report*					
date 19-Jun-21 time	2.43	3.45	4.46	5.46	6.43	7.43	8.40	9.40	10.40	11.43		12.64	2 / 2			
reaction time 0.142 interval		1.02	1.01	1.00	0.97	1.00	0.97	1.00	1.00	1.03	1.21	PB		3.03	2.94	3.03
wind 1.0 m/s velocity	5.35	8.33	8.42	8.50	8.76	8.50	8.76	8.50	8.50	8.25	8.31	7.91		8.42	8.67	8.42

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)											*Henson (2021) - Athlete First: 2021 year end hurdle report*					
date 20-Jun-21 time	2.47	3.50	4.50	5.47	6.44	7.42	8.40	9.40	10.40	11.43		12.64	7 / 3			
reaction time 0.175 interval		1.03	1.00	0.97	0.97	0.98	0.98	1.00	1.00	1.03	1.21	PB		3.00	2.93	3.03
wind 1.3 m/s velocity	5.26	8.25	8.50	8.76	8.76	8.67	8.67	8.50	8.50	8.25	8.31	7.91		8.50	8.70	8.42

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)											*Henson (2023) - Athlete First: 2023 year end hurdle report*					
date 24-Jun-23 time	2.57	3.57	4.59	5.58	6.55	7.54	8.52	9.52	10.51	11.51		12.64	2 / 4			
reaction time 0.147 interval		1.00	1.02	0.99	0.97	0.99	0.98	1.00	0.99	1.00	1.13			3.01	2.94	2.99

wind	2.8 m/s	velocity	5.06	8.50	8.33	8.59	8.76	8.59	8.67	8.50	8.59	8.50	8.89	7.91			8.47	8.67	8.53

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23	time 2.53	3.57	4.55	5.52	6.49	7.45	8.42	9.41	10.41	11.46		12.64	6 / 3			
reaction time 0.131	interval	1.04	0.98	0.97	0.97	0.96	0.97	0.99	1.00	1.05	1.18			2.99	2.90	3.04
wind -0.7 m/s	velocity 5.14	8.17	8.67	8.76	8.76	8.85	8.76	8.59	8.50	8.10	8.52	7.91		8.53	8.79	8.39

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23	time 2.43	3.46	4.45	5.42	6.39	7.35	8.34	9.34	10.36	11.39		12.64	8 / 5			
reaction time 0.150	interval	1.03	0.99	0.97	0.97	0.96	0.99	1.00	1.02	1.03	1.25			2.99	2.92	3.05
wind -0.2 m/s	velocity 5.35	8.25	8.59	8.76	8.76	8.85	8.59	8.50	8.33	8.25	8.04	7.91		8.53	8.73	8.36

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 27-Apr-24	time 2.50	3.50	4.48	5.45	6.42	7.39	8.38	9.39	10.41	11.44		12.64	4 / ~~3~~ 2			
reaction time 0.136	interval	1.00	0.98	0.97	0.97	0.97	0.99	1.01	1.02	1.03	1.20			2.95	2.93	3.06
wind 0.3 m/s	velocity 5.20	8.50	8.67	8.76	8.76	8.76	8.59	8.42	8.33	8.25	8.37	7.91		8.64	8.70	8.33

Jones, Jasmine (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24	time 2.50	3.53	4.54	5.51	6.48	7.47	8.47	9.47	10.48	11.50		12.64	3 / 4			
reaction time	interval 7 steps	1.03	1.01	0.97	0.97	0.99	1.00	1.00	1.01	1.02	1.14	PB		3.01	2.96	3.03
wind -0.5 m/s	velocity 5.20	8.25	8.42	8.76	8.76	8.59	8.50	8.50	8.42	8.33	8.82	7.91		8.47	8.61	8.42

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24	time 2.42	3.44	4.43	5.40	6.38	7.37	8.37	9.37	10.37	11.39		12.64	6 / 2			
reaction time 0.113	interval	1.02	0.99	0.97	0.98	0.99	1.00	1.00	1.00	1.02	1.25			2.98	2.97	3.02
wind 0.3 m/s	velocity 5.37	8.33	8.59	8.76	8.67	8.59	8.50	8.50	8.50	8.33	8.04	7.91		8.56	8.59	8.44

Riefstahl-Oschkenat, Cornelia (GDR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)													*Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*			
date 04-Sep-87	time 2.47	3.54	4.56	5.56	6.52	7.51	8.50	9.49	10.49	11.53		12.65	4 / 1			
reaction time	interval	1.07	1.02	1.00	0.96	0.99	0.99	0.99	1.00	1.04	1.12			3.09	2.94	3.03
wind -0.2 m/s	velocity 5.26	7.94	8.33	8.50	8.85	8.59	8.59	8.59	8.50	8.17	9.37	7.91		8.25	8.67	8.42

Girard-Leno, Patricia (FRA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)													*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 31-Jul-96	time 2.36	3.40	4.39	5.39	6.38	7.37	8.37	9.35	10.40	11.44		12.65	5 / 3			
reaction time 0.133	interval	1.04	0.99	1.00	0.99	0.99	1.00	0.98	1.05	1.04	1.21			3.03	2.98	3.07
wind 0.2 m/s	velocity 5.51	8.17	8.59	8.50	8.59	8.59	8.50	8.67	8.10	8.17	8.68	7.91		8.42	8.56	8.31

Bukovec, Brigita (SLO) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date 23-Aug-98	time 2.59	3.60	4.59	5.54	6.50	7.47	8.43	9.42	10.45	11.50		12.65	6 / 2			
reaction time	interval	1.01	0.99	0.95	0.96	0.97	0.96	0.99	1.03	1.05	1.15			2.95	2.89	3.07
wind 1.5 m/s	velocity 5.02	8.42	8.59	8.95	8.85	8.76	8.85	8.59	8.25	8.10	9.13	7.91		8.64	8.82	8.31

Engquist, Ludmila (SWE) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 4 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 26-Aug-99	time 2.57	3.57	4.57	5.54	6.50	7.47	8.44	9.43	10.44	11.45		12.65	3 / 1			
reaction time 0.136	interval	1.00	1.00	0.97	0.96	0.97	0.97	0.99	1.01	1.01	1.20			2.97	2.90	3.01
wind 0.7 m/s	velocity 5.06	8.50	8.50	8.76	8.85	8.76	8.76	8.59	8.42	8.42	8.75	7.91		8.59	8.79	8.47

Devers, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)													*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date 21-Sep-02	time 2.49	3.49	4.46	5.42	6.38	7.38	8.39	9.38	10.40	11.45		12.65	4 / 1			
reaction time 0.177	interval	1.00	0.97	0.96	0.96	1.00	1.01	0.99	1.02	1.05	1.20			2.93	2.97	3.06
wind 1.5 m/s	velocity 5.22	8.50	8.76	8.85	8.85	8.50	8.42	8.59	8.33	8.10	8.75	7.91		8.70	8.59	8.33

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Pan American Games (Rio de Janerio, BRA)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 25-Jul-07	time 2.62	3.63	4.63	5.62	6.58	7.55	8.52	9.51	10.52	11.54		12.65	/ 2			
reaction time	interval	1.01	1.00	0.99	0.96	0.97	0.97	0.99	1.01	1.02	1.11	CR		3.00	2.90	3.02
wind 0.0 m/s	velocity 4.96	8.42	8.50	8.59	8.85	8.76	8.76	8.59	8.42	8.33	9.46	7.91		8.50	8.79	8.44

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 19-Aug-08	time 2.63	3.66	4.67	5.64	6.61	7.59	8.56	9.55	10.55	11.58		12.65	7 / 4			
reaction time 0.239	interval	1.03	1.01	0.97	0.97	0.98	0.97	0.99	1.00	1.03	1.07			3.01	2.92	3.02
wind 0.1 m/s	velocity 4.94	8.25	8.42	8.76	8.76	8.67	8.76	8.59	8.50	8.25	9.81	7.91		8.47	8.73	8.44

Felicien, Perdita (CAN) (1980)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 DN Gala (Stockholm, SWE)																		
date	31-Jul-09	time	2.46	3.50	4.50	5.44	6.38	7.37	8.34	9.32	10.35	11.34		12.65	/ 5			
reaction time		interval		1.04	1.00	0.94	0.94	0.99	0.97	0.98	1.03	0.99	1.31			2.98	2.90	3.00
wind	0.9 m/s	velocity	5.28	8.17	8.50	9.04	9.04	8.59	8.76	8.67	8.25	8.59	8.02	7.91		8.56	8.79	8.50

Winckler (2009) - UK Athletics- National Coaching Conference

O'Rourke, Derval (IRL) (1981)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 European Championships (Barcelona, ESP)																		
date	31-Jul-10	time	2.59	3.61	4.60	5.57	6.55	7.53	8.53	9.53	10.54	11.57		12.65	7 / 2			
reaction time	0.172	interval		1.02	0.99	0.97	0.98	0.98	1.00	1.00	1.01	1.03	1.08	NR		2.98	2.96	3.04
wind	-0.5 m/s	velocity	5.02	8.33	8.59	8.76	8.67	8.67	8.50	8.50	8.42	8.25	9.72	7.91		8.56	8.61	8.39

Graubner (2010) - http://www.fgs.uni-halle.de

George, Phylicia (CAN) (1987)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)																		
date	07-Aug-12	time	2.52	3.54	4.52	5.48	6.44	7.42	8.40	9.40	10.42	11.46		12.65	3 / ~~6~~ 5			
reaction time	0.152	interval		1.02	0.98	0.96	0.96	0.98	0.98	1.00	1.02	1.04	1.19	=PB		2.96	2.92	3.06
wind	-0.2 m/s	velocity	5.16	8.33	8.67	8.85	8.85	8.67	8.67	8.50	8.33	8.17	8.82	7.91		8.61	8.73	8.33

Henson (2021) - Athlete First: major championships report

Harper Nelson, Dawn (USA) (1984)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)																		
date	27-Aug-16	time	2.52	3.52	4.52	5.52	6.50	7.48	8.46	9.44	10.46	11.46		12.65	3 / 2			
reaction time	0.132	interval		1.00	1.00	1.00	0.98	0.98	0.98	0.98	1.02	1.00	1.19			3.00	2.94	3.00
wind	0.2 m/s	velocity	5.16	8.50	8.50	8.50	8.67	8.67	8.67	8.67	8.33	8.50	8.82	7.91		8.50	8.67	8.50

Henson (2020) - Athlete First: 2016 year end hurdle report

Harrison, Queen (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)																		
date	21-May-17	time	2.63	3.65	4.65	5.62	6.58	7.55	8.53	9.52	10.50	11.52		12.65	4 / 1			
reaction time	0.172	interval		1.02	1.00	0.97	0.96	0.97	0.98	0.99	0.98	1.02	1.13			2.99	2.91	2.99
wind	0.0 m/s	velocity	4.94	8.33	8.50	8.76	8.85	8.76	8.67	8.59	8.67	8.33	9.29	7.91		8.53	8.76	8.53

(2017) - tfdata-store.com/2017/05/22/post-599/

Harrison, Queen (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)																		
date	09-Jul-17	time	2.46	3.46	4.42	5.40	6.38	7.34	8.30	9.30	10.34	11.38		12.65	7 / 4			
reaction time	0.146	interval		1.00	0.96	0.98	0.98	0.96	0.96	1.00	1.04	1.04	1.27			2.94	2.90	3.08
wind	0.2 m/s	velocity	5.28	8.50	8.85	8.67	8.67	8.85	8.85	8.50	8.17	8.17	8.27	7.91		8.67	8.79	8.28

Henson (2020) - Athlete First: 2017 year end hurdle report

Manning, Christina (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis)																		
date	23-Jun-18	time	2.40	3.40	4.40	5.37	6.34	7.31	8.27	9.27	10.27	11.31		12.65	4 / 2			
reaction time		interval		1.00	1.00	0.97	0.97	0.97	0.96	1.00	1.00	1.04	1.34			2.97	2.90	3.04
wind	-1.4 m/s	velocity	5.42	8.50	8.50	8.76	8.76	8.76	8.85	8.50	8.50	8.17	7.84	7.91		8.59	8.79	8.39

Henson (2020) - Athlete First: 2018 year end hurdle report

Vargas, Andrea Carolina (CRC) (199			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)																		
date	06-Oct-19	time	2.57	3.60	4.57	5.56	6.53	7.51	8.51	9.49	10.50	11.53		12.65	4 / 3			
reaction time	0.150	interval		1.03	0.97	0.99	0.97	0.98	1.00	0.98	1.01	1.03	1.12	NR		2.99	2.95	3.02
wind	0.6 m/s	velocity	5.06	8.25	8.76	8.59	8.76	8.67	8.50	8.67	8.42	8.25	8.97	7.91		8.53	8.64	8.44

CAA Hurdle Development (2019)

McLaughlin, Sydney (USA) (1999)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)																		
date	09-May-21	time	2.50	3.52	4.54	5.54	6.52	7.50	8.47	9.47	10.47	11.50		12.65	2 / 5			
reaction time	0.175	interval	7 steps	1.02	1.02	1.00	0.98	0.98	0.97	1.00	1.00	1.03	1.15	PB		3.04	2.93	3.03
wind	2.0 m/s	velocity	5.20	8.33	8.33	8.50	8.67	8.67	8.76	8.50	8.50	8.25	8.74	7.91		8.39	8.70	8.42

Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season

Armstrong, Alia (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	20-Jun-21	time	2.43	3.43	4.43	5.43	6.40	7.38	8.36	9.36	10.40	11.43		12.65	1 / 5			
reaction time	0.154	interval		1.00	1.00	1.00	0.97	0.98	0.98	1.00	1.04	1.03	1.22	PB		3.00	2.93	3.07
wind	1.2 m/s	velocity	5.35	8.50	8.50	8.50	8.76	8.67	8.67	8.50	8.17	8.25	8.24	7.91		8.50	8.70	8.31

Henson (2021) - Athlete First: 2021 year end hurdle report

Robinson, TeJyrica (USA) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	20-Jun-21	time	2.43	3.47	4.47	5.44	6.40	7.37	8.37	9.37	10.39	11.42		12.65	1 / 4			
reaction time	0.173	interval		1.04	1.00	0.97	0.96	0.97	1.00	1.00	1.02	1.03	1.23	PB		3.01	2.93	3.05
wind	1.3 m/s	velocity	5.35	8.17	8.50	8.76	8.85	8.76	8.50	8.50	8.33	8.25	8.17	7.91		8.47	8.70	8.36

Henson (2021) - Athlete First: 2021 year end hurdle report

Charlton, Devynne (BAH) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis)																		
date	30-Jun-22	time	2.48	3.50	4.48	5.46	6.43	7.41	8.37	9.37	10.37	11.45		12.65	7 / 5			
reaction time	0.145	interval		1.02	0.98	0.98	0.97	0.98	0.96	1.00	1.00	1.08	1.20			2.98	2.91	3.08
wind	-0.5 m/s	velocity	5.24	8.33	8.67	8.67	8.76	8.67	8.85	8.50	8.50	7.87	8.37	7.91		8.56	8.76	8.28

Henson (2022) - Athlete First: 2022 year end hurdle report

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 27-May-23 time	2.58	3.62	4.60	5.58	6.58	7.54	8.52	9.52	10.52	11.52		12.65	3 / 7			
reaction time 0.185 interval		1.04	0.98	0.98	1.00	0.96	0.98	1.00	1.00	1.00	1.13			3.00	2.94	3.00
wind -0.2 m/s velocity	5.04	8.17	8.67	8.67	8.50	8.85	8.67	8.50	8.50	8.50	8.89	7.91		8.50	8.67	8.50

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23 time	2.56	3.60	4.60	5.58	6.56	7.54	8.53	9.53	10.53	11.52		12.65	4 / 2			
reaction time 0.142 interval		1.04	1.00	0.98	0.98	0.98	0.99	1.00	1.00	0.99	1.13			3.02	2.95	2.99
wind 0.0 m/s velocity	5.08	8.17	8.50	8.67	8.67	8.67	8.59	8.50	8.50	8.59	8.89	7.91		8.44	8.64	8.53

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)													*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	2.50	3.56	4.56	5.56	6.52	7.50	8.47	9.46	10.45	11.45		12.65	2 / 5			
reaction time 0.162 interval		1.06	1.00	1.00	0.96	0.98	0.97	0.99	0.99	1.00	1.20			3.06	2.91	2.98
wind -0.9 m/s velocity	5.20	8.02	8.50	8.50	8.85	8.67	8.76	8.59	8.59	8.50	8.37	7.91		8.33	8.76	8.56

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)													*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	2.44	3.47	4.46	5.44	6.41	7.38	8.36	9.36	10.37	11.41		12.65	5 / 6			
reaction time 0.127 interval		1.03	0.99	0.98	0.97	0.97	0.98	1.00	1.01	1.04	1.24			3.00	2.92	3.05
wind -0.9 m/s velocity	5.33	8.25	8.59	8.67	8.76	8.76	8.67	8.50	8.42	8.17	8.10	7.91		8.50	8.73	8.36

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 07-Jul-24 time	2.48	3.48	4.47	5.45	6.43	7.42	8.42	9.42	10.43	11.46		12.65	9 / 6			
reaction time 0.129 interval		1.00	0.99	0.98	0.98	0.99	1.00	1.00	1.01	1.03	1.19	PB		2.97	2.97	3.04
wind 1.6 m/s velocity	5.24	8.50	8.59	8.67	8.67	8.59	8.50	8.50	8.42	8.25	8.45	7.91		8.59	8.59	8.39

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.41	3.47	4.47	5.44	6.41	7.37	8.35	9.34	10.38	11.41		12.65	3 / 1			
reaction time 0.128 interval		1.06	1.00	0.97	0.97	0.96	0.98	0.99	1.04	1.03	1.24			3.03	2.91	3.06
wind -0.6 m/s velocity	5.39	8.02	8.50	8.76	8.76	8.85	8.67	8.59	8.17	8.25	8.10	7.91		8.42	8.76	8.33

Devers, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)													*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 31-Jul-96 time	2.44	3.46	4.47	5.43	6.44	7.43	8.43	9.46	10.48	11.48		12.66	8 / 4			
reaction time 0.189 interval		1.02	1.01	0.96	1.01	0.99	1.00	1.03	1.02	1.00	1.18			2.99	3.00	3.05
wind 0.2 m/s velocity	5.33	8.33	8.42	8.85	8.42	8.59	8.50	8.25	8.33	8.50	8.90	7.90		8.53	8.50	8.36

Alozie, Glory (NGR) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2000 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00 time	2.58	3.62	4.62	5.61	6.61	7.60	8.60	9.60	10.58	11.56		12.66	/ 1			
reaction time 0.235 interval		1.04	1.00	0.99	1.00	0.99	1.00	1.00	0.98	0.98	1.10			3.03	2.99	2.96
wind -0.2 m/s velocity	5.04	8.17	8.50	8.59	8.50	8.59	8.50	8.50	8.67	8.67	9.55	7.90		8.42	8.53	8.61

Davis, Candice (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 USA Olympic Trials (Eugene, OR)													*USATF Hurdle Development (2008)*			
date 06-Jul-08 time	2.58	3.58	4.58	5.57	6.52	7.49	8.49	9.47	10.49	11.52		12.66	1 / 5			
reaction time interval		1.00	1.00	0.99	0.95	0.97	1.00	0.98	1.02	1.03	1.14			2.99	2.92	3.03
wind 3.8 m/s velocity	5.04	8.50	8.50	8.59	8.95	8.76	8.50	8.67	8.33	8.25	9.21	7.90		8.53	8.73	8.42

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.58	3.58	4.55	5.54	6.52	7.48	8.45	9.45	10.49	11.52		12.66	7 / 2			
reaction time 0.191 interval		1.00	0.97	0.99	0.98	0.96	0.97	1.00	1.04	1.03	1.14			2.96	2.91	3.07
wind 0.2 m/s velocity	5.04	8.50	8.76	8.59	8.67	8.85	8.76	8.50	8.17	8.25	9.21	7.90		8.61	8.76	8.31

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 19-Aug-08 time	2.59	3.59	4.62	5.55	6.52	7.52	8.52	9.47	10.48	11.53		12.66	5 / 5			
reaction time 0.151 interval		1.00	1.03	0.93	0.97	1.00	1.00	0.95	1.01	1.05	1.13			2.96	2.97	3.01
wind 0.1 m/s velocity	5.02	8.50	8.25	9.14	8.76	8.50	8.50	8.95	8.42	8.10	9.29	7.90		8.61	8.59	8.47

Foster-Hylton, Brigitte (JAM) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 19-Aug-08 time	2.61	3.63	4.63	5.61	6.59	7.54	8.54	9.52	10.53	11.56		12.66	9 / 6			
reaction time 0.167 interval		1.02	1.00	0.98	0.98	0.95	1.00	0.98	1.01	1.03	1.10			3.00	2.93	3.02
wind 0.1 m/s velocity	4.98	8.33	8.50	8.67	8.67	8.95	8.50	8.67	8.42	8.25	9.55	7.90		8.50	8.70	8.44

Felicien, Perdita (CAN) (1980)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Aviva (London, GBR) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	25-Jul-09	time	2.49	3.52	4.51	5.50	6.43	7.41	8.42	9.45	10.40	11.38		12.66	/ 2			
reaction time	0.128	interval		1.03	0.99	0.99	0.93	0.98	1.01	1.03	0.95	0.98	1.28			3.01	2.92	2.96
wind	-0.7 m/s	velocity	5.22	8.25	8.59	8.59	9.14	8.67	8.42	8.25	8.95	8.67	8.20	7.90		8.47	8.73	8.61

McLellan, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.54	3.56	4.56	5.54	6.53	7.51	8.49	9.48	10.50	11.54		12.66	6 / 2			
reaction time	0.139	interval		1.02	1.00	0.98	0.99	0.98	0.98	0.99	1.02	1.04	1.12			3.00	2.95	3.05
wind	0.3 m/s	velocity	5.12	8.33	8.50	8.67	8.59	8.67	8.67	8.59	8.33	8.17	9.37	7.90		8.50	8.64	8.36

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) *Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*

date	10-May-15	time	2.57	3.59	4.58	5.56	6.54	7.51	8.49	9.49	10.49	11.54		12.66	4 / 1			
reaction time	0.144	interval		1.02	0.99	0.98	0.98	0.97	0.98	1.00	1.00	1.05	1.12			2.99	2.93	3.05
wind	0.9 m/s	velocity	5.06	8.33	8.59	8.67	8.67	8.76	8.67	8.50	8.50	8.10	9.37	7.90		8.53	8.70	8.36

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 IAAF World Championships (Beijing, CHN) Мирзоев (2015) - Временные характеристики технического мастерства бега на 100м с барьерами

date	28-Aug-15	time	2.60	3.60	4.57	5.54	6.51	7.48	8.46	9.45	10.46	11.49		12.66	2 / 3			
reaction time	0.146	interval		1.00	0.97	0.97	0.97	0.97	0.98	0.99	1.01	1.03	1.17	NR		2.94	2.92	3.03
wind	-0.3 m/s	velocity	5.00	8.50	8.76	8.76	8.76	8.76	8.67	8.59	8.42	8.25	8.97	7.90		8.67	8.73	8.42

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	16-Jun-16	time	2.46	3.48	4.48	5.46	6.42	7.38	8.38	9.38	10.38	11.38		12.66	5 / 1			
reaction time	0.185	interval		1.02	1.00	0.98	0.96	0.96	1.00	1.00	1.00	1.00	1.28			3.00	2.92	3.00
wind	-0.4 m/s	velocity	5.28	8.33	8.50	8.67	8.85	8.85	8.50	8.50	8.50	8.50	8.20	7.90		8.50	8.73	8.50

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	22-Jul-16	time	2.52	3.52	4.50	5.48	6.44	7.42	8.40	9.40	10.42	11.46		12.66	3 / 5			
reaction time	0.118	interval		1.00	0.98	0.98	0.96	0.98	0.98	1.00	1.02	1.04	1.20			2.96	2.92	3.06
wind	0.3 m/s	velocity	5.16	8.50	8.67	8.67	8.85	8.67	8.67	8.50	8.33	8.17	8.75	7.90		8.61	8.73	8.33

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	27-Aug-16	time	2.52	3.56	4.56	5.56	6.52	7.50	8.48	9.46	10.46	11.48		12.66	7 / 3			
reaction time	0.146	interval		1.04	1.00	1.00	0.96	0.98	0.98	0.98	1.00	1.02	1.18			3.04	2.92	3.00
wind	0.2 m/s	velocity	5.16	8.17	8.50	8.50	8.85	8.67	8.67	8.67	8.50	8.33	8.90	7.90		8.39	8.73	8.50

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	27-May-17	time	2.50	3.54	4.54	5.52	6.50	7.48	8.46	9.44	10.44	11.44		12.66	3 / 3			
reaction time	0.154	interval		1.04	1.00	0.98	0.98	0.98	0.98	0.98	1.00	1.00	1.22			3.02	2.94	2.98
wind	0.8 m/s	velocity	5.20	8.17	8.50	8.67	8.67	8.67	8.67	8.67	8.50	8.50	8.61	7.90		8.44	8.67	8.56

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	27-May-17	time	2.46	3.46	4.48	5.46	6.44	7.40	8.36	9.34	10.34	11.38		12.66	7 / 4			
reaction time	0.157	interval		1.00	1.02	0.98	0.98	0.96	0.96	0.98	1.00	1.04	1.28			3.00	2.90	3.02
wind	0.8 m/s	velocity	5.28	8.50	8.33	8.67	8.67	8.85	8.85	8.67	8.50	8.17	8.20	7.90		8.50	8.79	8.44

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	04-Jul-17	time	2.50	3.50	4.50	5.46	6.42	7.40	8.38	9.38	10.40	11.42		12.66	6 / 2			
reaction time	0.148	interval		1.00	1.00	0.96	0.96	0.98	0.98	1.00	1.02	1.02	1.24			2.96	2.92	3.04
wind	0.1 m/s	velocity	5.20	8.50	8.50	8.85	8.85	8.67	8.67	8.50	8.33	8.33	8.47	7.90		8.61	8.73	8.39

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	03-May-19	time	2.46	3.50	4.50	5.48	6.44	7.44	8.40	9.40	10.42	11.46		12.66	4 / 1			
reaction time	0.141	interval		1.04	1.00	0.98	0.96	1.00	0.96	1.00	1.02	1.04	1.20			3.02	2.92	3.06
wind	0.9 m/s	velocity	5.28	8.17	8.50	8.67	8.85	8.50	8.85	8.50	8.33	8.17	8.75	7.90		8.44	8.73	8.33

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Jun-19	time	2.46	3.54	4.53	5.51	6.49	7.47	8.45	9.43	10.45	11.47		12.66	5 / 3			
reaction time	0.125	interval		1.08	0.99	0.98	0.98	0.98	0.98	0.98	1.02	1.02	1.19	PB		3.05	2.94	3.02
wind	0.6 m/s	velocity	5.28	7.87	8.59	8.67	8.67	8.67	8.67	8.67	8.33	8.33	8.82	7.90		8.36	8.67	8.44

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	20-Jul-19	time	2.48	3.48	4.44	5.42	6.40	7.40	8.40	9.42	10.42	11.48		12.66	5 / 4			
reaction time	0.142	interval		1.00	0.96	0.98	0.98	1.00	1.00	1.02	1.00	1.06	1.18			2.94	2.98	3.08
wind	0.8 m/s	velocity	5.24	8.50	8.85	8.67	8.67	8.50	8.50	8.33	8.50	8.02	8.90	7.90		8.67	8.56	8.28

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	27-Jul-19	time	2.47	3.50	4.47	5.47	6.44	7.40	8.37	9.37	10.37	11.41		12.66	1 / 4			
reaction time		interval		1.03	0.97	1.00	0.97	0.96	0.97	1.00	1.00	1.04	1.25			3.00	2.90	3.04
wind	-1.2 m/s	velocity	5.26	8.25	8.76	8.50	8.76	8.85	8.76	8.50	8.50	8.17	8.40	7.90		8.50	8.79	8.39

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	18-Aug-19	time	2.50	3.53	4.53	5.50	6.47	7.44	8.41	9.41	10.41	11.44		12.66	2 / 2			
reaction time	0.172	interval		1.03	1.00	0.97	0.97	0.97	0.97	1.00	1.00	1.03	1.22			3.00	2.91	3.03
wind	-0.2 m/s	velocity	5.20	8.25	8.50	8.76	8.76	8.76	8.76	8.50	8.50	8.25	8.61	7.90		8.50	8.76	8.42

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 IAAF World Championships (Doha, QAT) *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.48	3.51	4.49	5.46	6.43	7.38	8.37	9.36	10.36	11.43		12.66	2 / 6			
reaction time	0.147	interval		1.03	0.98	0.97	0.97	0.95	0.99	0.99	1.00	1.07	1.23			2.98	2.91	3.06
wind	0.3 m/s	velocity	5.24	8.25	8.67	8.76	8.76	8.95	8.59	8.59	8.50	7.94	8.17	7.90		8.56	8.76	8.33

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	19-Jun-21	time	2.46	3.52	4.54	5.53	6.50	7.47	8.43	9.43	10.43	11.43		12.66	6 / 3			
reaction time	0.182	interval		1.06	1.02	0.99	0.97	0.97	0.96	1.00	1.00	1.00	1.23	PB		3.07	2.90	3.00
wind	1.0 m/s	velocity	5.28	8.02	8.33	8.59	8.76	8.76	8.85	8.50	8.50	8.50	8.17	7.90		8.31	8.79	8.50

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.50	3.53	4.52	5.52	6.50	7.47	8.45	9.44	10.44	11.47		12.66	7 / 7			
reaction time	0.190	interval		1.03	0.99	1.00	0.98	0.97	0.98	0.99	1.00	1.03	1.19			3.02	2.93	3.02
wind	0.8 m/s	velocity	5.20	8.25	8.59	8.50	8.67	8.76	8.67	8.59	8.50	8.25	8.45	7.90		8.44	8.70	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.46	3.46	4.46	5.46	6.42	7.38	8.35	9.35	10.35	11.42		12.66	8 / 2			
reaction time	0.134	interval		1.00	1.00	1.00	0.96	0.96	0.97	1.00	1.00	1.07	1.24			3.00	2.89	3.07
wind	-0.8 m/s	velocity	5.28	8.50	8.50	8.50	8.85	8.85	8.76	8.50	8.50	7.94	8.10	7.90		8.50	8.82	8.31

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	28-Aug-21	time	2.52	3.52	4.52	5.50	6.46	7.42	8.40	9.40	10.40	11.44		12.66	5 / 3			
reaction time	0.152	interval		1.00	1.00	0.98	0.96	0.96	0.98	1.00	1.00	1.04	1.22			2.98	2.90	3.04
wind	1.7 m/s	velocity	5.16	8.50	8.50	8.67	8.85	8.85	8.67	8.50	8.50	8.17	8.24	7.90		8.56	8.79	8.39

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	28-May-22	time	2.46	3.49	4.49	5.48	6.47	7.45	8.43	9.43	10.43	11.47		12.66	4 / 3			
reaction time	0.127	interval		1.03	1.00	0.99	0.99	0.98	0.98	1.00	1.00	1.04	1.19			3.02	2.95	3.04
wind	-0.7 m/s	velocity	5.28	8.25	8.50	8.59	8.59	8.67	8.67	8.50	8.50	8.17	8.45	7.90		8.44	8.64	8.39

Jones, Jasmine (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	11-Jun-22	time	2.47	3.51	4.52	5.49	6.47	7.45	8.44	9.44	10.46	11.46		12.66	7 / 2			
reaction time		interval		1.04	1.01	0.97	0.98	0.98	0.99	1.00	1.02	1.00	1.20	PB		3.02	2.95	3.02
wind	-0.2 m/s	velocity	5.26	8.17	8.42	8.76	8.67	8.67	8.59	8.50	8.33	8.50	8.38	7.90		8.44	8.64	8.44

Brissett, Chanel (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	12-Jun-22	time	2.58	3.62	4.60	5.60	6.56	7.52	8.50	9.48	10.48	11.50		12.66	8 / 4			
reaction time	0.160	interval		1.04	0.98	1.00	0.96	0.96	0.98	0.98	1.00	1.02	1.16			3.02	2.90	3.00
wind	2.0 m/s	velocity	5.04	8.17	8.67	8.50	8.85	8.85	8.67	8.67	8.50	8.33	8.66	7.90		8.44	8.79	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.53	3.53	4.53	5.52	6.48	7.46	8.44	9.46	10.46	11.52		12.66	6 / 3			
reaction time	0.125	interval		1.00	1.00	0.99	0.96	0.98	0.98	1.02	1.00	1.06	1.14			2.99	2.92	3.08
wind	0.3 m/s	velocity	5.14	8.50	8.50	8.59	8.85	8.67	8.67	8.33	8.50	8.02	8.82	7.90		8.53	8.73	8.28

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.45	3.46	4.44	5.41	6.36	7.36	8.33	9.33	10.36	11.42		12.66	7 / 5			

reaction time	0.120	interval		1.01	0.98	0.97	0.95	1.00	0.97	1.00	1.03	1.06	1.24	PB		2.96	2.92	3.09
wind	0.9 m/s	velocity	5.31	8.42	8.67	8.76	8.95	8.50	8.76	8.50	8.25	8.02	8.10	7.90		8.61	8.73	8.25

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 02-Sep-22 time	2.44	3.47	4.47	5.47	6.44	7.40	8.40	9.40	10.41	11.41		12.66	1 / 6			
reaction time 0.160 interval		1.03	1.00	1.00	0.97	0.96	1.00	1.00	1.01	1.00	1.25			3.03	2.93	3.01
wind 0.1 m/s velocity	5.33	8.25	8.50	8.50	8.76	8.85	8.50	8.50	8.42	8.50	8.04	7.90		8.42	8.70	8.47

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 04-Sep-22 time	2.52	3.54	4.52	5.48	6.44	7.44	8.44	9.44	10.42	11.46		12.66	6 / 3			
reaction time 0.146 interval		1.02	0.98	0.96	0.96	1.00	1.00	1.00	0.98	1.04	1.20			2.96	2.96	3.02
wind -0.3 m/s velocity	5.16	8.33	8.67	8.85	8.85	8.50	8.50	8.50	8.67	8.17	8.38	7.90		8.61	8.61	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Sep-22 time	2.45	3.47	4.45	5.43	6.40	7.39	8.37	9.37	10.39	11.41		12.66	2 / 5			
reaction time 0.147 interval		1.02	0.98	0.98	0.97	0.99	0.98	1.00	1.02	1.02	1.25			2.98	2.94	3.04
wind -0.3 m/s velocity	5.31	8.33	8.67	8.67	8.76	8.59	8.67	8.50	8.33	8.33	8.04	7.90		8.56	8.67	8.39

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 05-May-23 time	2.60	3.64	4.64	5.60	6.58	7.54	8.50	9.48	10.50	11.50		12.66	5 / 2			
reaction time 0.165 interval		1.04	1.00	0.96	0.98	0.96	0.96	0.98	1.02	1.00	1.16			3.00	2.90	3.00
wind 1.1 m/s velocity	5.00	8.17	8.50	8.85	8.67	8.85	8.85	8.67	8.33	8.50	8.66	7.90		8.50	8.79	8.50

Bonds, Talie (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.56	3.59	4.55	5.54	6.52	7.50	8.48	9.46	10.47	11.49		12.66	6 / 2			
reaction time interval		1.03	0.96	0.99	0.98	0.98	0.98	0.98	1.01	1.02	1.17			2.98	2.94	3.01
wind 1.7 m/s velocity	5.08	8.25	8.85	8.59	8.67	8.67	8.67	8.67	8.42	8.33	8.59	7.90		8.56	8.67	8.47

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)													*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24 time	2.45	3.50	4.49	5.47	6.44	7.42	8.40	9.39	10.40	11.43		12.66	2 / 5			
reaction time 0.147 interval		1.05	0.99	0.98	0.97	0.98	0.98	0.99	1.01	1.03	1.23			3.02	2.93	3.03
wind -0.4 m/s velocity	5.31	8.10	8.59	8.67	8.76	8.67	8.67	8.59	8.42	8.25	8.17	7.90		8.44	8.70	8.42

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25 time	2.50	3.53	4.54	5.52	6.48	7.45	8.43	9.42	10.41	11.42		12.66	4 / 4			
reaction time 0.147 interval		1.03	1.01	0.98	0.96	0.97	0.98	0.99	0.99	1.01	1.24			3.02	2.91	2.99
wind 0.3 m/s velocity	5.20	8.25	8.42	8.67	8.85	8.76	8.67	8.59	8.59	8.42	8.10	7.90		8.44	8.76	8.53

Ehrhardt, Anneliese (GDR) (1950)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1973 East German National Championships (Dresden, GDR)													*Tepper (1978) - Analyse der traininsgestaltung & leistungsentwicklung in den sprintdisziplinen der M & F*			
date 22-Jul-73 time	2.61	3.66	4.66	5.65	6.64	7.62	8.60	9.58	10.56	11.55		12.67	/ 1			
reaction time interval		1.05	1.00	0.99	0.99	0.98	0.98	0.98	0.98	0.99	1.12		*(12.3)*	3.04	2.95	2.95
wind 1.5 m/s velocity	4.98	8.10	8.50	8.59	8.59	8.67	8.67	8.67	8.67	8.59	9.38	7.89	**WR**	8.39	8.64	8.64

Alozie, Glory (NGR) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 26-Aug-99 time	2.54	3.55	4.57	5.55	6.53	7.51	8.50	9.49	10.49	11.50		12.67	3 / 1			
reaction time 0.162 interval		1.01	1.02	0.98	0.98	0.98	0.99	0.99	1.00	1.01	1.17			3.01	2.95	3.00
wind 1.1 m/s velocity	5.12	8.42	8.33	8.67	8.67	8.67	8.59	8.59	8.50	8.42	8.97	7.89		8.47	8.64	8.50

Morrison, Melissa (USA) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2000 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00 time	2.58	3.61	4.61	5.60	6.58	7.55	8.54	9.56	10.56	11.57		12.67	/ 2			
reaction time 0.183 interval		1.03	1.00	0.99	0.98	0.97	0.99	1.02	1.00	1.01	1.10			3.02	2.94	3.03
wind -0.2 m/s velocity	5.04	8.25	8.50	8.59	8.67	8.76	8.59	8.33	8.50	8.42	9.55	7.89		8.44	8.67	8.42

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)													*USATF Women's Hurdle Development (2006)*			
date 24-Jun-06 time	2.60	3.65	4.64	5.57	6.57	7.56	8.53	9.53	10.54	11.57		12.67	6 / 3			
reaction time interval		1.05	0.99	0.93	1.00	0.99	0.97	1.00	1.01	1.03	1.10			2.97	2.96	3.04
wind - 0.4 m/s velocity	5.00	8.10	8.59	9.14	8.50	8.59	8.76	8.50	8.42	8.25	9.55	7.89		8.59	8.61	8.39

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN)													*Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*			
date 28-Aug-07 time	2.62	3.64	4.62	5.60	6.58	7.55	8.53	9.53	10.53	11.55		12.67	7 / 4			
reaction time 0.133 interval		1.02	0.98	0.98	0.98	0.97	0.98	1.00	1.00	1.02	1.12			2.98	2.93	3.02

wind	-0.1 m/s	velocity	4.96	8.33	8.67	8.67	8.67	8.76	8.67	8.50	8.50	8.33	9.38	7.89			8.56	8.70	8.44

Ennis-London, Delloreen (JAM) (197			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)																		
date	18-Aug-08	time	2.56	3.58	4.56	5.55	6.54	7.49	8.46	9.47	10.49	11.51		12.67	5 / 2			
reaction time	0.145	interval		1.02	0.98	0.99	0.99	0.95	0.97	1.01	1.02	1.02	1.16			2.99	2.91	3.05
wind	0.2 m/s	velocity	5.08	8.33	8.67	8.59	8.59	8.95	8.76	8.42	8.33	8.33	9.05	7.89		8.53	8.76	8.36

Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance

Harper, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)																		
date	13-Sep-08	time	2.60	3.62	4.61	5.60	6.57	7.54	8.52	9.51	10.54	11.58		12.67	8 / ~~4~~ 3			
reaction time	0.182	interval		1.02	0.99	0.99	0.97	0.97	0.98	0.99	1.03	1.04	1.09			3.00	2.92	3.06
wind	0.3 m/s	velocity	5.00	8.33	8.59	8.59	8.76	8.76	8.67	8.59	8.25	8.17	9.63	7.89		8.50	8.73	8.33

Graubner (2009) - http://www.fgs.uni-halle.de

Foster-Hylton, Brigette (JAM) (1974			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 5 - 2009 IAAF World Championships (Berlin, GER)																		
date	18-Aug-09	time	2.58	3.59	4.57	5.53	6.49	7.46	8.43	9.43	10.45	11.51		12.67	5 / 1			
reaction time	0.134	interval		1.01	0.98	0.96	0.96	0.97	0.97	1.00	1.02	1.06	1.16			2.95	2.90	3.08
wind	0.1 m/s	velocity	5.04	8.42	8.67	8.85	8.85	8.76	8.76	8.50	8.33	8.02	9.05	7.89		8.64	8.79	8.28

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

O'Rourke, Derval (IRL) (1981)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2009 IAAF World Championships (Berlin, GER)																		
date	19-Aug-09	time	2.58	3.57	4.55	5.53	6.52	7.51	8.49	9.50	10.52	11.58		12.67	1 / 4			
reaction time	0.128	interval		0.99	0.98	0.98	0.99	0.99	0.98	1.01	1.02	1.06	1.09	**NR**		2.95	2.96	3.09
wind	0.2 m/s	velocity	5.04	8.59	8.67	8.67	8.59	8.59	8.67	8.42	8.33	8.02	9.63	7.89		8.64	8.61	8.25

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

Rollins, Brianna (USA) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis)																		
date	28-Aug-15	time	2.50	3.58	4.54	5.52	6.50	7.46	8.46	9.46	10.46	11.48		12.67	4 / 4			
reaction time	0.148	interval		1.08	0.96	0.98	0.98	0.96	1.00	1.00	1.00	1.02	1.19			3.02	2.94	3.02
wind	-0.3 m/s	velocity	5.20	7.87	8.85	8.67	8.67	8.85	8.50	8.50	8.50	8.33	8.82	7.89		8.44	8.67	8.44

Henson (2021) - Athlete First: major championships report

Castlin, Kristi (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2016 London Anniversary Games (London, GBR) (TV Analysis)																		
date	22-Jul-16	time	2.54	3.58	4.60	5.56	6.52	7.48	8.44	9.44	10.44	11.48		12.67	5 / 3			
reaction time	0.140	interval		1.04	1.02	0.96	0.96	0.96	0.96	1.00	1.00	1.04	1.19			3.02	2.88	3.04
wind	0.2 m/s	velocity	5.12	8.17	8.33	8.85	8.85	8.85	8.85	8.50	8.50	8.17	8.82	7.89		8.44	8.85	8.39

Henson (2020) - Athlete First: 2016 year end hurdle report

Clemons, Christina (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	24-Aug-17	time	2.50	3.50	4.48	5.46	6.44	7.42	8.40	9.40	10.42	11.48		12.67	7 / 3			
reaction time	0.117	interval		1.00	0.98	0.98	0.98	0.98	0.98	1.00	1.02	1.06	1.19			2.96	2.94	3.08
wind	-0.3 m/s	velocity	5.20	8.50	8.67	8.67	8.67	8.67	8.67	8.50	8.33	8.02	8.82	7.89		8.61	8.67	8.28

Henson (2020) - Athlete First: 2017 year end hurdle report

Dutkiewicz, Pamela (GER) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)																		
date	09-Jul-18	time	2.56	3.56	4.54	5.52	6.48	7.48	8.46	9.44	10.48	11.50		12.67	2 / 2			
reaction time		interval		1.00	0.98	0.98	0.96	1.00	0.98	0.98	1.04	1.02	1.17			2.96	2.94	3.04
wind	0.9 m/s	velocity	5.08	8.50	8.67	8.67	8.85	8.50	8.67	8.67	8.17	8.33	8.97	7.89		8.61	8.67	8.39

Henson (2020) - Athlete First: 2018 year end hurdle report

Cunningham, Gabriele (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 4 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	19-Jun-21	time	2.43	3.46	4.44	5.42	6.40	7.36	8.36	9.36	10.40	11.42		12.67	7 / 2			
reaction time	0.162	interval		1.03	0.98	0.98	0.98	0.96	1.00	1.00	1.04	1.02	1.25	**PB**		2.99	2.94	3.06
wind	0.1 m/s	velocity	5.35	8.25	8.67	8.67	8.67	8.85	8.50	8.50	8.17	8.33	8.04	7.89		8.53	8.67	8.33

Henson (2021) - Athlete First: 2021 year end hurdle report

Cunningham, Gabriele (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																		
date	01-Aug-21	time	2.53	3.53	4.49	5.44	6.43	7.42	8.41	9.41	10.44	11.47		12.67	8 / 4			
reaction time	0.165	interval		1.00	0.96	0.95	0.99	0.99	0.99	1.00	1.03	1.03	1.20			2.91	2.97	3.06
wind	-0.2 m/s	velocity	5.14	8.50	8.85	8.95	8.59	8.59	8.59	8.50	8.25	8.25	8.38	7.89		8.76	8.59	8.33

Henson (2024) - Athlete First: 2021 year end hurdle report

Herman, Elvira (BLR) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)																		
date	06-Jul-21	time	2.58	3.60	4.58	5.57	6.54	7.51	8.49	9.47	10.47	11.49		12.67	3 / 2			
reaction time	0.152	interval		1.02	0.98	0.99	0.97	0.97	0.98	0.98	1.00	1.02	1.18			2.99	2.92	3.00
wind	0.2 m/s	velocity	5.04	8.33	8.67	8.59	8.76	8.76	8.67	8.67	8.50	8.33	8.52	7.89		8.53	8.73	8.50

Henson (2021) - Athlete First: 2021 year end hurdle report

Anderson, Britany (JAM) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																		
date	31-Jul-21	time	2.57	3.58	4.61	5.61	6.61	7.58	8.56	9.54	10.54	11.55		12.67	9 / 1			
reaction time		interval		1.01	1.03	1.00	1.00	0.97	0.98	0.98	1.00	1.01	1.12			3.04	2.95	2.99
wind	-1.1 m/s	velocity	5.06	8.42	8.25	8.50	8.50	8.76	8.67	8.67	8.50	8.42	8.97	7.89		8.39	8.64	8.53

Henson (2024) - Athlete First: 2021 year end hurdle report

Williams, Danielle (JAM) (1992)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Puerto Rico International Athletics Classic (Ponce, PUR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 12-May-22 time	2.46	3.48	4.47	5.46	6.44	7.42	8.40	9.38	10.42	11.47		12.67	4 / 3			
reaction time 0.172 interval		1.02	0.99	0.99	0.98	0.98	0.98	0.98	1.04	1.05	1.20			3.00	2.94	3.07
wind 0.3 m/s velocity	5.28	8.33	8.59	8.59	8.67	8.67	8.67	8.67	8.17	8.10	8.38	7.89		8.50	8.67	8.31

Amusan, Tobi (NGR) (1997)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2022 Nigerian National Championships (Benin City, NGR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 25-Jun-22 time	2.52	3.55	4.55	5.52	6.49	7.46	8.44	9.41	10.41	11.43		12.67	3 / 1			
reaction time interval		1.03	1.00	0.97	0.97	0.97	0.98	0.97	1.00	1.02	1.24			3.00	2.92	2.99
wind 0.0 m/s velocity	5.16	8.25	8.50	8.76	8.76	8.76	8.67	8.76	8.50	8.33	8.10	7.89		8.50	8.73	8.53

Sember, Cindy (GBR) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.47	3.52	4.50	5.46	6.46	7.40	8.40	9.38	10.38	11.40		12.67	5 / 2			
reaction time 0.149 interval		1.05	0.98	0.96	1.00	0.94	1.00	0.98	1.00	1.02	1.27			2.99	2.94	3.00
wind -0.4 m/s velocity	5.26	8.10	8.67	8.85	8.50	9.04	8.50	8.67	8.50	8.33	7.91	7.89		8.53	8.67	8.50

Tapper, Megan (JAM) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 07-Aug-22 time	2.52	3.52	4.48	5.44	6.40	7.38	8.36	9.36	10.40	11.44		12.67	4 / 4			
reaction time 0.154 interval		1.00	0.96	0.96	0.96	0.98	0.98	1.00	1.04	1.04	1.23			2.92	2.92	3.08
wind -0.2 m/s velocity	5.16	8.50	8.85	8.85	8.85	8.67	8.67	8.50	8.17	8.17	8.17	7.89		8.73	8.73	8.28

Ali, Nia (USA) (1988)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Sep-22 time	2.47	3.50	4.50	5.47	6.44	7.44	8.41	9.41	10.42	11.44		12.67	3 / 6			
reaction time 0.163 interval		1.03	1.00	0.97	0.97	1.00	0.97	1.00	1.01	1.02	1.23			3.00	2.94	3.03
wind -0.3 m/s velocity	5.26	8.25	8.50	8.76	8.76	8.50	8.76	8.50	8.42	8.33	8.17	7.89		8.50	8.67	8.42

Skrzyszowska, Pia (POL) (2001)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	2.44	3.48	4.48	5.46	6.43	7.40	8.38	9.37	10.38	11.41		12.67	7 / 8			
reaction time 0.130 interval		1.04	1.00	0.98	0.97	0.97	0.98	0.99	1.01	1.03	1.26			3.02	2.92	3.03
wind 0.9 m/s velocity	5.33	8.17	8.50	8.67	8.76	8.76	8.67	8.59	8.42	8.25	7.98	7.89		8.44	8.73	8.42

Russell, Masai (USA) (2000)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	2.44	3.49	4.50	5.50	6.48	7.46	8.45	9.44	10.44	11.44		12.67	9 / 6			
reaction time 0.155 interval		1.05	1.01	1.00	0.98	0.98	0.99	0.99	1.00	1.00	1.23			3.06	2.95	2.99
wind -0.2 m/s velocity	5.33	8.10	8.42	8.50	8.67	8.67	8.59	8.59	8.50	8.50	8.17	7.89		8.33	8.64	8.53

Armstrong, Alia (USA) (2000)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24 time	2.54	3.55	4.56	5.55	6.52	7.50	8.49	9.48	10.50	11.53		12.67	4 / 4			
reaction time interval		1.01	1.01	0.99	0.97	0.98	0.99	0.99	1.02	1.03	1.14			3.01	2.94	3.04
wind 0.8 m/s velocity	5.12	8.42	8.42	8.59	8.76	8.67	8.59	8.59	8.33	8.25	8.82	7.89		8.47	8.67	8.39

Caicedo, Maribel (ECU) (1998)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24 time	2.45	3.50	4.49	5.48	6.46	7.44	8.44	9.43	10.43	11.44		12.67	9 / 4			
reaction time 0.156 interval		1.05	0.99	0.99	0.98	0.98	1.00	0.99	1.00	1.01	1.23			3.03	2.96	3.00
wind 0.4 m/s velocity	5.31	8.10	8.59	8.59	8.67	8.67	8.50	8.59	8.50	8.42	8.17	7.89		8.42	8.61	8.50

Sember, Cindy (GBR) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.53	3.47	4.43	5.40	6.37	7.37	8.38	9.39	10.40	11.40		12.67	2 / 7			
reaction time 0.150 interval		0.94	0.96	0.97	0.97	1.00	1.01	1.01	1.01	1.00	1.27			2.87	2.98	3.02
wind 0.6 m/s velocity	5.14	9.04	8.85	8.76	8.76	8.50	8.42	8.42	8.42	8.50	7.91	7.89		8.89	8.56	8.44

Anisimova, Tatyana (URS) (1949)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. GDR (Tbilisi, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date 26-Jun-81 time	2.49	3.50	4.48	5.46	6.45	7.45	8.44	9.45	10.46	11.50		12.68	/ 1			
reaction time interval		1.01	0.98	0.98	0.99	1.00	0.99	1.01	1.01	1.04	1.18			2.97	2.98	3.06
wind 0.0 m/s velocity	5.22	8.42	8.67	8.67	8.59	8.50	8.59	8.42	8.42	8.17	8.90	7.89		8.59	8.56	8.33

Uibel-Siebert, Gloria (GDR) (1964)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)													*Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*			
date 04-Sep-87 time	2.65	3.66	4.65	5.63	6.60	7.57	8.54	9.53	10.54	11.55		12.68	4 / 1			
reaction time interval		1.01	0.99	0.98	0.97	0.97	0.97	0.99	1.01	1.01	1.13			2.98	2.91	3.01
wind -0.9 m/s velocity	4.91	8.42	8.59	8.67	8.76	8.76	8.76	8.59	8.42	8.42	9.29	7.89		8.56	8.76	8.47

Adams, Jenny (USA) (1978)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Championships (Palo Alto, CA)																		
																		USATF Women's Sprint Development (2003)
date	22-Jun-03	time	2.55	3.57	4.54	5.52	6.50	7.45	8.44	9.43	10.44	11.49		12.68	7 / 3			
reaction time		interval		1.02	0.97	0.98	0.98	0.95	0.99	0.99	1.01	1.05	1.19			2.97	2.92	3.05
wind	-0.1 m/s	velocity	5.10	8.33	8.76	8.67	8.67	8.95	8.59	8.59	8.42	8.10	8.82	7.89		8.59	8.73	8.36

Perry, Michelle (USA) (1979)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)																		
																		Graubner (2007) - http://www.fgs.uni-halle.de
date	22-Sep-07	time	2.59	3.62	4.62	5.62	6.60	7.58	8.58	9.57	10.56	11.58		12.68	6 / 1			
reaction time	0.132	interval		1.03	1.00	1.00	0.98	0.98	1.00	0.99	0.99	1.02	1.10			3.03	2.96	3.00
wind	-0.3 m/s	velocity	5.02	8.25	8.50	8.50	8.67	8.67	8.50	8.59	8.59	8.33	9.55	7.89		8.42	8.61	8.50

Lopes-Schliep, Priscilla (CAN) (1982)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)																		
																		Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance
date	18-Aug-08	time	2.51	3.56	4.58	5.57	6.58	7.54	8.50	9.52	10.57	11.59		12.68	6 / 3			
reaction time	0.159	interval		1.05	1.02	0.99	1.01	0.96	0.96	1.02	1.05	1.02	1.09			3.06	2.93	3.09
wind	0.2 m/s	velocity	5.18	8.10	8.33	8.59	8.42	8.85	8.85	8.33	8.10	8.33	9.63	7.89		8.33	8.70	8.25

Nytra, Carolin (GER) (1985)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 European Championships (Barcelona, ESP)																		
																		Graubner (2010) - http://www.fgs.uni-halle.de
date	31-Jul-10	time	2.59	3.61	4.61	5.60	6.58	7.55	8.54	9.55	10.57	11.61		12.68	6 / 3			
reaction time	0.177	interval		1.02	1.00	0.99	0.98	0.97	0.99	1.01	1.02	1.04	1.07			3.01	2.94	3.07
wind	-0.5 m/s	velocity	5.02	8.33	8.50	8.59	8.67	8.76	8.59	8.42	8.33	8.17	9.81	7.89		8.47	8.67	8.31

Porter, Tiffany (GBR) (1987)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis)																		
																		Henson (2021) - Athlete First: major championships report
date	28-Aug-15	time	2.52	3.52	4.50	5.48	6.46	7.42	8.40	9.38	10.38	11.46		12.68	7 / 5			
reaction time	0.140	interval		1.00	0.98	0.98	0.98	0.96	0.98	0.98	1.00	1.08	1.22			2.96	2.92	3.06
wind	-0.3 m/s	velocity	5.16	8.50	8.67	8.67	8.67	8.85	8.67	8.67	8.50	7.87	8.61	7.89		8.61	8.73	8.33

Talay, Alina (BLR) (1989)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2016 year end hurdle report
date	07-Jul-16	time	2.52	3.54	4.52	5.50	6.48	7.44	8.42	9.44	10.46	11.48		12.68	5 / 2			
reaction time	0.153	interval		1.02	0.98	0.98	0.98	0.96	0.98	1.02	1.02	1.02	1.20			2.98	2.92	3.06
wind	-0.7 m/s	velocity	5.16	8.33	8.67	8.67	8.67	8.85	8.67	8.33	8.33	8.33	8.75	7.89		8.56	8.73	8.33

Nelvis, Sharika (USA) (1990)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2017 year end hurdle report
date	27-May-17	time	2.52	3.56	4.56	5.54	6.52	7.50	8.48	9.46	10.46	11.46		12.68	4 / 5			
reaction time	0.187	interval	7 steps	1.04	1.00	0.98	0.98	0.98	0.98	0.98	1.00	1.00	1.22			3.02	2.94	2.98
wind	0.8 m/s	velocity	5.16	8.17	8.50	8.67	8.67	8.67	8.67	8.67	8.50	8.50	8.61	7.89		8.44	8.67	8.56

Ali, Nia (USA) (1988)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2017 year end hurdle report
date	21-Jul-17	time	2.54	3.56	4.56	5.56	6.54	7.52	8.50	9.50	10.52	11.54		12.68	6 / 4			
reaction time	0.136	interval		1.02	1.00	1.00	0.98	0.98	0.98	1.00	1.02	1.02	1.14			3.02	2.94	3.04
wind	-0.2 m/s	velocity	5.12	8.33	8.50	8.50	8.67	8.67	8.67	8.50	8.33	8.33	9.21	7.89		8.44	8.67	8.39

Pearson, Sally (AUS) (1986)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2017 year end hurdle report
date	21-Jul-17	time	2.52	3.54	4.56	5.56	6.54	7.54	8.52	9.50	10.50	11.54		12.68	5 / 5			
reaction time	0.134	interval		1.02	1.02	1.00	0.98	1.00	0.98	0.98	1.00	1.04	1.14			3.04	2.96	3.02
wind	-0.2 m/s	velocity	5.16	8.33	8.33	8.50	8.67	8.50	8.67	8.67	8.50	8.17	9.21	7.89		8.39	8.61	8.44

Nelvis, Sharika (USA) (1990)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2018 year end hurdle report
date	23-Jun-18	time	2.43	3.43	4.41	5.39	6.37	7.37	8.34	9.31	10.34	11.37		12.68	3 / 3			
reaction time		interval		1.00	0.98	0.98	0.98	1.00	0.97	0.97	1.03	1.03	1.31			2.96	2.95	3.03
wind	-1.4 m/s	velocity	5.35	8.50	8.67	8.67	8.67	8.50	8.76	8.76	8.25	8.25	8.02	7.89		8.61	8.64	8.42

Amusan, Tobi (NGR) (1997)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2018 year end hurdle report
date	22-Jul-18	time	2.52	3.58	4.56	5.54	6.50	7.48	8.48	9.44	10.46	11.48		12.68	8 / 7			
reaction time	0.151	interval		1.06	0.98	0.98	0.96	0.98	1.00	0.96	1.02	1.02	1.20			3.02	2.94	3.00
wind	0.6 m/s	velocity	5.16	8.02	8.67	8.67	8.85	8.67	8.50	8.85	8.33	8.33	8.75	7.89		8.44	8.67	8.50

Claye, Queen (USA) (1988)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)																		
																		Henson (2020) - Athlete First: 2019 year end hurdle report
date	27-Jul-19	time	2.51	3.54	4.50	5.50	6.47	7.44	8.40	9.40	10.41	11.44		12.68	2 / 5			
reaction time		interval		1.03	0.96	1.00	0.97	0.97	0.96	1.00	1.01	1.03	1.24			2.99	2.90	3.04
wind	-1.2 m/s	velocity	5.18	8.25	8.85	8.50	8.76	8.76	8.85	8.50	8.42	8.25	8.47	7.89		8.53	8.79	8.39

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	11-Aug-20	time	2.50	3.52	4.54	5.54	6.50	7.48	8.48	9.46	10.48	11.50		12.68	4 / 1			
reaction time	0.137	interval		1.02	1.02	1.00	0.96	0.98	1.00	0.98	1.02	1.02	1.18			3.04	2.94	3.02
wind	1.2 m/s	velocity	5.20	8.33	8.33	8.50	8.85	8.67	8.50	8.67	8.33	8.33	8.52	7.89		8.39	8.67	8.44

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	19-Aug-20	time	2.49	3.50	4.50	5.47	6.44	7.41	8.41	9.41	10.42	11.44		12.68	5 / 1			
reaction time	0.145	interval		1.01	1.00	0.97	0.97	0.97	1.00	1.00	1.01	1.02	1.24			2.98	2.94	3.03
wind	-0.2 m/s	velocity	5.22	8.42	8.50	8.76	8.76	8.76	8.50	8.50	8.42	8.33	8.10	7.89		8.56	8.67	8.42

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	20-Jun-21	time	2.43	3.45	4.47	5.47	6.43	7.40	8.40	9.40	10.40	11.46		12.68	6 / 5			
reaction time	0.141	interval		1.02	1.02	1.00	0.96	0.97	1.00	1.00	1.00	1.06	1.22			3.04	2.93	3.06
wind	1.3 m/s	velocity	5.35	8.33	8.33	8.50	8.85	8.76	8.50	8.50	8.50	8.02	8.24	7.89		8.39	8.70	8.33

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	22-Apr-22	time	2.54	3.56	4.56	5.54	6.53	7.51	8.49	9.47	10.47	11.49		12.68	7 / 6			
reaction time		interval		1.02	1.00	0.98	0.99	0.98	0.98	0.98	1.00	1.02	1.19			3.00	2.95	3.00
wind	0.8 m/s	velocity	5.12	8.33	8.50	8.67	8.59	8.67	8.67	8.67	8.50	8.33	8.45	7.89		8.50	8.64	8.50

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	07-Aug-22	time	2.48	3.48	4.48	5.44	6.42	7.40	8.38	9.40	10.40	11.46		12.68	6 / 5			
reaction time	0.154	interval		1.00	1.00	0.96	0.98	0.98	0.98	1.02	1.00	1.06	1.22			2.96	2.94	3.08
wind	-0.2 m/s	velocity	5.24	8.50	8.50	8.85	8.67	8.67	8.67	8.33	8.50	8.02	8.24	7.89		8.61	8.67	8.28

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	24-Jun-23	time	2.53	3.57	4.55	5.53	6.51	7.49	8.48	9.49	10.51	11.53		12.68	6 / 5			
reaction time	0.216	interval		1.04	0.98	0.98	0.98	0.98	0.99	1.01	1.02	1.02	1.15			3.00	2.95	3.05
wind	2.8 m/s	velocity	5.14	8.17	8.67	8.67	8.67	8.67	8.59	8.42	8.33	8.33	8.74	7.89		8.50	8.64	8.36

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2023) - diamond league race analysis*

date	21-Jul-23	time	2.43	3.46	4.45	5.42	6.38	7.34	8.30	9.29	10.33	11.41		12.68	3 / 5			
reaction time	0.125	interval		1.03	0.99	0.97	0.96	0.96	0.96	0.99	1.04	1.08	1.27			2.99	2.88	3.11
wind	0.6 m/s	velocity	5.35	8.25	8.59	8.76	8.85	8.85	8.85	8.59	8.17	7.87	7.91	7.89		8.53	8.85	8.20

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.56	3.58	4.56	5.54	6.51	7.49	8.47	9.47	10.47	11.50		12.68	4 / 2			
reaction time	0.146	interval		1.02	0.98	0.98	0.97	0.98	0.98	1.00	1.00	1.03	1.18			2.98	2.93	3.03
wind	0.0 m/s	velocity	5.08	8.33	8.67	8.67	8.76	8.67	8.67	8.50	8.50	8.25	8.52	7.89		8.56	8.70	8.42

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	09-Aug-24	time	2.42	3.46	4.45	5.43	6.41	7.40	8.38	9.38	10.39	11.42		12.68	6 / 5			
reaction time	0.141	interval		1.04	0.99	0.98	0.98	0.99	0.98	1.00	1.01	1.03	1.26			3.01	2.95	3.04
wind	0.4 m/s	velocity	5.37	8.17	8.59	8.67	8.67	8.59	8.67	8.50	8.42	8.25	7.98	7.89		8.47	8.64	8.39

Grigoryeva, Natalya (URS) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Numazawa (1991) - analysis of time in the 3rd world athletics championships, women's 100m hurdles*

date	30-Aug-91	time	2.55	3.57	4.56	5.54	6.51	7.49	8.48	9.48	10.51	11.56		12.69	6 / 3			
reaction time	0.162	interval		1.02	0.99	0.98	0.97	0.98	0.99	1.00	1.03	1.05	1.13			2.99	2.94	3.08
wind	-1.7 m/s	velocity	5.10	8.33	8.59	8.67	8.76	8.67	8.59	8.50	8.25	8.10	9.29	7.88		8.53	8.67	8.28

Tolbert-Goode, Lynda (USA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

date	23-Jun-96	time	2.24	3.31	4.34	5.35	6.33	7.31	8.31	9.28	10.30	11.31		12.69	5 / 2			
reaction time		interval		1.07	1.03	1.01	0.98	0.98	1.00	0.97	1.02	1.01	1.38			3.11	2.96	3.00
wind	0.6 m/s	velocity	5.80	7.94	8.25	8.42	8.67	8.67	8.50	8.76	8.33	8.42	7.61	7.88		8.20	8.61	8.50

Bukovec, Brigita (YUG) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 IAAF World Championships (Athens, GRE) *Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*

date	10-Aug-97	time	2.60	3.58	4.58	5.56	6.52	7.49	8.50	9.50	10.50	11.54		12.69	2 / 4			
reaction time	0.146	interval		0.98	1.00	0.98	0.96	0.97	1.01	1.00	1.00	1.04	1.15			2.96	2.94	3.04
wind	-0.3 m/s	velocity	5.00	8.67	8.50	8.67	8.85	8.76	8.42	8.50	8.50	8.17	9.13	7.88		8.61	8.67	8.39

Morrison, Melissa (USA) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 1998 USATF National Championships (New Orleans, LA) *Mann (1998) - usatf elite sprint & hurdle summit*

date	20-Jun-98	time	2.30	3.31	4.31	5.29	6.27	7.24	8.23	9.23	10.25	11.35		12.69	/ 1			
reaction time		interval		1.01	1.00	0.98	0.98	0.97	0.99	1.00	1.02	1.10	1.34			2.99	2.94	3.12
wind	2.3 m/s	velocity	5.65	8.42	8.50	8.67	8.67	8.76	8.59	8.50	8.33	7.73	7.84	7.88		8.53	8.67	8.17

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2007 Pan American Games (Rio de Janerio, BRA)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date	24-Jul-07	time	2.62	3.65	4.62	5.58	6.55	7.52	8.50	9.50	10.52	11.56		12.69	/ 1			
reaction time	0.150	interval		1.03	0.97	0.96	0.97	0.97	0.98	1.00	1.02	1.04	1.13			2.96	2.92	3.06
wind	0.2 m/s	velocity	4.96	8.25	8.76	8.85	8.76	8.76	8.67	8.50	8.33	8.17	9.29	7.88		8.61	8.73	8.33

Zelinka, Jessica (CAN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date	07-Aug-12	time	2.50	3.50	4.50	5.46	6.42	7.40	8.38	9.40	10.42	11.46		12.69	8 / ~~7~~ 6			
reaction time	0.145	interval		1.00	1.00	0.96	0.96	0.98	0.98	1.02	1.02	1.04	1.23			2.96	2.92	3.08
wind	-0.2 m/s	velocity	5.20	8.50	8.50	8.85	8.85	8.67	8.67	8.33	8.33	8.17	8.54	7.88		8.61	8.73	8.28

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Athletissima Diamond League Meeting (Lausanne, SUI)													*Vazel (2013) - hurdle observations*			
date	04-Jul-13	time	2.55	3.57	4.56	5.53	6.51	7.50	8.48	9.47	10.50	11.55		12.69	7 / 7			
reaction time	0.136	interval		1.02	0.99	0.97	0.98	0.99	0.98	0.99	1.03	1.05	1.14			2.98	2.95	3.07
wind	1.2 m/s	velocity	5.10	8.33	8.59	8.76	8.67	8.59	8.67	8.59	8.25	8.10	9.21	7.88		8.56	8.64	8.31

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 London Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	22-Jul-16	time	2.52	3.54	4.54	5.50	6.50	7.48	8.48	9.48	10.48	11.50		12.69	7 / 1			
reaction time	0.156	interval		1.02	1.00	0.96	1.00	0.98	1.00	1.00	1.00	1.02	1.19			2.98	2.98	3.02
wind	0.3 m/s	velocity	5.16	8.33	8.50	8.85	8.50	8.67	8.50	8.50	8.50	8.33	8.82	7.88		8.56	8.56	8.44

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date	04-Jul-17	time	2.48	3.52	4.52	5.50	6.46	7.44	8.42	9.42	10.42	11.44		12.69	1 / 3			
reaction time	0.160	interval	7 steps	1.04	1.00	0.98	0.96	0.98	0.98	1.00	1.00	1.02	1.25			3.02	2.92	3.02
wind	0.1 m/s	velocity	5.24	8.17	8.50	8.67	8.85	8.67	8.67	8.50	8.50	8.33	8.40	7.88		8.44	8.73	8.44

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	31-Aug-18	time	2.48	3.56	4.56	5.56	6.54	7.52	8.50	9.48	10.48	11.50		12.69	2 / 4			
reaction time	0.134	interval		1.08	1.00	1.00	0.98	0.98	0.98	0.98	1.00	1.02	1.19			3.08	2.94	3.00
wind	0.1 m/s	velocity	5.24	7.87	8.50	8.50	8.67	8.67	8.67	8.67	8.50	8.33	8.82	7.88		8.28	8.67	8.50

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	30-May-19	time	2.52	3.48	4.48	5.46	6.44	7.42	8.40	9.40	10.42	11.46		12.69	4 / 2			
reaction time	0.104	interval		0.96	1.00	0.98	0.98	0.98	0.98	1.00	1.02	1.04	1.23			2.94	2.94	3.06
wind	1.3 m/s	velocity	5.16	8.85	8.50	8.67	8.67	8.67	8.67	8.50	8.33	8.17	8.54	7.88		8.67	8.67	8.33

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	13-Jun-19	time	2.56	3.56	4.56	5.54	6.50	7.48	8.46	9.46	10.50	11.52		12.69	3 / 1			
reaction time	0.126	interval		1.00	1.00	0.98	0.96	0.98	0.98	1.00	1.04	1.02	1.17			2.98	2.92	3.06
wind	1.1 m/s	velocity	5.08	8.50	8.50	8.67	8.85	8.67	8.67	8.50	8.17	8.33	8.97	7.88		8.56	8.73	8.33

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
date	09-May-21	time	2.47	3.47	4.45	5.43	6.40	7.37	8.37	9.35	10.40	11.44		12.69	5 / 6			
reaction time	0.156	interval		1.00	0.98	0.98	0.97	0.97	1.00	0.98	1.05	1.04	1.25			2.96	2.94	3.07
wind	2.0 m/s	velocity	5.26	8.50	8.67	8.67	8.76	8.76	8.50	8.67	8.10	8.17	8.04	7.88		8.61	8.67	8.31

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	13-Jul-21	time	2.54	3.57	4.57	5.55	6.51	7.47	8.45	9.45	10.46	11.48		12.69	4 / 1			
reaction time	0.195	interval		1.03	1.00	0.98	0.96	0.96	0.98	1.00	1.01	1.02	1.21			3.01	2.90	3.03
wind	1.5 m/s	velocity	5.12	8.25	8.50	8.67	8.85	8.85	8.67	8.50	8.42	8.33	8.31	7.88		8.47	8.79	8.42

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	01-Aug-21	time	2.51	3.51	4.51	5.48	6.46	7.46	8.46	9.45	10.46	11.49		12.69	4 / 3			
reaction time	0.139	interval		1.00	1.00	0.97	0.98	1.00	1.00	0.99	1.01	1.03	1.20			2.97	2.98	3.03
wind	-0.8 m/s	velocity	5.18	8.50	8.50	8.76	8.67	8.50	8.50	8.59	8.42	8.25	8.38	7.88		8.59	8.56	8.42

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	28-Aug-21	time	2.54	3.58	4.58	5.56	6.54	7.50	8.48	9.48	10.48	11.48		12.69	4 / 4			

reaction time	0.155	interval		1.04	1.00	0.98	0.98	0.96	0.98	1.00	1.00	1.00	1.21			3.02	2.92	3.00
wind	1.7 m/s	velocity	5.12	8.17	8.50	8.67	8.67	8.85	8.67	8.50	8.50	8.50	8.31	7.88		8.44	8.73	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 03-Sep-21 time	2.54	3.56	4.54	5.52	6.50	7.46	8.44	9.44	10.46	11.50		12.69	7 / 1			
reaction time 0.141 interval		1.02	0.98	0.98	0.98	0.96	0.98	1.00	1.02	1.04	1.19			2.98	2.92	3.06
wind 0.7 m/s velocity	5.12	8.33	8.67	8.67	8.67	8.85	8.67	8.50	8.33	8.17	8.45	7.88		8.56	8.73	8.33

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 03-Sep-21 time	2.52	3.58	4.58	5.56	6.54	7.50	8.48	9.46	10.46	11.50		12.69	5 / 2			
reaction time 0.163 interval		1.06	1.00	0.98	0.98	0.96	0.98	0.98	1.00	1.04	1.19			3.04	2.92	3.02
wind 0.7 m/s velocity	5.16	8.02	8.50	8.67	8.67	8.85	8.67	8.67	8.50	8.17	8.45	7.88		8.39	8.73	8.44

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 28-May-22 time	2.53	3.57	4.56	5.55	6.53	7.50	8.50	9.50	10.50	11.52		12.69	2 / 4			
reaction time 0.149 interval		1.04	0.99	0.99	0.98	0.97	1.00	1.00	1.00	1.02	1.17			3.02	2.95	3.02
wind -0.7 m/s velocity	5.14	8.17	8.59	8.59	8.67	8.76	8.50	8.50	8.50	8.33	8.59	7.88		8.44	8.64	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.46	3.48	4.48	5.46	6.44	7.40	8.38	9.38	10.40	11.46		12.69	8 / 2			
reaction time 0.124 interval		1.02	1.00	0.98	0.98	0.96	0.98	1.00	1.02	1.06	1.23			3.00	2.92	3.08
wind -0.4 m/s velocity	5.28	8.33	8.50	8.67	8.67	8.85	8.67	8.50	8.33	8.02	8.17	7.88		8.50	8.73	8.28

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 07-Aug-22 time	2.48	3.48	4.48	5.46	6.44	7.44	8.44	9.44	10.46	11.48		12.69	8 / 6			
reaction time 0.128 interval		1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.02	1.21			2.98	2.98	3.04
wind -0.2 m/s velocity	5.24	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.33	8.31	7.88		8.56	8.56	8.39

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.56	3.56	4.56	5.54	6.50	7.48	8.46	9.45	10.45	11.47		12.69	5 / 2			
reaction time 0.155 interval		1.00	1.00	0.98	0.96	0.98	0.98	0.99	1.00	1.02	1.22	**=NR =PB**		2.98	2.92	3.01
wind -0.1 m/s velocity	5.08	8.50	8.50	8.67	8.85	8.67	8.67	8.59	8.50	8.33	8.24	7.88		8.56	8.73	8.47

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 05-May-23 time	2.56	3.60	4.58	5.56	6.52	7.50	8.48	9.46	10.46	11.48		12.69	3 / 3			
reaction time 0.167 interval		1.04	0.98	0.98	0.96	0.98	0.98	0.98	1.00	1.02	1.21			3.00	2.92	3.00
wind 1.1 m/s velocity	5.08	8.17	8.67	8.67	8.85	8.67	8.67	8.67	8.50	8.33	8.31	7.88		8.50	8.73	8.50

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF Los Angeles Grand Prix (Westwood, CA) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 27-May-23 time	2.56	3.58	4.58	5.54	6.52	7.49	8.47	9.50	10.52	11.56		12.69	4 / 8			
reaction time 0.184 interval		1.02	1.00	0.96	0.98	0.97	0.98	1.03	1.02	1.04	1.13			2.98	2.93	3.09
wind -0.2 m/s velocity	5.08	8.33	8.50	8.85	8.67	8.76	8.67	8.25	8.33	8.17	8.89	7.88		8.56	8.70	8.25

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23 time	2.60	3.60	4.60	5.58	6.56	7.56	8.55	9.54	10.53	11.56		12.69	2 / 3			
reaction time 0.139 interval		1.00	1.00	0.98	0.98	1.00	0.99	0.99	0.99	1.03	1.13			2.98	2.97	3.01
wind 0.1 m/s velocity	5.00	8.50	8.50	8.67	8.67	8.50	8.59	8.59	8.59	8.25	8.89	7.88		8.56	8.59	8.47

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.40	3.48	4.43	5.43	6.39	7.39	8.40	9.39	10.40	11.43		12.69	6 / 2			
reaction time 0.132 interval		1.08	0.95	1.00	0.96	1.00	1.01	0.99	1.01	1.03	1.26			3.03	2.97	3.03
wind 0.3 m/s velocity	5.42	7.87	8.95	8.50	8.85	8.50	8.42	8.59	8.42	8.25	7.98	7.88		8.42	8.59	8.42

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24 time	2.46	3.50	4.49	5.48	6.45	7.42	8.40	9.38	10.39	11.43		12.69	4 / 6			
reaction time 0.139 interval		1.04	0.99	0.99	0.97	0.97	0.98	0.98	1.01	1.04	1.26			3.02	2.92	3.03
wind 0.4 m/s velocity	5.28	8.17	8.59	8.59	8.76	8.76	8.67	8.67	8.42	8.17	7.98	7.88		8.44	8.73	8.42

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)													*Omega Timing (2024) - diamond league race analysis*			
date 22-Aug-24 time	2.46	3.48	4.46	5.43	6.41	7.41	8.41	9.41	10.42	11.44		12.69	4 / 7			
reaction time 0.144 interval		1.02	0.98	0.97	0.98	1.00	1.00	1.00	1.01	1.02	1.25			2.97	2.98	3.03

wind	-0.9 m/s	velocity	5.28	8.33	8.67	8.76	8.67	8.50	8.50	8.50	8.42	8.33	8.04	7.88		8.59	8.56	8.42

Devers, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99 time	2.55	3.56	4.56	5.53	6.51	7.49	8.48	9.48	10.49	11.52		12.70	3 / 1			
reaction time 0.149 interval		1.01	1.00	0.97	0.98	0.98	0.99	1.00	1.01	1.03	1.18			2.98	2.95	3.04
wind 1.0 m/s velocity	5.10	8.42	8.50	8.76	8.67	8.67	8.59	8.50	8.42	8.25	8.90	7.87		8.56	8.64	8.39

Su Yiping (CHN) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 Chinese National Games (Beijing, CHN)													*Xu (2007) - comparative study on technical parameters of china & world female 100m hurdlers*			
date 18-Nov-01 time	2.62	3.66	4.65	5.63	6.59	7.57	8.55	9.54	10.56	11.59		12.70	/ 1			
reaction time interval		1.04	0.99	0.98	0.96	0.98	0.98	0.99	1.02	1.03	1.11			3.01	2.92	3.04
wind 2.2 m/s velocity	4.96	8.17	8.59	8.67	8.85	8.67	8.67	8.59	8.33	8.25	9.46	7.87		8.47	8.73	8.39

Morrison, Melissa (USA) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.52	3.55	4.54	5.50	6.49	7.44	8.49	9.46	10.46	11.49		12.70	3 / 4			
reaction time interval		1.03	0.99	0.96	0.99	0.95	1.05	0.97	1.00	1.03	1.21			2.98	2.99	3.00
wind -0.1 m/s velocity	5.16	8.25	8.59	8.85	8.59	8.95	8.10	8.76	8.50	8.25	8.68	7.87		8.56	8.53	8.50

Onyia, Josephine (ESP) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 22-Sep-07 time	2.57	3.62	4.62	5.60	6.60	7.58	8.56	9.57	10.59	11.62		12.70	2 / 2			
reaction time 0.159 interval		1.05	1.00	0.98	1.00	0.98	0.98	1.01	1.02	1.03	1.08			3.03	2.96	3.06
wind -0.3 m/s velocity	5.06	8.10	8.50	8.67	8.50	8.67	8.67	8.42	8.33	8.25	9.72	7.87		8.42	8.61	8.33

McLellan, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.54	3.55	4.54	5.53	6.51	7.51	8.52	9.52	10.54	11.57		12.70	9 / 4			
reaction time 0.140 interval		1.01	0.99	0.99	0.98	1.00	1.01	1.00	1.02	1.03	1.13			2.99	2.99	3.05
wind 0.2 m/s velocity	5.12	8.42	8.59	8.59	8.67	8.50	8.42	8.50	8.33	8.25	9.29	7.87		8.53	8.53	8.36

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Golden Gala (Rome, ITA)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 10-Jul-09 time	2.34	3.41	4.41	5.38	6.35	7.28	8.28	9.26	10.30	11.29		12.70	/ 4			
reaction time 0.176 interval		1.07	1.00	0.97	0.97	0.93	1.00	0.98	1.04	0.99	1.41			3.04	2.90	3.01
wind 0.4 m/s velocity	5.56	7.94	8.50	8.76	8.76	9.14	8.50	8.67	8.17	8.59	7.45	7.87		8.39	8.79	8.47

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 18-Aug-09 time	2.58	3.59	4.58	5.58	6.56	7.54	8.54	9.55	10.55	11.58		12.70	1 / 1			
reaction time 0.143 interval		1.01	0.99	1.00	0.98	0.98	1.00	1.01	1.00	1.03	1.12			3.00	2.96	3.04
wind 0.1 m/s velocity	5.04	8.42	8.59	8.50	8.67	8.67	8.50	8.42	8.50	8.25	9.38	7.87		8.50	8.61	8.39

McLellan, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time	2.55	3.56	4.55	5.52	6.51	7.48	8.46	9.46	10.48	11.51		12.70	7 / 5			
reaction time 0.139 interval		1.01	0.99	0.97	0.99	0.97	0.98	1.00	1.02	1.03	1.19			2.97	2.94	3.05
wind 0.2 m/s velocity	5.10	8.42	8.59	8.76	8.59	8.76	8.67	8.50	8.33	8.25	8.82	7.87		8.59	8.67	8.36

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 22-Jul-16 time	2.48	3.50	4.50	5.50	6.48	7.46	8.46	9.46	10.46	11.48		12.70	2 / 6			
reaction time 0.119 interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.22			3.02	2.96	3.02
wind 0.3 m/s velocity	5.24	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.61	7.87		8.44	8.61	8.44

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 01-Sep-16 time	2.46	3.48	4.48	5.48	6.46	7.44	8.44	9.44	10.44	11.44		12.70	6 / 2			
reaction time 0.139 interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.00	1.26			3.02	2.96	3.00
wind 0.4 m/s velocity	5.28	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.50	8.33	7.87		8.44	8.61	8.50

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jun-18 time	2.53	3.56	4.56	5.53	6.50	7.46	8.46	9.43	10.43	11.46		12.70	5 / 1			
reaction time interval		1.03	1.00	0.97	0.97	0.96	1.00	0.97	1.00	1.03	1.24			3.00	2.93	3.00
wind 0.9 m/s velocity	5.14	8.25	8.50	8.76	8.76	8.85	8.50	8.76	8.50	8.25	8.47	7.87		8.50	8.70	8.50

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date 19-May-19 time	2.56	3.57	4.55	5.53	6.51	7.49	8.48	9.48	10.50	11.54		12.70	5 / 2			
reaction time 0.136 interval		1.01	0.98	0.98	0.98	0.98	0.99	1.00	1.02	1.04	1.16			2.97	2.95	3.06
wind 0.4 m/s velocity	5.08	8.42	8.67	8.67	8.67	8.67	8.59	8.50	8.33	8.17	9.05	7.87		8.59	8.64	8.33

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																		
Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps																		
date	19-May-19	time	2.55	3.58	4.58	5.57	6.54	7.52	8.50	9.48	10.50	11.54		12.70	4 / 1			
reaction time	0.178	interval		1.03	1.00	0.99	0.97	0.98	0.98	0.98	1.02	1.04	1.16			3.02	2.93	3.04
wind	0.4 m/s	velocity	5.10	8.25	8.50	8.59	8.76	8.67	8.67	8.67	8.33	8.17	9.05	7.87		8.44	8.70	8.39

Brooks, Taliyah (USA) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
Henson (2021) - Athlete First: 2021 year end hurdle report																		
date	20-Jun-21	time	2.46	3.48	4.46	5.43	6.40	7.40	8.38	9.38	10.38	11.46		12.70	5 / 6			
reaction time	0.156	interval	7 steps	1.02	0.98	0.97	0.97	1.00	0.98	1.00	1.00	1.08	1.24			2.97	2.95	3.08
wind	1.2 m/s	velocity	5.28	8.33	8.67	8.76	8.76	8.50	8.67	8.50	8.50	7.87	8.10	7.87		8.59	8.64	8.28

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 4 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	23-Jul-22	time	2.46	3.50	4.50	5.50	6.50	7.46	8.44	9.46	10.46	11.50		12.70	7 / 1			
reaction time	0.131	interval		1.04	1.00	1.00	1.00	0.96	0.98	1.02	1.00	1.04	1.20			3.04	2.94	3.06
wind	0.7 m/s	velocity	5.28	8.17	8.50	8.50	8.50	8.85	8.67	8.33	8.50	8.17	8.38	7.87		8.39	8.67	8.33

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																		
Henson (2022) - Athlete First: 2022 year end hurdle report																		
date	24-Jul-22	time	2.52	3.52	4.50	5.48	6.48	7.48	8.45	9.45	10.48	11.53		12.70	2 / 6			
reaction time	0.134	interval		1.00	0.98	0.98	1.00	1.00	0.97	1.00	1.03	1.05	1.17	**PB**		2.96	2.97	3.08
wind	0.9 m/s	velocity	5.16	8.50	8.67	8.67	8.50	8.50	8.76	8.50	8.25	8.10	8.59	7.87		8.61	8.59	8.28

Armstrong, Alia (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis)																		
Henson (2023) - Athlete First: 2023 year end hurdle report																		
date	08-Jul-23	time	2.53	3.55	4.53	5.50	6.47	7.45	8.42	9.42	10.44	11.49		12.70	1 / 7			
reaction time		interval		1.02	0.98	0.97	0.97	0.98	0.97	1.00	1.02	1.05	1.21			2.97	2.92	3.07
wind	0.4 m/s	velocity	5.14	8.33	8.67	8.76	8.76	8.67	8.76	8.50	8.33	8.10	8.31	7.87		8.59	8.73	8.31

Stark, Grace (USA) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 USATF National Championships (Eugene, OR) (TV Analysis)																		
Henson (2023) - Athlete First: 2023 year end hurdle report																		
date	08-Jul-23	time	2.57	3.59	4.58	5.57	6.56	7.54	8.53	9.52	10.53	11.56		12.70	8 / 8			
reaction time		interval		1.02	0.99	0.99	0.99	0.98	0.99	0.99	1.01	1.03	1.14			3.00	2.96	3.03
wind	0.4 m/s	velocity	5.06	8.33	8.59	8.59	8.59	8.67	8.59	8.59	8.42	8.25	8.82	7.87		8.50	8.61	8.42

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 World Athletics Championships (Budapest, HUN)																		
Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season																		
date	24-Aug-23	time	2.58	3.60	4.60	5.59	6.57	7.56	8.55	9.57	10.57	11.59		12.70	9 / 7			
reaction time	0.140	interval		1.02	1.00	0.99	0.98	0.99	0.99	1.02	1.00	1.02	1.11			3.01	2.96	3.04
wind	-0.2 m/s	velocity	5.04	8.33	8.50	8.59	8.67	8.59	8.59	8.33	8.50	8.33	9.05	7.87		8.47	8.61	8.39

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)																		
Omega Timing (2024) - diamond league race analysis																		
date	20-Apr-24	time	2.48	3.51	4.53	5.51	6.50	7.47	8.45	9.43	10.42	11.44		12.70	2 / 7			
reaction time	0.152	interval		1.03	1.02	0.98	0.99	0.97	0.98	0.98	0.99	1.02	1.26			3.03	2.94	2.99
wind	-0.2 m/s	velocity	5.24	8.25	8.33	8.67	8.59	8.76	8.67	8.67	8.59	8.33	7.98	7.87		8.42	8.67	8.53

Harrison, Kendra (Keni) (USA) (1992			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)																		
Omega Timing (2024) - diamond league race analysis																		
date	30-Aug-24	time	2.48	3.53	4.50	5.49	6.45	7.43	8.41	9.40	10.40	11.43		12.70	9 / 6			
reaction time	0.161	interval		1.05	0.97	0.99	0.96	0.98	0.98	0.99	1.00	1.03	1.27			3.01	2.92	3.02
wind	-0.4 m/s	velocity	5.24	8.10	8.76	8.59	8.85	8.67	8.67	8.59	8.50	8.25	7.91	7.87		8.47	8.73	8.44

Marshall, Tonea (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)																		
Omega Timing (2025) - diamond league race analysis																		
date	03-May-25	time	2.43	3.49	4.51	5.50	6.49	7.48	8.47	9.46	10.46	11.46		12.70	1 / 5			
reaction time	0.149	interval		1.06	1.02	0.99	0.99	0.99	0.99	0.99	1.00	1.00	1.24			3.07	2.97	2.99
wind	0.3 m/s	velocity	5.35	8.02	8.33	8.59	8.59	8.59	8.59	8.59	8.50	8.50	8.10	7.87		8.31	8.59	8.53

Felicien, Perdita (CAN) (1980)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2009 Athletissima (Lausanne, SUI)																		
Winckler (2009) - UK Athletics- National Coaching Conference																		
date	07-Jul-09	time	2.25	3.26	4.28	5.26	6.20	7.20	8.19	9.18	10.22	11.22		12.71	/ 5			
reaction time	0.170	interval		1.01	1.02	0.98	0.94	1.00	0.99	0.99	1.04	1.00	1.49			3.01	2.93	3.03
wind	0.3 m/s	velocity	5.78	8.42	8.33	8.67	9.04	8.50	8.59	8.59	8.17	8.50	7.05	7.87		8.47	8.70	8.42

Cherry, Damu (USA) (1977)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2009 IAAF World Championships (Berlin, GER)																		
Graubner (2009) - biomechanical analyses at the 12th IAAF world championships																		
date	18-Aug-09	time	2.69	3.72	4.71	5.70	6.67	7.65	8.64	9.65	10.66	11.67		12.71	4 / 1			
reaction time	0.185	interval		1.03	0.99	0.99	0.97	0.98	0.99	1.01	1.01	1.01	1.04			3.01	2.94	3.03
wind	-0.3 m/s	velocity	4.83	8.25	8.59	8.59	8.76	8.67	8.59	8.42	8.42	8.42	10.10	7.87		8.47	8.67	8.42

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 25-Aug-16	time	2.54	3.56	4.56	5.56	6.54	7.52	8.52	9.52	10.52	11.52		12.71	8 / 2			
reaction time 0.145	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.00	1.19			3.02	2.96	3.00
wind 0.7 m/s	velocity	5.12	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.50	8.82	7.87		8.44	8.61	8.50

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17	time	2.38	3.42	4.43	5.42	6.40	7.35	8.33	9.33	10.35	11.41		12.71	5 / 1			
reaction time 0.149	interval		1.04	1.01	0.99	0.98	0.95	0.98	1.00	1.02	1.06	1.30			3.04	2.91	3.08
wind 0.5 m/s	velocity	5.46	8.17	8.42	8.59	8.67	8.95	8.67	8.50	8.33	8.02	8.08	7.87		8.39	8.76	8.28

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17	time	2.48	3.52	4.53	5.51	6.48	7.47	8.46	9.44	10.42	11.45		12.71	4 / 2			
reaction time 0.156	interval		1.04	1.01	0.98	0.97	0.99	0.99	0.98	0.98	1.03	1.26			3.03	2.95	2.99
wind 0.2 m/s	velocity	5.24	8.17	8.42	8.67	8.76	8.59	8.59	8.67	8.67	8.25	8.33	7.87		8.42	8.64	8.53

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 12-May-18	time	2.50	3.52	4.52	5.50	6.48	7.46	8.46	9.46	10.46	11.50		12.71	7 / 4			
reaction time 0.150	interval		1.02	1.00	0.98	0.98	0.98	1.00	1.00	1.00	1.04	1.21			3.00	2.96	3.04
wind 0.9 m/s	velocity	5.20	8.33	8.48	8.69	8.67	8.67	8.50	8.50	8.50	8.17	8.68	7.87		8.50	8.61	8.39

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 07-Jun-18	time	2.52	3.56	4.58	5.56	6.52	7.50	8.50	9.50	10.48	11.50		12.71	7 / 3			
reaction time 0.155	interval		1.04	1.02	0.98	0.96	0.98	1.00	1.00	0.98	1.02	1.21			3.04	2.94	3.00
wind 1.1 m/s	velocity	5.16	8.17	8.33	8.67	8.85	8.67	8.50	8.50	8.67	8.33	8.68	7.87		8.39	8.67	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 10-Jun-18	time	2.54	3.56	4.54	5.52	6.48	7.46	8.46	9.42	10.46	11.50		12.71	1 / 4			
reaction time 0.135	interval		1.02	0.98	0.98	0.96	0.98	1.00	0.96	1.04	1.04	1.21	NR PB		2.98	2.94	3.04
wind 1.3 m/s	velocity	5.12	8.33	8.67	8.67	8.85	8.67	8.50	8.85	8.17	8.17	8.68	7.87		8.56	8.67	8.39

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jul-18	time	2.48	3.52	4.48	5.48	6.48	7.44	8.44	9.44	10.48	11.50		12.71	6 / 3			
reaction time	interval		1.04	0.96	1.00	1.00	0.96	1.00	1.00	1.04	1.02	1.21			3.00	2.96	3.06
wind 0.9 m/s	velocity	5.24	8.17	8.85	8.50	8.50	8.85	8.50	8.50	8.17	8.33	8.68	7.87		8.50	8.61	8.33

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 12-Jul-19	time	2.48	3.52	4.52	5.52	6.52	7.50	8.50	9.50	10.52	11.58		12.71	5 / 4			
reaction time 0.184	interval		1.04	1.00	1.00	1.00	0.98	1.00	1.00	1.02	1.06	1.13			3.04	2.98	3.08
wind 0.1 m/s	velocity	5.24	8.17	8.50	8.50	8.50	8.67	8.50	8.50	8.33	8.02	9.29	7.87		8.39	8.56	8.28

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 18-Aug-19	time	2.53	3.57	4.57	5.54	6.50	7.47	8.44	9.45	10.45	11.47		12.71	4 / 3			
reaction time 0.167	interval		1.04	1.00	0.97	0.96	0.97	0.97	1.01	1.00	1.02	1.24			3.01	2.90	3.03
wind -0.2 m/s	velocity	5.14	8.17	8.50	8.76	8.85	8.76	8.76	8.42	8.50	8.33	8.47	7.87		8.47	8.79	8.42

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 19-Aug-20	time	2.47	3.50	4.50	5.47	6.44	7.44	8.44	9.44	10.44	11.44		12.71	6 / 2			
reaction time 0.168	interval		1.03	1.00	0.97	0.97	1.00	1.00	1.00	1.00	1.00	1.27	NR PB		3.00	2.97	3.00
wind -0.2 m/s	velocity	5.26	8.25	8.50	8.76	8.76	8.50	8.50	8.50	8.50	8.50	7.91	7.87		8.50	8.59	8.50

Brissett, Chanel (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21	time	2.47	3.50	4.53	5.53	6.50	7.47	8.47	9.45	10.45	11.50		12.71	8 / 6			
reaction time 0.192	interval		1.03	1.03	1.00	0.97	0.97	1.00	0.98	1.00	1.05	1.21			3.06	2.94	3.03
wind 1.3 m/s	velocity	5.26	8.25	8.25	8.50	8.76	8.76	8.50	8.67	8.50	8.10	8.31	7.87		8.33	8.67	8.42

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21	time	2.57	3.57	4.57	5.57	6.58	7.59	8.57	9.56	10.57	11.62		12.71	6 / 1			
reaction time 0.157	interval		1.00	1.00	1.00	1.01	1.01	0.98	0.99	1.01	1.05	1.09			3.00	3.00	3.05
wind 1.0 m/s	velocity	5.06	8.50	8.50	8.50	8.42	8.42	8.67	8.59	8.42	8.10	9.22	7.87		8.50	8.50	8.36

Clay, Liz (AUS) (1995)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.52	3.52	4.55	5.53	6.52	7.51	8.49	9.49	10.49	11.52		12.71	6 / 3		
reaction time	0.142	interval		1.00	1.03	0.98	0.99	0.99	0.98	1.00	1.00	1.03	1.19	PB		3.01	2.96	3.03
wind	0.0 m/s	velocity	5.16	8.50	8.25	8.67	8.59	8.59	8.67	8.50	8.50	8.25	8.45	7.87		8.47	8.61	8.42

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.62	3.64	4.62	5.58	6.54	7.50	8.49	9.48	10.50	11.51		12.71	9 / 5		
reaction time	0.129	interval		1.02	0.98	0.96	0.96	0.96	0.99	0.99	1.02	1.01	1.20			2.96	2.91	3.02
wind	-0.2 m/s	velocity	4.96	8.33	8.67	8.85	8.85	8.85	8.59	8.59	8.33	8.42	8.37	7.87		8.61	8.76	8.44

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	09-Sep-21	time	2.54	3.56	4.54	5.52	6.50	7.50	8.48	9.46	10.48	11.52		12.71	6 / 5		
reaction time	0.161	interval		1.02	0.98	0.98	0.98	1.00	0.98	0.98	1.02	1.04	1.19			2.98	2.96	3.04
wind	0.4 m/s	velocity	5.12	8.33	8.67	8.67	8.67	8.50	8.67	8.67	8.33	8.17	8.45	7.87		8.56	8.61	8.39

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	28-May-22	time	2.48	3.50	4.50	5.48	6.48	7.46	8.44	9.46	10.48	11.51		12.71	3 / 5		
reaction time	0.139	interval		1.02	1.00	0.98	1.00	0.98	0.98	1.02	1.02	1.03	1.20			3.00	2.96	3.07
wind	-0.7 m/s	velocity	5.24	8.33	8.50	8.67	8.50	8.67	8.67	8.33	8.33	8.25	8.37	7.87		8.50	8.61	8.31

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	09-Jun-22	time	2.49	3.50	4.50	5.48	6.46	7.45	8.44	9.43	10.43	11.47		12.71	6 / 3		
reaction time	0.153	interval		1.01	1.00	0.98	0.98	0.99	0.99	0.99	1.00	1.04	1.24			2.99	2.96	3.03
wind	0.1 m/s	velocity	5.22	8.42	8.50	8.67	8.67	8.59	8.59	8.59	8.50	8.17	8.10	7.87		8.53	8.61	8.42

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 FBK Games (Hengelo, NED) *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	2.39	3.43	4.42	5.40	6.38	7.36	8.35	9.35	10.36	11.41		12.71	4 / 2		
reaction time	0.133	interval		1.04	0.99	0.98	0.98	0.98	0.99	1.00	1.01	1.05	1.30			3.01	2.95	3.06
wind	0.2 m/s	velocity	5.44	8.17	8.59	8.67	8.67	8.67	8.59	8.50	8.42	8.10	7.73	7.87		8.47	8.64	8.33

Bonds, Talie (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	10-Jun-23	time	2.50	3.50	4.52	5.49	6.49	7.47	8.45	9.47	10.49	11.53		12.71	7 / 4		
reaction time		interval		1.00	1.02	0.97	1.00	0.98	0.98	1.02	1.02	1.04	1.18			2.99	2.96	3.08
wind	3.8 m/s	velocity	5.20	8.50	8.33	8.76	8.50	8.67	8.67	8.33	8.33	8.17	8.52	7.87		8.53	8.61	8.28

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	24-Jun-23	time	2.53	3.57	4.57	5.57	6.54	7.52	8.50	9.50	10.51	11.52		12.71	1 / 6		
reaction time	0.506	interval		1.04	1.00	1.00	0.97	0.98	0.98	1.00	1.01	1.01	1.19			3.04	2.93	3.02
wind	2.8 m/s	velocity	5.14	8.17	8.50	8.50	8.76	8.67	8.67	8.50	8.42	8.42	8.45	7.87		8.39	8.70	8.44

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.50	3.53	4.55	5.53	6.48	7.46	8.45	9.46	10.48	11.53		12.71	9 / 4		
reaction time	0.144	interval		1.03	1.02	0.98	0.95	0.98	0.99	1.01	1.02	1.05	1.18			3.03	2.92	3.08
wind	0.1 m/s	velocity	5.20	8.25	8.33	8.67	8.95	8.67	8.59	8.42	8.33	8.10	8.52	7.87		8.42	8.73	8.28

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.56	3.57	4.58	5.56	6.56	7.55	8.53	9.53	10.53	11.56		12.71	2 / 3		
reaction time	0.164	interval		1.01	1.01	0.98	1.00	0.99	0.98	1.00	1.00	1.03	1.15			3.00	2.97	3.03
wind	0.0 m/s	velocity	5.08	8.42	8.42	8.67	8.50	8.59	8.67	8.50	8.50	8.25	8.74	7.87		8.50	8.59	8.42

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.58	3.62	4.61	5.61	6.58	7.58	8.56	9.54	10.55	11.58		12.71	6 / 3		
reaction time	0.149	interval		1.04	0.99	1.00	0.97	1.00	0.98	0.98	1.01	1.03	1.13			3.03	2.95	3.02
wind	0.0 m/s	velocity	5.04	8.17	8.59	8.50	8.76	8.50	8.67	8.67	8.42	8.25	8.89	7.87		8.42	8.64	8.44

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.55	3.55	4.55	5.56	6.54	7.52	8.50	9.52	10.53	11.56		12.71	2 / 3		
reaction time	0.145	interval		1.00	1.00	1.01	0.98	0.98	0.98	1.02	1.01	1.03	1.15			3.01	2.94	3.06
wind	0.0 m/s	velocity	5.10	8.50	8.50	8.42	8.67	8.67	8.67	8.33	8.42	8.25	8.74	7.87		8.47	8.67	8.33

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	22-Aug-23	time	2.53	3.55	4.53	5.52	6.51	7.48	8.48	9.47	10.48	11.52		12.71	5 / 3		
reaction time	0.156	interval		1.02	0.98	0.99	0.99	0.97	1.00	0.99	1.01	1.04	1.19			2.99	2.96	3.04
wind	0.4 m/s	velocity	5.14	8.33	8.67	8.59	8.59	8.76	8.50	8.59	8.42	8.17	8.45	7.87		8.53	8.61	8.39

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.53	3.54	4.55	5.50	6.48	7.45	8.42	9.39	10.41	11.48		12.71	7 / 4		
reaction time	0.136	interval		1.01	1.01	0.95	0.98	0.97	0.97	0.97	1.02	1.07	1.23			2.97	2.92	3.06
wind	-0.4 m/s	velocity	5.14	8.42	8.42	8.95	8.67	8.76	8.76	8.76	8.33	7.94	8.17	7.87		8.59	8.73	8.33

McLaughlin-Levron, Sydney (USA) (

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Oxy Invitaitonal (Eagle Rock, CA) (TV Analysis) Henson (2024) Athlete First: 2024 Sydney McLaughlin-Levrone 400m Hurdles World Record Season

date	04-May-24	time	2.55	3.58	4.58	5.56	6.53	7.53	8.51	9.52	10.53	11.53		12.71	4 / 1		
reaction time		interval	7 steps	1.03	1.00	0.98	0.97	1.00	0.98	1.01	1.01	1.00	1.18			3.01	2.95	3.02
wind	-0.4 m/s	velocity	5.10	8.25	8.50	8.67	8.76	8.50	8.67	8.42	8.42	8.50	8.52	7.87		8.47	8.64	8.44

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.41	3.46	4.47	5.46	6.44	7.42	8.39	9.40	10.40	11.44		12.71	2 / 2		
reaction time	0.155	interval		1.05	1.01	0.99	0.98	0.98	0.97	1.01	1.00	1.04	1.27			3.05	2.93	3.05
wind	-0.6 m/s	velocity	5.39	8.10	8.42	8.59	8.67	8.67	8.76	8.42	8.50	8.17	7.91	7.87		8.36	8.70	8.36

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Memorial van damme (Brussels, BEL) *Omega Timing (2024) - diamond league race analysis*

date	14-Sep-24	time	2.51	3.54	4.54	5.53	6.52	7.51	8.49	9.49	10.51	11.54		12.71	1 / 6		
reaction time	0.128	interval		1.03	1.00	0.99	0.99	0.99	0.98	1.00	1.02	1.03	1.17			3.02	2.96	3.05
wind	0.4 m/s	velocity	5.18	8.25	8.50	8.59	8.59	8.59	8.67	8.50	8.33	8.25	8.59	7.87		8.44	8.61	8.36

Korshunova, Nadezhda (URS) (1961

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1984 USSR National Championships (Kiev, URS) *Breiser (1985) - over the hurdles with vera akimova and nadezdha korshunova*

date	22-Jun-84	time	2.54	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.64	11.70		12.72	/ 2		
reaction time	0.170	interval		1.06	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.06	1.02			3.06	3.00	3.10
wind	-0.5 m/s	velocity	5.12	8.02	8.50	8.50	8.50	8.50	8.50	8.50	8.17	8.02	10.29	7.86		8.33	8.50	8.23

Elloy, Laurence (FRA) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1985 Internationales Sportfest (Fürth, FRG) *Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*

date	17-Jun-85	time	2.43	3.51	4.43	5.41	6.38	7.33	8.29	9.20	10.27	11.30		12.72	/ 2		
reaction time		interval		1.08	0.92	0.98	0.97	0.95	0.96	0.91	1.07	1.03	1.42			2.98	2.88	3.01
wind	2.8 m/s	velocity	5.35	7.87	9.24	8.67	8.76	8.95	8.85	9.34	7.94	8.25	7.39	7.86		8.56	8.85	8.47

Koroteyeva, Mariya (RUS) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2004 Olympic Games (Athens, GRE) *Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*

date	24-Aug-04	time	2.61	3.64	4.63	5.64	6.61	7.57	8.56	9.57	10.58	11.61		12.72	8 / 4		
reaction time	0.195	interval		1.03	0.99	1.01	0.97	0.96	0.99	1.01	1.01	1.03	1.11			3.03	2.92	3.05
wind	0.3 m/s	velocity	4.98	8.25	8.59	8.42	8.76	8.85	8.59	8.42	8.42	8.25	9.46	7.86		8.42	8.73	8.36

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 USATF National Championships (Indianapolis, IN) *USATF Men's Hurdle Development (2007)*

date	23-Jun-07	time	2.59	3.62	4.62	5.61	6.51	7.59	8.59	9.58	10.61	11.63		12.72	/ 2		
reaction time		interval		1.03	1.00	0.99	0.90	1.08	1.00	0.99	1.03	1.02	1.09			3.02	2.98	3.04
wind	-1.3 m/s	velocity	5.02	8.25	8.50	8.59	9.44	7.87	8.50	8.59	8.25	8.33	9.63	7.86		8.44	8.56	8.39

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2007 IAAF World Championships (Osaka, JPN) *Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*

date	27-Aug-07	time	2.57	3.59	4.59	5.59	6.57	7.55	8.55	9.55	10.55	11.62		12.72	5 / 1		
reaction time	0.129	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.07	1.10			3.02	2.96	3.07
wind	0.2 m/s	velocity	5.06	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	7.94	9.55	7.86		8.44	8.61	8.31

Ennis-London, Delloreen (JAM) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time	2.60	3.63	4.64	5.62	6.60	7.57	8.56	9.56	10.56	11.59		12.72	3 / 3		
reaction time	0.159	interval		1.03	1.01	0.98	0.98	0.97	0.99	1.00	1.00	1.03	1.13			3.02	2.94	3.03
wind	-0.3 m/s	velocity	5.00	8.25	8.42	8.67	8.67	8.76	8.59	8.50	8.50	8.25	9.29	7.86		8.44	8.67	8.42

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Olympic Games (Beijing, CHN) *Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*

date	19-Aug-08	time	2.57	3.53	4.50	5.44	6.44	7.38	8.34	9.32	10.37	11.46		12.72	4 / 7		
reaction time	0.185	interval		0.96	0.97	0.94	1.00	0.94	0.96	0.98	1.05	1.09	1.26			2.87	2.90	3.12
wind	0.1 m/s	velocity	5.06	8.85	8.76	9.04	8.50	9.04	8.85	8.67	8.10	7.80	8.33	7.86		8.89	8.79	8.17

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	28-May-16	time	2.48	3.48	4.46	5.46	6.44	7.42	8.42	9.42	10.44	11.46		12.72	1 / 4		

reaction time		interval		1.00	0.98	1.00	0.98	0.98	1.00	1.00	1.02	1.02	1.26			2.98	2.96	3.04
wind	0.7 m/s	velocity	5.24	8.50	8.67	8.50	8.67	8.67	8.50	8.50	8.33	8.33	8.33	7.86		8.56	8.61	8.39

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 IAAF World Championships (London, GBR)																
Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles																
date 12-Aug-17	time	2.46	3.51	4.50	5.48	6.45	7.43	8.42	9.44	10.44	11.47		12.72	5 / 3			
reaction time 0.143	interval		1.05	0.99	0.98	0.97	0.98	0.99	1.02	1.00	1.03	1.25			3.02	2.94	3.05
wind 0.1 m/s	velocity	5.28	8.10	8.59	8.67	8.76	8.67	8.59	8.33	8.50	8.25	8.40	7.86		8.44	8.67	8.36

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)																
Henson (2020) - Athlete First: 2018 year end hurdle report																
date 13-Jul-18	time	2.44	3.46	4.46	5.44	6.40	7.38	8.36	9.38	10.40	11.44		12.72	3 / 3			
reaction time 0.151	interval		1.02	1.00	0.98	0.96	0.98	0.98	1.02	1.02	1.04	1.28			3.00	2.92	3.08
wind 0.1 m/s	velocity	5.33	8.33	8.50	8.67	8.85	8.67	8.67	8.33	8.33	8.17	8.20	7.86		8.50	8.73	8.28

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																
Henson (2024) - Athlete First: 2021 year end hurdle report																
date 31-Jul-21	time	2.57	3.57	4.57	5.57	6.59	7.61	8.59	9.58	10.59	11.63		12.72	9 / 2			
reaction time 0.144	interval		1.00	1.00	1.00	1.02	1.02	0.98	0.99	1.01	1.04	1.09			3.00	3.02	3.04
wind 1.0 m/s	velocity	5.06	8.50	8.50	8.50	8.33	8.33	8.67	8.59	8.42	8.17	9.22	7.86		8.50	8.44	8.39

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																
Henson (2024) - Athlete First: 2021 year end hurdle report																
date 31-Jul-21	time	2.57	3.61	4.59	5.57	6.54	7.49	8.49	9.49	10.49	11.57		12.72	4 / 1			
reaction time 0.134	interval		1.04	0.98	0.98	0.97	0.95	1.00	1.00	1.00	1.08	1.15			3.00	2.92	3.08
wind 0.4 m/s	velocity	5.06	8.17	8.67	8.67	8.76	8.95	8.50	8.50	8.50	7.87	8.74	7.86		8.50	8.73	8.28

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
University FINAL - 2022 Texas Relays (Austin, TX) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 26-Mar-22	time	2.50	3.53	4.53	5.50	6.47	7.43	8.40	9.40	10.43	11.46		12.72	6 / 3			
reaction time	interval		1.03	1.00	0.97	0.97	0.96	0.97	1.00	1.03	1.03	1.26			3.00	2.90	3.06
wind 2.5 m/s	velocity	5.20	8.25	8.50	8.76	8.76	8.85	8.76	8.50	8.25	8.25	7.98	7.86		8.50	8.79	8.33

Samba-Mayela, Cyrena (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 13-May-22	time	2.53	3.56	4.53	5.50	6.47	7.44	8.42	9.44	10.50	11.51		12.72	5 / 5			
reaction time 0.169	interval		1.03	0.97	0.97	0.97	0.97	0.98	1.02	1.06	1.01	1.21			2.97	2.92	3.09
wind 3.8 m/s	velocity	5.14	8.25	8.76	8.76	8.76	8.76	8.67	8.33	8.02	8.42	8.31	7.86		8.59	8.73	8.25

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis)																
Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season																
date 14-Jun-22	time	2.56	3.60	4.56	5.56	6.52	7.50	8.48	9.48	10.50	11.54		12.72	5 / 3			
reaction time 0.167	interval		1.04	0.96	1.00	0.96	0.98	0.98	1.00	1.02	1.04	1.18			3.00	2.92	3.06
wind 0.2 m/s	velocity	5.08	8.17	8.85	8.50	8.85	8.67	8.67	8.50	8.33	8.17	8.52	7.86		8.50	8.73	8.33

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date 08-Sep-22	time	2.47	3.50	4.47	5.45	6.41	7.39	8.37	9.35	10.37	11.41		12.72	9 / 7			
reaction time 0.162	interval		1.03	0.97	0.98	0.96	0.98	0.98	0.98	1.02	1.04	1.31			2.98	2.92	3.04
wind -0.3 m/s	velocity	5.26	8.25	8.76	8.67	8.85	8.67	8.67	8.67	8.33	8.17	7.67	7.86		8.56	8.73	8.39

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)																
Henson (2023) - Athlete First: 2023 year end hurdle report																
date 10-Jun-23	time	2.50	3.52	4.54	5.50	6.52	7.52	8.50	9.49	10.51	11.53		12.72	2 / 5			
reaction time	interval		1.02	1.02	0.96	1.02	1.00	0.98	0.99	1.02	1.02	1.19			3.00	3.00	3.03
wind 3.8 m/s	velocity	5.20	8.33	8.33	8.85	8.33	8.50	8.67	8.59	8.33	8.33	8.45	7.86		8.50	8.50	8.42

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)																
Henson (2024) - Athlete First: 2024 year end hurdle report																
date 08-Jun-24	time	2.57	3.63	4.63	5.57	6.53	7.50	8.48	9.47	10.48	11.53		12.72	3 / 5			
reaction time 0.150	interval		1.06	1.00	0.94	0.96	0.97	0.98	0.99	1.01	1.05	1.19			3.00	2.91	3.05
wind 0.8 m/s	velocity	5.06	8.02	8.50	9.04	8.85	8.76	8.67	8.59	8.42	8.10	8.45	7.86		8.50	8.76	8.36

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Olympic Games (Paris, FRA)																
Paris 2024 Olympic Games - Results Book (2024)																
date 07-Aug-24	time	2.47	3.51	4.50	5.46	6.43	7.40	8.39	9.41	10.43	11.46		12.72	9 / 2			
reaction time 0.155	interval		1.04	0.99	0.96	0.97	0.97	0.99	1.02	1.02	1.03	1.26			2.99	2.93	3.07
wind 0.0 m/s	velocity	5.26	8.17	8.59	8.85	8.76	8.76	8.59	8.33	8.33	8.25	7.98	7.86		8.53	8.70	8.31

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2024 Olympic Games (Paris, FRA)																
Paris 2024 Olympic Games - Results Book (2024)																
date 07-Aug-24	time	2.43	3.46	4.45	5.45	6.48	7.48	8.48	9.48	10.48	11.49		12.72	9 / 3			
reaction time 0.172	interval		1.03	0.99	1.00	1.03	1.00	1.00	1.00	1.00	1.01	1.23			3.02	3.03	3.01

wind	-0.6 m/s	velocity	5.35	8.25	8.59	8.50	8.25	8.50	8.50	8.50	8.50	8.42	8.17	7.86		8.44	8.42	8.47

Alozie, Glory (ESP) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02 time	2.62	3.68	4.68	5.67	6.66	7.64	8.64	9.65	10.66	11.65		12.73	/ 1			
reaction time 0.143 interval		1.06	1.00	0.99	0.99	0.98	1.00	1.01	1.01	0.99	1.08			3.05	2.97	3.01
wind -0.7 m/s velocity	4.96	8.02	8.50	8.59	8.59	8.67	8.50	8.42	8.42	8.59	9.72	7.86		8.36	8.59	8.47

Golding-Clarke, Lacena (JAM) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Olympic Games (Athens, GRE)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 24-Aug-04 time	2.54	3.54	4.53	5.49	6.48	7.45	8.45	9.45	10.49	11.54		12.73	2 / 5			
reaction time 0.195 interval		1.00	0.99	0.96	0.99	0.97	1.00	1.00	1.04	1.05	1.19			2.95	2.96	3.09
wind 0.3 m/s velocity	5.12	8.50	8.59	8.85	8.59	8.76	8.50	8.50	8.17	8.10	8.82	7.86		8.64	8.61	8.25

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2007 IAAF World Athletic Championships (Osaka, JPN)													*Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*			
date 27-Aug-07 time	2.65	3.67	4.67	5.64	6.61	7.58	8.60	9.62	10.62	11.67		12.73	8 / 1			
reaction time 0.143 interval		1.02	1.00	0.97	0.97	0.97	1.02	1.02	1.00	1.05	1.06			2.99	2.96	3.07
wind -0.8 m/s velocity	4.91	8.33	8.50	8.76	8.76	8.76	8.33	8.33	8.50	8.10	9.91	7.86		8.53	8.61	8.31

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 18-Aug-09 time	2.62	3.64	4.66	5.65	6.63	7.62	8.60	9.60	10.59	11.62		12.73	3 / 2			
reaction time 0.159 interval		1.02	1.02	0.99	0.98	0.99	0.98	1.00	0.99	1.03	1.11			3.03	2.95	3.02
wind 0.1 m/s velocity	4.96	8.33	8.33	8.59	8.67	8.59	8.67	8.50	8.59	8.25	9.46	7.86		8.42	8.64	8.44

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time	2.58	3.60	4.58	5.55	6.51	7.49	8.49	9.52	10.56	11.60		12.73	6 / 3			
reaction time 0.138 interval		1.02	0.98	0.97	0.96	0.98	1.00	1.03	1.04	1.04	1.13			2.97	2.94	3.11
wind -0.1 m/s velocity	5.04	8.33	8.67	8.76	8.85	8.67	8.50	8.25	8.17	8.17	9.29	7.86		8.59	8.67	8.20

O'Rourke, Derval (IRL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time	2.60	3.60	4.60	5.59	6.57	7.55	8.55	9.58	10.60	11.65		12.73	5 / 3			
reaction time 0.148 interval		1.00	1.00	0.99	0.98	0.98	1.00	1.03	1.02	1.05	1.08			2.99	2.96	3.10
wind 0.3 m/s velocity	5.00	8.50	8.50	8.59	8.67	8.67	8.50	8.25	8.33	8.10	9.72	7.86		8.53	8.61	8.23

Wells, Kellie (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2011 IAAF World Championships (Daegu, KOR)													*KSSB (2011) - biomechanical analysis of women's 100m hurdle*			
date 02-Sep-11 time	2.60	3.64	4.62	5.59	6.59	7.57	8.55	9.54	10.56	11.58		12.73	2 / 1			
reaction time 0.182 interval		1.04	0.98	0.97	1.00	0.98	0.98	0.99	1.02	1.02	1.15			2.99	2.96	3.03
wind 1.0 m/s velocity	5.00	8.17	8.67	8.76	8.50	8.67	8.67	8.59	8.33	8.33	9.13	7.86		8.53	8.61	8.42

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13 time	2.52	3.54	4.54	5.52	6.50	7.50	8.50	9.50	10.50	11.52		12.73	2 / 5			
reaction time 0.174 interval		1.02	1.00	0.98	0.98	1.00	1.00	1.00	1.00	1.02	1.21			3.00	2.98	3.02
wind -0.6 m/s velocity	5.16	8.33	8.50	8.67	8.67	8.50	8.50	8.50	8.50	8.33	8.68	7.86		8.50	8.56	8.44

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 01-Sep-16 time	2.48	3.48	4.52	5.50	6.50	7.48	8.46	9.44	10.44	11.48		12.73	7 / 3			
reaction time 0.148 interval		1.00	1.04	0.98	1.00	0.98	0.98	0.98	1.00	1.04	1.25			3.02	2.96	3.02
wind 0.4 m/s velocity	5.24	8.50	8.17	8.67	8.50	8.67	8.67	8.67	8.50	8.17	8.40	7.86		8.44	8.61	8.44

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 15-Jun-17 time	2.54	3.54	4.56	5.54	6.52	7.50	8.54	9.52	10.52	11.54		12.73	4 / 1			
reaction time 0.127 interval		1.00	1.02	0.98	0.98	0.98	1.04	0.98	1.00	1.02	1.19			3.00	3.00	3.00
wind 0.8 m/s velocity	5.12	8.50	8.33	8.67	8.67	8.67	8.17	8.67	8.50	8.33	8.82	7.86		8.50	8.50	8.50

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 24-Aug-17 time	2.50	3.56	4.58	5.56	6.56	7.56	8.54	9.54	10.54	11.56		12.73	8 / 4			
reaction time 0.116 interval		1.06	1.02	0.98	1.00	1.00	0.98	1.00	1.00	1.02	1.17			3.06	2.98	3.02
wind -0.3 m/s velocity	5.20	8.02	8.33	8.67	8.50	8.50	8.67	8.50	8.50	8.33	8.97	7.86		8.33	8.56	8.44

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 22-Jul-18 time	2.52	3.52	4.50	5.48	6.46	7.44	8.44	9.44	10.46	11.52		12.73	2 / 8			
reaction time 0.172 interval		1.00	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.06	1.21			2.96	2.96	3.08
wind 0.6 m/s velocity	5.16	8.50	8.67	8.67	8.67	8.67	8.50	8.50	8.33	8.02	8.68	7.86		8.61	8.61	8.28

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 03-May-19 time	2.48	3.50	4.50	5.48	6.46	7.44	8.42	9.42	10.46	11.50		12.73	2 / 2			
reaction time 0.147 interval		1.02	1.00	0.98	0.98	0.98	0.98	1.00	1.04	1.04	1.23			3.00	2.94	3.08
wind 0.9 m/s velocity	5.24	8.33	8.50	8.67	8.67	8.67	8.67	8.50	8.17	8.17	8.54	7.86		8.50	8.67	8.28

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 20-Jul-19 time	2.48	3.52	4.52	5.52	6.48	7.44	8.44	9.44	10.48	11.52		12.73	9 / 5			
reaction time 0.153 interval		1.04	1.00	1.00	0.96	0.96	1.00	1.00	1.04	1.04	1.21			3.04	2.92	3.08
wind 0.8 m/s velocity	5.24	8.17	8.50	8.50	8.85	8.85	8.50	8.50	8.17	8.17	8.68	7.86		8.39	8.73	8.28

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 18-Aug-19 time	2.49	3.52	4.53	5.52	6.54	7.50	8.50	9.50	10.51	11.52		12.73	7 / 4			
reaction time 0.161 interval		1.03	1.01	0.99	1.02	0.96	1.00	1.00	1.01	1.01	1.21			3.03	2.98	3.02
wind -0.2 m/s velocity	5.22	8.25	8.42	8.59	8.33	8.85	8.50	8.50	8.42	8.42	8.68	7.86		8.42	8.56	8.44

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Sep-19 time	2.50	3.52	4.53	5.50	6.49	7.47	8.45	9.45	10.47	11.52		12.73	4 / 2			
reaction time 0.141 interval		1.02	1.01	0.97	0.99	0.98	0.98	1.00	1.02	1.05	1.21			3.00	2.95	3.07
wind 0.0 m/s velocity	5.20	8.33	8.42	8.76	8.59	8.67	8.67	8.50	8.33	8.10	8.68	7.86		8.50	8.64	8.31

Samba-Mayela, Cyrena (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20 time	2.46	3.49	4.46	5.47	6.48	7.50	8.49	9.46	10.48	11.48		12.73	4 / 1			
reaction time 0.297 interval		1.03	0.97	1.01	1.01	1.02	0.99	0.97	1.02	1.00	1.25	PB		3.01	3.02	2.99
wind 1.5 m/s velocity	5.28	8.25	8.76	8.42	8.42	8.33	8.59	8.76	8.33	8.50	8.04	7.86		8.47	8.44	8.53

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 02-Aug-21 time	2.50	3.52	4.50	5.48	6.46	7.44	8.44	9.44	10.46	11.54		12.73	3 / 5			
reaction time 0.152 interval		1.02	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.08	1.19			2.98	2.96	3.10
wind -0.3 m/s velocity	5.20	8.33	8.67	8.67	8.67	8.67	8.50	8.50	8.33	7.87	8.45	7.86		8.56	8.61	8.23

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 18-Jun-22 time	2.52	3.54	4.52	5.52	6.49	7.47	8.47	9.45	10.47	11.50		12.73	3 / 3			
reaction time 0.161 interval		1.02	0.98	1.00	0.97	0.98	1.00	0.98	1.02	1.03	1.23			3.00	2.95	3.03
wind -0.4 m/s velocity	5.16	8.33	8.67	8.50	8.76	8.67	8.50	8.67	8.33	8.25	8.17	7.86		8.50	8.64	8.42

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.53	3.53	4.53	5.50	6.50	7.47	8.47	9.47	10.50	11.50		12.73	2 / 2			
reaction time 0.166 interval		1.00	1.00	0.97	1.00	0.97	1.00	1.00	1.03	1.00	1.23			2.97	2.97	3.03
wind 0.5 m/s velocity	5.14	8.50	8.50	8.76	8.50	8.76	8.50	8.50	8.25	8.50	8.17	7.86		8.59	8.59	8.42

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.47	3.54	4.54	5.52	6.50	7.47	8.45	9.44	10.44	11.45		12.73	1 / 2			
reaction time 0.139 interval		1.07	1.00	0.98	0.98	0.97	0.98	0.99	1.00	1.01	1.28	PB		3.05	2.93	3.00
wind 0.9 m/s velocity	5.26	7.94	8.50	8.67	8.67	8.76	8.67	8.59	8.50	8.42	7.85	7.86		8.36	8.70	8.50

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	2.44	3.49	4.51	5.50	6.47	7.45	8.43	9.43	10.44	11.47		12.73	1 / 9			
reaction time 0.148 interval		1.05	1.02	0.99	0.97	0.98	0.98	1.00	1.01	1.03	1.26			3.06	2.93	3.04
wind 0.9 m/s velocity	5.33	8.10	8.33	8.59	8.76	8.67	8.67	8.50	8.42	8.25	7.98	7.86		8.33	8.70	8.39

Bapte, Laeticia (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)													*Omega Timing (2023) - diamond league race analysis*			
date 21-Jul-23 time	2.45	3.50	4.50	5.48	6.46	7.44	8.44	9.43	10.45	11.48		12.73	1 / 6			
reaction time 0.153 interval	7 steps	1.05	1.00	0.98	0.98	0.98	1.00	0.99	1.02	1.03	1.25	PB		3.03	2.96	3.04
wind 0.6 m/s velocity	5.31	8.10	8.50	8.67	8.67	8.67	8.50	8.59	8.33	8.25	8.04	7.86		8.42	8.61	8.39

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.53	3.57	4.57	5.55	6.53	7.51	8.51	9.49	10.51	11.54		12.73	3 / 4			
reaction time 0.142 interval		1.04	1.00	0.98	0.98	0.98	1.00	0.98	1.02	1.03	1.19			3.02	2.96	3.03
wind -0.7 m/s velocity	5.14	8.17	8.50	8.67	8.67	8.67	8.50	8.67	8.33	8.25	8.45	7.86		8.44	8.61	8.42

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23	time	2.44	3.48	4.47	5.44	6.42	7.40	8.38	9.37	10.39	11.45		12.73	2 / 6			
reaction time 0.122	interval		1.04	0.99	0.97	0.98	0.98	0.98	0.99	1.02	1.06	1.28			3.00	2.94	3.07
wind -0.2 m/s	velocity	5.33	8.17	8.59	8.76	8.67	8.67	8.67	8.59	8.33	8.02	7.85	7.86		8.50	8.67	8.31

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 10-May-24	time	2.60	3.62	4.62	5.60	6.57	7.56	8.56	9.54	10.57	11.60		12.73	2 / 5			
reaction time 0.127	interval		1.02	1.00	0.98	0.97	0.99	1.00	0.98	1.03	1.03	1.13			3.00	2.96	3.04
wind 1.7 m/s	velocity	5.00	8.33	8.50	8.67	8.76	8.59	8.50	8.67	8.25	8.25	8.89	7.86		8.50	8.61	8.39

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.48	3.52	4.52	5.51	6.49	7.47	8.46	9.46	10.47	11.48		12.73	6 / 2			
reaction time 0.153	interval		1.04	1.00	0.99	0.98	0.98	0.99	1.00	1.01	1.01	1.25			3.03	2.95	3.02
wind 0.0 m/s	velocity	5.24	8.17	8.50	8.59	8.67	8.67	8.59	8.50	8.42	8.42	8.04	7.86		8.42	8.64	8.44

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24	time	2.65	3.69	4.69	5.67	6.65	7.63	8.61	9.61	10.61	11.63		12.73	4 / 3			
reaction time	interval		1.04	1.00	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.10			3.02	2.94	3.02
wind 0.2 m/s	velocity	4.91	8.17	8.50	8.67	8.67	8.67	8.67	8.50	8.50	8.33	9.14	7.86		8.44	8.67	8.44

Rose, Dionne (JAM) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)													*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 31-Jul-96	time	2.47	3.50	4.52	5.50	6.50	7.48	8.48	9.47	10.50	11.52		12.74	2 / 5			
reaction time 0.179	interval		1.03	1.02	0.98	1.00	0.98	1.00	0.99	1.03	1.02	1.22			3.03	2.98	3.04
wind 0.2 m/s	velocity	5.26	8.25	8.33	8.67	8.50	8.67	8.50	8.59	8.25	8.33	8.61	7.85		8.42	8.56	8.39

Shishigina, Olga (KZK) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2000 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00	time	2.62	3.64	4.64	5.63	6.62	7.62	8.61	9.62	10.62	11.65		12.74	/ 3			
reaction time 0.169	interval		1.02	1.00	0.99	0.99	1.00	0.99	1.01	1.00	1.03	1.09			3.01	2.98	3.04
wind -0.2 m/s	velocity	4.96	8.33	8.50	8.59	8.59	8.50	8.59	8.42	8.50	8.25	9.63	7.85		8.47	8.56	8.39

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.52	3.57	4.57	5.57	6.56	7.54	8.53	9.53	10.53	11.55		12.74	4 / ~~5~~			
reaction time	interval		1.05	1.00	1.00	0.99	0.98	0.99	1.00	1.00	1.02	1.19	DV		3.05	2.96	3.02
wind -0.1 m/s	velocity	5.16	8.10	8.50	8.50	8.59	8.67	8.59	8.50	8.50	8.33	8.82	7.85		8.36	8.61	8.44

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2007 IAAF World Championships (Osaka, JPN)													*Shibayama (2008) - analysis of racing patterns in the men's 110m & women's 100m sprint hurdles*			
date 27-Aug-07	time	2.64	3.66	4.66	5.64	6.62	7.60	8.60	9.58	10.60	11.63		12.74	6 / 1			
reaction time 0.151	interval		1.02	1.00	0.98	0.98	0.98	1.00	0.98	1.02	1.03	1.11			3.00	2.96	3.03
wind -0.8 m/s	velocity	4.92	8.33	8.50	8.67	8.67	8.67	8.50	8.67	8.33	8.25	9.46	7.85		8.50	8.61	8.42

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 USA Olympic Trials (Eugene, OR)													*USATF Hurdle Development (2008)*			
date 06-Jul-08	time	2.56	3.58	4.58	5.55	6.55	7.54	8.52	9.50	10.51	11.59		12.74	8 / 6			
reaction time	interval		1.02	1.00	0.97	1.00	0.99	0.98	0.98	1.01	1.08	1.15			2.99	2.97	3.07
wind 3.8 m/s	velocity	5.08	8.33	8.50	8.76	8.50	8.59	8.67	8.67	8.42	7.87	9.13	7.85		8.53	8.59	8.31

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Seiko Super Grand Prix (Kawasaki, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 23-Sep-09	time	2.44	3.49	4.50	5.49	6.47	7.45	8.42	9.43	10.46	11.48		12.74	/ 1			
reaction time	interval		1.05	1.01	0.99	0.98	0.98	0.97	1.01	1.03	1.02	1.26			3.05	2.93	3.06
wind 0.3 m/s	velocity	5.33	8.10	8.42	8.59	8.67	8.67	8.76	8.42	8.25	8.33	8.33	7.85		8.36	8.70	8.33

Rollins, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 London Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 22-Jul-16	time	2.48	3.44	4.44	5.42	6.40	7.38	8.40	9.46	10.50	11.54		12.74	6 / 2			
reaction time 0.135	interval		0.96	1.00	0.98	0.98	0.98	1.02	1.06	1.04	1.04	1.20			2.94	2.98	3.14
wind 0.3 m/s	velocity	5.24	8.85	8.50	8.67	8.67	8.67	8.33	8.02	8.17	8.17	8.75	7.85		8.67	8.56	8.12

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 17-Aug-16	time	2.43	3.44	4.44	5.40	6.42	7.42	8.40	9.40	10.41	11.44		12.74	2 / 5			
reaction time 0.130	interval		1.01	1.00	0.96	1.02	1.00	0.98	1.00	1.01	1.03	1.30			2.97	3.00	3.04
wind 0.0 m/s	velocity	5.35	8.42	8.50	8.85	8.33	8.50	8.67	8.50	8.42	8.25	8.08	7.85		8.59	8.50	8.39

Castlin, Kristi (USA) (1988)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	04-Jul-17	time	2.56	3.60	4.60	5.60	6.58	7.56	8.54	9.52	10.52	11.52		12.74	3 / 4			
reaction time	0.165	interval		1.04	1.00	1.00	0.98	0.98	0.98	0.98	1.00	1.00	1.22			3.04	2.94	2.98
wind	0.1 m/s	velocity	5.08	8.17	8.50	8.50	8.67	8.67	8.67	8.67	8.50	8.50	8.61	7.85		8.39	8.67	8.56

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	04-Jul-17	time	2.52	3.52	4.54	5.52	6.50	7.48	8.46	9.44	10.46	11.52		12.74	2 / 5			
reaction time	0.161	interval		1.00	1.02	0.98	0.98	0.98	0.98	0.98	1.02	1.06	1.22			3.00	2.94	3.06
wind	0.1 m/s	velocity	5.16	8.50	8.33	8.67	8.67	8.67	8.67	8.67	8.33	8.02	8.61	7.85		8.50	8.67	8.33

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	12-Aug-17	time	2.40	3.44	4.46	5.48	6.49	7.50	8.48	9.47	10.46	11.49		12.74	3 / 4			
reaction time	0.146	interval		1.04	1.02	1.02	1.01	1.01	0.98	0.99	0.99	1.03	1.25			3.08	3.00	3.01
wind	0.1 m/s	velocity	5.42	8.17	8.33	8.33	8.42	8.42	8.67	8.59	8.59	8.25	8.40	7.85		8.28	8.50	8.47

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	12-Aug-17	time	2.40	3.46	4.47	5.46	6.44	7.40	8.40	9.40	10.43	11.49		12.74	7 / 5			
reaction time	0.183	interval		1.06	1.01	0.99	0.98	0.96	1.00	1.00	1.03	1.06	1.25			3.06	2.94	3.09
wind	0.1 m/s	velocity	5.42	8.02	8.42	8.59	8.67	8.85	8.50	8.50	8.25	8.02	8.40	7.85		8.33	8.67	8.25

Williams, Jeanine (JAM) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Jun-19	time	2.46	3.50	4.50	5.50	6.46	7.43	8.40	9.43	10.43	11.43		12.74	3 / 4			
reaction time	0.164	interval		1.04	1.00	1.00	0.96	0.97	0.97	1.03	1.00	1.00	1.31			3.04	2.90	3.03
wind	0.6 m/s	velocity	5.28	8.17	8.50	8.50	8.85	8.76	8.76	8.25	8.50	8.50	8.02	7.85		8.39	8.79	8.42

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	13-Jun-19	time	2.52	3.54	4.52	5.52	6.50	7.48	8.46	9.46	10.48	11.54		12.74	5 / 2			
reaction time	0.130	interval		1.02	0.98	1.00	0.98	0.98	0.98	1.00	1.02	1.06	1.20			3.00	2.94	3.08
wind	1.1 m/s	velocity	5.16	8.33	8.67	8.50	8.67	8.67	8.67	8.50	8.33	8.02	8.75	7.85		8.50	8.67	8.28

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	06-Sep-19	time	2.50	3.52	4.54	5.53	6.52	7.49	8.49	9.50	10.51	11.52		12.74	6 / 3			
reaction time	0.144	interval		1.02	1.02	0.99	0.99	0.97	1.00	1.01	1.01	1.01	1.22			3.03	2.96	3.03
wind	0.0 m/s	velocity	5.20	8.33	8.33	8.59	8.59	8.76	8.50	8.42	8.42	8.42	8.61	7.85		8.42	8.61	8.42

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.51	3.52	4.52	5.51	6.49	7.46	8.44	9.44	10.46	11.54		12.74	6 / 1			
reaction time	0.152	interval		1.01	1.00	0.99	0.98	0.97	0.98	1.00	1.02	1.08	1.20			3.00	2.93	3.10
wind	0.4 m/s	velocity	5.18	8.42	8.50	8.59	8.67	8.76	8.67	8.50	8.33	7.87	8.37	7.85		8.50	8.70	8.23

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.61	3.61	4.60	5.58	6.54	7.49	8.49	9.50	10.54	11.57		12.74	8 / 2			
reaction time	0.147	interval		1.00	0.99	0.98	0.96	0.95	1.00	1.01	1.04	1.03	1.17			2.97	2.91	3.08
wind	0.4 m/s	velocity	4.98	8.50	8.59	8.67	8.85	8.95	8.50	8.42	8.17	8.25	8.59	7.85		8.59	8.76	8.28

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.53	3.57	4.57	5.57	6.54	7.52	8.52	9.53	10.58	11.64		12.74	2 / 6			
reaction time	0.144	interval		1.04	1.00	1.00	0.97	0.98	1.00	1.01	1.05	1.06	1.10	NR PB		3.04	2.95	3.12
wind	-0.2 m/s	velocity	5.14	8.17	8.50	8.50	8.76	8.67	8.50	8.42	8.10	8.02	9.14	7.85		8.39	8.64	8.17

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	02-Aug-21	time	2.48	3.50	4.50	5.48	6.46	7.46	8.46	9.46	10.48	11.50		12.74	8 / 6			
reaction time	0.144	interval		1.02	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.02	1.24			3.00	2.98	3.04
wind	-0.3 m/s	velocity	5.24	8.33	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.33	8.10	7.85		8.50	8.56	8.39

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	09-Jun-22	time	2.47	3.52	4.48	5.45	6.43	7.41	8.39	9.40	10.43	11.47		12.74	1 / 4			
reaction time	0.132	interval		1.05	0.96	0.97	0.98	0.98	0.98	1.01	1.03	1.04	1.27			2.98	2.94	3.08
wind	0.1 m/s	velocity	5.26	8.10	8.85	8.76	8.67	8.67	8.67	8.42	8.25	8.17	7.91	7.85		8.56	8.67	8.28

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.60	3.60	4.60	5.56	6.53	7.53	8.53	9.53	10.53	11.57		12.74	4 / 4				
reaction time	0.106	interval		1.00	1.00	0.96	0.97	1.00	1.00	1.00	1.00	1.04	1.17	PB		2.96	2.97	3.04	
wind	0.3 m/s	velocity	5.00	8.50	8.50	8.85	8.76	8.50	8.50	8.50	8.50	8.17	8.59	7.85		8.61	8.59	8.39	

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	21-Aug-22	time	2.56	3.58	4.57	5.56	6.55	7.54	8.53	9.52	10.52	11.57		12.74	8 / 3				
reaction time	0.169	interval		1.02	0.99	0.99	0.99	0.99	0.99	0.99	1.00	1.05	1.17			3.00	2.97	3.04	
wind	-0.1 m/s	velocity	5.08	8.33	8.59	8.59	8.59	8.59	8.59	8.59	8.50	8.10	8.59	7.85		8.50	8.59	8.39	

Glasco, Alexis (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	10-Jun-23	time	2.50	3.49	4.50	5.49	6.49	7.47	8.47	9.47	10.51	11.53		12.74	3 / 6				
reaction time		interval		0.99	1.01	0.99	1.00	0.98	1.00	1.00	1.04	1.02	1.21			2.99	2.98	3.06	
wind	3.8 m/s	velocity	5.20	8.59	8.42	8.59	8.50	8.67	8.50	8.50	8.17	8.33	8.31	7.85		8.53	8.56	8.33	

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2023) - diamond league race analysis*

date	21-Jul-23	time	2.51	3.57	4.57	5.55	6.53	7.51	8.50	9.49	10.50	11.51		12.74	6 / 7				
reaction time	0.156	interval		1.06	1.00	0.98	0.98	0.98	0.99	0.99	1.01	1.01	1.23			3.04	2.95	3.01	
wind	0.6 m/s	velocity	5.18	8.02	8.50	8.67	8.67	8.67	8.59	8.59	8.42	8.42	8.17	7.85		8.39	8.64	8.47	

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	27-Apr-24	time	2.50	3.54	4.52	5.50	6.47	7.45	8.45	9.45	10.47	11.52		12.74	3 / ~~4~~ 3				
reaction time	0.123	interval		1.04	0.98	0.98	0.97	0.98	1.00	1.00	1.02	1.05	1.22			3.00	2.95	3.07	
wind	0.3 m/s	velocity	5.20	8.17	8.67	8.67	8.76	8.67	8.50	8.50	8.33	8.10	8.24	7.85		8.50	8.64	8.31	

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.52	3.55	4.55	5.52	6.52	7.49	8.51	9.51	10.56	11.61		12.74	2 / 3				
reaction time		interval		1.03	1.00	0.97	1.00	0.97	1.02	1.00	1.05	1.05	1.13			3.00	2.99	3.10	
wind	0.2 m/s	velocity	5.16	8.25	8.50	8.76	8.50	8.76	8.33	8.50	8.10	8.10	8.89	7.85		8.50	8.53	8.23	

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	30-Jun-24	time	2.65	3.64	4.62	5.60	6.59	7.57	8.54	9.54	10.54	11.59		12.74	6 / 1				
reaction time	0.184	interval		0.99	0.98	0.98	0.99	0.98	0.97	1.00	1.00	1.05	1.15	PB		2.95	2.94	3.05	
wind	0.2 m/s	velocity	4.91	8.59	8.67	8.67	8.59	8.67	8.76	8.50	8.50	8.10	8.74	7.85		8.64	8.67	8.36	

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2025 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2025) - diamond league race analysis*

date	26-Apr-25	time	2.47	3.54	4.54	5.53	6.50	7.46	8.44	9.44	10.45	11.48		12.74	7 / 4				
reaction time	0.139	interval		1.07	1.00	0.99	0.97	0.96	0.98	1.00	1.01	1.03	1.26			3.06	2.91	3.04	
wind	-0.2 m/s	velocity	5.26	7.94	8.50	8.59	8.76	8.85	8.67	8.50	8.42	8.25	7.98	7.85		8.33	8.76	8.39	

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	2.46	3.49	4.49	5.48	6.47	7.44	8.44	9.44	10.45	11.49		12.74	7 / 6				
reaction time	0.142	interval		1.03	1.00	0.99	0.99	0.97	1.00	1.00	1.01	1.04	1.25			3.02	2.96	3.05	
wind	0.3 m/s	velocity	5.28	8.25	8.50	8.59	8.59	8.76	8.50	8.50	8.42	8.17	8.04	7.85		8.44	8.61	8.36	

Zagorcheva, Ginka (BUL) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) *Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*

date	04-Sep-87	time	2.60	3.63	4.65	5.86	6.66	7.64	8.62	9.62	10.62	11.69		12.75	6 / 2				
reaction time		interval		1.03	1.02	1.21	0.80	0.98	0.98	1.00	1.00	1.07	1.06			3.26	2.76	3.07	
wind	-0.2 m/s	velocity	5.00	8.25	8.33	7.02	10.63	8.67	8.67	8.50	8.50	7.94	9.91	7.84		7.82	9.24	8.31	

Zaczkiewicz, Claudia (FRG) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	29-Sep-88	time	2.58	3.63	4.63	5.62	6.61	7.59	8.59	9.59	10.61	11.67		12.75	6 / 2				
reaction time	0.147	interval		1.05	1.00	0.99	0.99	0.98	1.00	1.00	1.02	1.06	1.08			3.04	2.97	3.08	
wind	0.4 m/s	velocity	5.04	8.10	8.50	8.59	8.59	8.67	8.50	8.50	8.33	8.02	9.72	7.84		8.39	8.59	8.28	

Zaczkiewicz, Claudia (FRG) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	30-Sep-88	time	2.59	3.61	4.62	5.59	6.58	7.58	8.59	9.58	10.59	11.62		12.75	3 / 3				
reaction time	0.166	interval		1.02	1.01	0.97	0.99	1.00	1.01	0.99	1.01	1.03	1.13			3.00	3.00	3.03	
wind	0.2 m/s	velocity	5.02	8.33	8.42	8.76	8.59	8.50	8.42	8.59	8.42	8.25	9.29	7.84		8.50	8.50	8.42	

Xie Liuying (CHN) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1993 Chinese National Games (Beijing, CHN) *Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*

date	09-Sep-93	time	2.55	3.57	4.57	5.55	6.53	7.53	8.55	9.57	10.60	11.65		12.75	/ 2				

reaction time		interval		1.02	1.00	0.98	0.98	1.00	1.02	1.02	1.03	1.05	1.10			3.00	3.00	3.10
wind	0.1 m/s	velocity	5.10	8.33	8.50	8.67	8.67	8.50	8.33	8.33	8.25	8.10	9.55	7.84		8.50	8.50	8.23

Bukovec, Brigita (SLO) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1995 Postojna, SLO																
Coh (1996) - three-dimensional kinematic analysis of the hurdles technique used by brigita bukovec																
date 08-Jul-95	time	2.60	3.64	4.66	5.66	6.65	7.63	8.61	9.60	10.62	11.65		12.75	/ 1			
reaction time	interval		1.04	1.02	1.00	0.99	0.98	0.98	0.99	1.02	1.03	1.10	PB		3.06	2.95	3.04
wind ???	velocity	5.00	8.17	8.33	8.50	8.59	8.67	8.67	8.59	8.33	8.25	9.55	7.84		8.33	8.64	8.39

Shishigina, Olga (KZK) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)																
Sanchez (1999) - Sevilla '99: análisis de la carreras con villas																
date 27-Aug-99	time	2.61	3.64	4.66	5.65	6.63	7.61	8.60	9.59	10.58	11.60		12.75	6 / 2			
reaction time 0.152	interval		1.03	1.02	0.99	0.98	0.98	0.99	0.99	0.99	1.02	1.15			3.04	2.95	3.00
wind 1.0 m/s	velocity	4.98	8.25	8.33	8.59	8.67	8.67	8.59	8.59	8.59	8.33	9.13	7.84		8.39	8.64	8.50

Dimitrova, Svetla (BUL) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1999 IAAF World Championships (Sevilla, ESP)																
Sanchez (1999) - Sevilla '99: análisis de la carreras con villas																
date 28-Aug-99	time	2.63	3.65	4.65	5.62	6.61	7.57	8.53	9.53	10.55	11.58		12.75	8 / 5			
reaction time 0.149	interval		1.02	1.00	0.97	0.99	0.96	0.96	1.00	1.02	1.03	1.17			2.99	2.91	3.05
wind 0.7 m/s	velocity	4.94	8.33	8.50	8.76	8.59	8.85	8.85	8.50	8.33	8.25	8.97	7.84		8.53	8.76	8.36

Adams, Jenny (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)																
USATF Women's Hurdle Development (2006)																
date 24-Jun-06	time	2.60	3.64	4.62	5.61	6.57	7.56	8.54	9.54	10.56	11.61		12.75	5 / 4			
reaction time	interval		1.04	0.98	0.99	0.96	0.99	0.98	1.00	1.02	1.05	1.14			3.01	2.93	3.07
wind - 0.4 m/s	velocity	5.00	8.17	8.67	8.59	8.85	8.59	8.67	8.50	8.33	8.10	9.21	7.84		8.47	8.70	8.31

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)																
Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions																
date 10-May-15	time	2.62	3.63	4.63	5.61	6.56	7.52	8.55	9.55	10.58	11.62		12.75	5 / 2			
reaction time 0.189	interval		1.01	1.00	0.98	0.95	0.96	1.03	1.00	1.03	1.04	1.13			2.99	2.94	3.07
wind 0.9 m/s	velocity	4.96	8.42	8.50	8.67	8.95	8.85	8.25	8.50	8.25	8.17	9.29	7.84		8.53	8.67	8.31

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 05-Jun-16	time	2.46	3.56	4.56	5.58	6.52	7.48	8.48	9.48	10.48	11.48		12.75	5 / 3			
reaction time 0.164	interval		1.10	1.00	1.02	0.94	0.96	1.00	1.00	1.00	1.00	1.27			3.12	2.90	3.00
wind -0.3 m/s	velocity	5.28	7.73	8.50	8.33	9.04	8.85	8.50	8.50	8.50	8.50	8.27	7.84		8.17	8.79	8.50

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 09-Jun-16	time	2.50	3.54	4.54	5.52	6.52	7.50	8.50	9.52	10.52	11.54		12.75	3 / 2			
reaction time 0.161	interval		1.04	1.00	0.98	1.00	0.98	1.00	1.02	1.00	1.02	1.21			3.02	2.98	3.04
wind -0.4 m/s	velocity	5.20	8.17	8.50	8.67	8.50	8.67	8.50	8.33	8.50	8.33	8.68	7.84		8.44	8.56	8.39

Coward, Jackie (USA) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 08-Jul-16	time	2.53	3.57	4.57	5.57	6.54	7.51	8.47	9.47	10.49	11.51		12.75	1 / 7			
reaction time 0.168	interval		1.04	1.00	1.00	0.97	0.97	0.96	1.00	1.02	1.02	1.24			3.04	2.90	3.04
wind 1.2 m/s	velocity	5.14	8.17	8.50	8.50	8.76	8.76	8.85	8.50	8.33	8.33	8.47	7.84		8.39	8.79	8.39

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 25-Aug-16	time	2.56	3.58	4.58	5.56	6.54	7.54	8.54	9.54	10.56	11.58		12.75	6 / 3			
reaction time 0.135	interval		1.02	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.02	1.17			3.00	2.98	3.04
wind 0.7 m/s	velocity	5.08	8.33	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.33	8.97	7.84		8.50	8.56	8.39

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 15-Jun-17	time	2.56	3.62	4.62	5.60	6.58	7.56	8.54	9.52	10.54	11.58		12.75	6 / 2			
reaction time 0.140	interval		1.06	1.00	0.98	0.98	0.98	0.98	0.98	1.02	1.04	1.17			3.04	2.94	3.04
wind 0.8 m/s	velocity	5.08	8.02	8.50	8.67	8.67	8.67	8.67	8.67	8.33	8.17	8.97	7.84		8.39	8.67	8.39

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 15-Jun-17	time	2.48	3.50	4.48	5.46	6.46	7.44	8.42	9.46	10.48	11.50		12.75	5 / 3			
reaction time 0.122	interval	7 steps	1.02	0.98	0.98	1.00	0.98	0.98	1.04	1.02	1.02	1.25	PB		2.98	2.96	3.08
wind 0.8 m/s	velocity	5.24	8.33	8.67	8.67	8.50	8.67	8.67	8.17	8.33	8.33	8.40	7.84		8.56	8.61	8.28

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 06-Jul-17	time	2.46	3.50	4.50	5.50	6.50	7.50	8.48	9.48	10.50	11.50		12.75	1 / 6			
reaction time 0.116	interval		1.04	1.00	1.00	1.00	1.00	0.98	1.00	1.02	1.00	1.25			3.04	2.98	3.02

wind	-0.1 m/s	velocity	5.28	8.17	8.50	8.50	8.50	8.50	8.67	8.50	8.33	8.50	8.40	7.84			8.39	8.56	8.44

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 21-Jul-17 time	2.56	3.58	4.56	5.56	6.54	7.52	8.52	9.54	10.54	11.58		12.75	3 / 6			
reaction time 0.134 interval		1.02	0.98	1.00	0.98	0.98	1.00	1.02	1.00	1.04	1.17			3.00	2.96	3.06
wind -0.2 m/s velocity	5.08	8.33	8.67	8.50	8.67	8.67	8.50	8.33	8.50	8.17	8.97	7.84		8.50	8.61	8.33

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 04-May-18 time	2.44	3.44	4.44	5.40	6.38	7.42	8.44	9.44	10.48	11.50		12.75	3 / 3			
reaction time 0.153 interval		1.00	1.00	0.96	0.98	1.04	1.02	1.00	1.04	1.02	1.25			2.96	3.04	3.06
wind 0.5 m/s velocity	5.33	8.50	8.50	8.85	8.67	8.17	8.33	8.50	8.17	8.33	8.40	7.84		8.61	8.39	8.33

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 10-Jun-18 time	2.48	3.48	4.48	5.46	6.44	7.44	8.42	9.42	10.42	11.48		12.75	3 / 5			
reaction time 0.148 interval		1.00	1.00	0.98	0.98	1.00	0.98	1.00	1.00	1.06	1.27			2.98	2.96	3.06
wind 1.3 m/s velocity	5.24	8.50	8.50	8.67	8.67	8.50	8.67	8.50	8.50	8.02	8.27	7.84		8.56	8.61	8.33

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jul-18 time	2.56	3.60	4.62	5.60	6.56	7.54	8.52	9.52	10.54	11.58		12.75	5 / 4			
reaction time interval		1.04	1.02	0.98	0.96	0.98	0.98	1.00	1.02	1.04	1.17			3.04	2.92	3.06
wind 0.9 m/s velocity	5.08	8.17	8.33	8.67	8.85	8.67	8.67	8.50	8.33	8.17	8.97	7.84		8.39	8.73	8.33

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 06-Jul-21 time	2.47	3.49	4.50	5.50	6.47	7.44	8.41	9.44	10.47	11.51		12.75	7 / 3			
reaction time 0.171 interval		1.02	1.01	1.00	0.97	0.97	0.97	1.03	1.03	1.04	1.24			3.03	2.91	3.10
wind 0.2 m/s velocity	5.26	8.33	8.42	8.50	8.76	8.76	8.76	8.25	8.25	8.17	8.10	7.84		8.42	8.76	8.23

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 13-Jul-21 time	2.52	3.54	4.56	5.54	6.54	7.52	8.50	9.50	10.51	11.53		12.75	3 / 2			
reaction time 0.172 interval		1.02	1.02	0.98	1.00	0.98	0.98	1.00	1.01	1.02	1.22			3.02	2.96	3.03
wind 1.5 m/s velocity	5.16	8.33	8.33	8.67	8.50	8.67	8.67	8.50	8.42	8.33	8.24	7.84		8.44	8.61	8.42

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.57	3.61	4.59	5.58	6.57	7.55	8.54	9.54	10.57	11.60		12.75	6 / 3			
reaction time 0.144 interval		1.04	0.98	0.99	0.99	0.98	0.99	1.00	1.03	1.03	1.15	PB		3.01	2.96	3.06
wind 0.4 m/s velocity	5.06	8.17	8.67	8.59	8.59	8.67	8.59	8.50	8.25	8.25	8.74	7.84		8.47	8.61	8.33

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.53	3.53	4.56	5.53	6.52	7.52	8.49	9.49	10.50	11.54		12.75	8 / 4			
reaction time 0.143 interval		1.00	1.03	0.97	0.99	1.00	0.97	1.00	1.01	1.04	1.21	NR PB		3.00	2.96	3.05
wind 0.0 m/s velocity	5.14	8.50	8.25	8.76	8.59	8.50	8.76	8.50	8.42	8.17	8.31	7.84		8.50	8.61	8.36

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 13-May-22 time	2.47	3.47	4.47	5.44	6.41	7.41	8.40	9.44	10.46	11.51		12.75	8 / 6			
reaction time 0.157 interval		1.00	1.00	0.97	0.97	1.00	0.99	1.04	1.02	1.05	1.24			2.97	2.96	3.11
wind 3.8 m/s velocity	5.26	8.50	8.50	8.76	8.76	8.50	8.59	8.17	8.33	8.10	8.10	7.84		8.59	8.61	8.20

McLaughlin, Sydney (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Penn Relays (Philadelphia, PA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Sydney McLaughlin 400m hurdles world record season*			
date 30-Apr-22 time	2.50	3.54	4.58	5.58	6.58	7.55	8.55	9.55	10.55	11.55		12.75	4 / 1			
reaction time interval	7 steps	1.04	1.04	1.00	1.00	0.97	1.00	1.00	1.00	1.00	1.20			3.08	2.97	3.00
wind 0.0 m/s velocity	5.20	8.17	8.17	8.50	8.50	8.76	8.50	8.50	8.50	8.50	8.38	7.84		8.28	8.59	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.56	3.58	4.57	5.56	6.53	7.50	8.50	9.48	10.49	11.55		12.75	4 / 4			
reaction time 0.156 interval		1.02	0.99	0.99	0.97	0.97	1.00	0.98	1.01	1.06	1.20			3.00	2.94	3.05
wind -0.1 m/s velocity	5.08	8.33	8.59	8.59	8.76	8.76	8.50	8.67	8.42	8.02	8.38	7.84		8.50	8.67	8.36

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23 time	2.45	3.50	4.50	5.49	6.47	7.45	8.43	9.42	10.44	11.47		12.75	4 / 7			
reaction time 0.165 interval		1.05	1.00	0.99	0.98	0.98	0.98	0.99	1.02	1.03	1.28			3.04	2.94	3.04
wind -0.2 m/s velocity	5.31	8.10	8.50	8.59	8.67	8.67	8.67	8.59	8.33	8.25	7.85	7.84		8.39	8.67	8.39

Charlton, Devynne (BAH) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Weltklasse (Zürich, SUI)															*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	2.43	3.47	4.48	5.46	6.44	7.42	8.40	9.41	10.44	11.49		12.75	1 / 8			
reaction time	0.152	interval		1.04	1.01	0.98	0.98	0.98	0.98	1.01	1.03	1.05	1.26			3.03	2.94	3.09
wind	-0.2 m/s	velocity	5.35	8.17	8.42	8.67	8.67	8.67	8.67	8.42	8.25	8.10	7.98	7.84		8.42	8.67	8.25

Kambundji, Ditaji (SUI) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Athletissima (Lausanne, SUI)															*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	2.43	3.46	4.46	5.45	6.43	7.42	8.41	9.41	10.42	11.46		12.75	2 / 8			
reaction time	0.146	interval		1.03	1.00	0.99	0.98	0.99	0.99	1.00	1.01	1.04	1.29			3.02	2.96	3.05
wind	-0.9 m/s	velocity	5.35	8.25	8.50	8.59	8.67	8.59	8.59	8.50	8.42	8.17	7.79	7.84		8.44	8.61	8.36

Devers-Roberts, Gail (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 3 - 1992 Olympic Games (Barcelona, ESP)															*Lyle - miscellaneous coaching notes*			
date	05-Aug-92	time	2.49	3.51	4.50	5.48	6.45	7.41	8.38	9.38	10.38	11.42		12.76	2 / 1			
reaction time		interval		1.02	0.99	0.98	0.97	0.96	0.97	1.00	1.00	1.04	1.34			2.99	2.90	3.04
wind	-0.7 m/s	velocity	5.22	8.33	8.59	8.67	8.76	8.85	8.76	8.50	8.50	8.17	7.84	7.84		8.53	8.79	8.39

Dickey, Cheryl (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USA Olympic Trials (Atlanta, GA)															*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time	2.36	3.43	4.40	5.40	6.36	7.33	8.32	9.32	10.33	11.36		12.76	6 / 3			
reaction time		interval		1.07	0.97	1.00	0.96	0.97	0.99	1.00	1.01	1.03	1.40			3.04	2.92	3.04
wind	0.6 m/s	velocity	5.51	7.94	8.76	8.50	8.85	8.76	8.59	8.50	8.42	8.25	7.50	7.84		8.39	8.73	8.39

Bukovec, Brigita (SLO) (1970)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Euorpean Cup - 1st League (Lisboa, POR)															*Coh (1998) - a biomechanical model of the 100m hurdles of birgita bukovec*			
date	29-Jun-96	time	2.59	3.63	4.65	5.65	6.64	7.62	8.60	9.60	10.62	11.66		12.76	/ 1			
reaction time		interval		1.04	1.02	1.00	0.99	0.98	0.98	1.00	1.02	1.04	1.10			3.06	2.95	3.06
wind	3.0 m/s	velocity	5.02	8.17	8.33	8.50	8.59	8.67	8.67	8.50	8.33	8.17	9.55	7.84		8.33	8.64	8.33

Freeman, Michelle (JAM) (1969)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 Olympic Games (Atlanta, GA)															*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	31-Jul-96	time	2.44	3.46	4.44	5.44	6.40	7.39	8.38	9.42	10.45	11.49		12.76	4 / 6			
reaction time	0.181	interval		1.02	0.98	1.00	0.96	0.99	0.99	1.04	1.03	1.04	1.27			3.00	2.94	3.11
wind	0.2 m/s	velocity	5.33	8.33	8.67	8.50	8.85	8.59	8.59	8.17	8.25	8.17	8.27	7.84		8.50	8.67	8.20

Girard, Patricia (FRA) (1968)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)															*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date	27-Aug-99	time	2.51	3.51	4.50	5.47	6.42	7.40	8.40	9.43	10.46	11.50		12.76	3 / 3			
reaction time	0.120	interval		1.00	0.99	0.97	0.95	0.98	1.00	1.03	1.03	1.04	1.26			2.96	2.93	3.10
wind	1.9 m/s	velocity	5.18	8.50	8.59	8.76	8.95	8.67	8.50	8.25	8.25	8.17	8.33	7.84		8.61	8.70	8.23

Jones, Lolo (USA) (1982)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)															*USATF Women's Hurdle Development (2006)*			
date	24-Jun-06	time	2.67	3.62	4.64	5.61	6.59	7.61	8.59	9.54	10.59	11.61		12.76	2 / 5			
reaction time		interval		0.95	1.02	0.97	0.98	1.02	0.98	0.95	1.05	1.02	1.15			2.94	2.98	3.02
wind	-0.4 m/s	velocity	4.87	8.95	8.33	8.76	8.67	8.33	8.67	8.95	8.10	8.33	9.13	7.84		8.67	8.56	8.44

Foster-Hylton, Brigette (JAM) (1974)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)															*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date	18-Aug-08	time	2.61	3.65	4.66	5.66	6.61	7.59	8.59	9.60	10.62	11.66		12.76	4 / 3			
reaction time	0.162	interval		1.04	1.01	1.00	0.95	0.98	1.00	1.01	1.02	1.04	1.10			3.05	2.93	3.07
wind	0.2 m/s	velocity	4.98	8.17	8.42	8.50	8.95	8.67	8.50	8.42	8.33	8.17	9.55	7.84		8.36	8.70	8.31

Foster-Hylton, Brigette (JAM) (1974)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	2.63	3.66	4.65	5.63	6.62	7.60	8.58	9.58	10.61	11.63		12.76	3 / ~~5~~ 4			
reaction time	0.137	interval		1.03	0.99	0.98	0.99	0.98	0.98	1.00	1.03	1.02	1.13			3.00	2.95	3.05
wind	0.3 m/s	velocity	4.94	8.25	8.59	8.67	8.59	8.67	8.67	8.50	8.25	8.33	9.29	7.84		8.50	8.64	8.36

Cherry, Damu (USA) (1977)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 ISTAF (Berlin, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	14-Jun-09	time	2.65	3.71	4.71	5.70	6.67	7.65	8.65	9.65	10.67	11.69		12.76	/ 1			
reaction time	0.201	interval		1.06	1.00	0.99	0.97	0.98	1.00	1.00	1.02	1.02	1.07			3.05	2.95	3.04
wind	-0.1 m/s	velocity	4.91	8.02	8.50	8.59	8.76	8.67	8.50	8.50	8.33	8.33	9.81	7.84		8.36	8.64	8.39

Cherry, Damu (USA) (1977)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	2.66	3.68	4.70	5.68	6.67	7.67	8.66	9.66	10.66	11.69		12.76	3 / 3			
reaction time	0.165	interval		1.02	1.02	0.98	0.99	1.00	0.99	1.00	1.00	1.03	1.07			3.02	2.98	3.03
wind	0.1 m/s	velocity	4.89	8.33	8.33	8.67	8.59	8.50	8.59	8.50	8.50	8.25	9.81	7.84		8.44	8.56	8.42

Golding-Clarke, Lacena (JAM) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)																
Graubner (2009) - biomechanical analyses at the 12th IAAF world championships																
date 19-Aug-09	time	2.54	3.54	4.54	5.52	6.50	7.48	8.48	9.51	10.56	11.60		12.76	3 / 4			
reaction time 0.144	interval		1.00	1.00	0.98	0.98	0.98	1.00	1.03	1.05	1.04	1.16			2.98	2.96	3.12
wind 0.3 m/s	velocity	5.12	8.50	8.50	8.67	8.67	8.67	8.50	8.25	8.10	8.17	9.05	7.84		8.56	8.61	8.17

Ennis-Hill, Jessica (GBR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 London Anniversary Games (London, GBR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 22-Jul-16	time	2.58	3.60	4.60	5.60	6.60	7.60	8.58	9.60	10.60	11.64		12.76	9 / 3			
reaction time 0.152	interval		1.02	1.00	1.00	1.00	1.00	0.98	1.02	1.00	1.04	1.12			3.02	2.98	3.06
wind 0.3 m/s	velocity	5.04	8.33	8.50	8.50	8.50	8.50	8.67	8.33	8.50	8.17	9.38	7.84		8.44	8.56	8.33

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 07-Jul-16	time	2.52	3.54	4.52	5.50	6.50	7.48	8.46	9.48	10.50	11.54		12.76	4 / 3			
reaction time 0.133	interval		1.02	0.98	0.98	1.00	0.98	0.98	1.02	1.02	1.04	1.22			2.98	2.96	3.08
wind -0.7 m/s	velocity	5.16	8.33	8.67	8.67	8.50	8.67	8.67	8.33	8.33	8.17	8.61	7.84		8.56	8.61	8.28

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 17-Aug-16	time	2.38	3.43	4.45	5.43	6.41	7.40	8.37	9.37	10.34	11.34		12.76	5 / 6			
reaction time 0.179	interval		1.05	1.02	0.98	0.98	0.99	0.97	1.00	0.97	1.00	1.42			3.05	2.94	2.97
wind 0.0 m/s	velocity	5.46	8.10	8.33	8.67	8.67	8.59	8.76	8.50	8.76	8.50	7.39	7.84		8.36	8.67	8.59

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 17-Aug-16	time	2.40	3.40	4.40	5.37	6.34	7.34	8.34	9.34	10.37	11.41		12.76	3 / 7			
reaction time 0.142	interval		1.00	1.00	0.97	0.97	1.00	1.00	1.00	1.03	1.04	1.35			2.97	2.97	3.07
wind 0.0 m/s	velocity	5.42	8.50	8.50	8.76	8.76	8.50	8.50	8.50	8.25	8.17	7.78	7.84		8.59	8.59	8.31

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 27-Aug-16	time	2.54	3.58	4.58	5.56	6.54	7.52	8.52	9.52	10.54	11.58		12.76	6 / 4			
reaction time 0.140	interval		1.04	1.00	0.98	0.98	0.98	1.00	1.00	1.02	1.04	1.18			3.02	2.96	3.06
wind 0.2 m/s	velocity	5.12	8.17	8.50	8.67	8.67	8.67	8.50	8.50	8.33	8.17	8.90	7.84		8.44	8.61	8.33

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 29-Apr-17	time	2.56	3.58	4.56	5.56	6.53	7.53	8.53	9.53	10.53	11.53		12.76	2 / 2			
reaction time	interval		1.02	0.98	1.00	0.97	1.00	1.00	1.00	1.00	1.00	1.23			3.00	2.97	3.00
wind 1.0 m/s	velocity	5.08	8.33	8.67	8.50	8.76	8.50	8.50	8.50	8.50	8.50	8.54	7.84		8.50	8.59	8.50

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 04-Jul-17	time	2.48	3.50	4.48	5.48	6.48	7.48	8.48	9.48	10.50	11.54		12.76	7 / 6			
reaction time 0.135	interval		1.02	0.98	1.00	1.00	1.00	1.00	1.00	1.02	1.04	1.22			3.00	3.00	3.06
wind 0.1 m/s	velocity	5.24	8.33	8.67	8.50	8.50	8.50	8.50	8.50	8.33	8.17	8.61	7.84		8.50	8.50	8.33

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)																
Henson (2020) - Athlete First: 2018 year end hurdle report																
date 12-May-18	time	2.48	3.50	4.48	5.46	6.44	7.42	8.42	9.42	10.44	11.50		12.76	2 / 5			
reaction time 0.173	interval		1.02	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.06	1.26			2.98	2.96	3.08
wind 0.9 m/s	velocity	5.24	8.33	8.67	8.67	8.67	8.67	8.50	8.50	8.33	8.02	8.33	7.84		8.56	8.61	8.28

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)																
Henson (2020) - Athlete First: 2018 year end hurdle report																
date 31-May-18	time	2.48	3.50	4.48	5.46	6.46	7.46	8.44	9.44	10.46	11.50		12.76	6 / 1			
reaction time 0.138	interval		1.02	0.98	0.98	1.00	1.00	0.98	1.00	1.02	1.04	1.26			2.98	2.98	3.06
wind 0.0 m/s	velocity	5.24	8.33	8.67	8.67	8.50	8.50	8.67	8.50	8.33	8.17	8.33	7.84		8.56	8.56	8.33

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis)																
Henson (2020) - Athlete First: 2018 year end hurdle report																
date 23-Jun-18	time	2.50	3.57	4.57	5.57	6.54	7.52	8.48	9.48	10.48	11.48		12.76	6 / 4			
reaction time	interval		1.07	1.00	1.00	0.97	0.98	0.96	1.00	1.00	1.00	1.28			3.07	2.91	3.00
wind -1.4 m/s	velocity	5.20	7.94	8.50	8.50	8.76	8.67	8.85	8.50	8.50	8.50	8.20	7.84		8.31	8.76	8.50

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis)																
Henson (2020) - Athlete First: 2020 year end hurdle report																
date 08-Jul-20	time	2.60	3.63	4.66	5.66	6.63	7.60	8.60	9.60	10.60	11.63		12.76	4 / 1			
reaction time	interval		1.03	1.03	1.00	0.97	0.97	1.00	1.00	1.00	1.03	1.13			3.06	2.94	3.03
wind 0.7 m/s	velocity	5.00	8.25	8.25	8.50	8.76	8.76	8.50	8.50	8.50	8.25	8.89	7.84		8.33	8.67	8.42

Clemons, Christina (USA) (1990)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.46	3.46	4.46	5.46	6.43	7.42	8.42	9.42	10.46	11.52		12.76	7 / 4			
reaction time	0.118	interval		1.00	1.00	1.00	0.97	0.99	1.00	1.00	1.04	1.06	1.24			3.00	2.96	3.10
wind	-0.8 m/s	velocity	5.28	8.50	8.50	8.50	8.76	8.59	8.50	8.50	8.17	8.02	8.10	7.84		8.50	8.61	8.23

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.58	3.62	4.61	5.61	6.58	7.57	8.57	9.56	10.57	11.62		12.76	3 / 7			
reaction time	0.163	interval		1.04	0.99	1.00	0.97	0.99	1.00	0.99	1.01	1.05	1.14			3.03	2.96	3.05
wind	-0.2 m/s	velocity	5.04	8.17	8.59	8.50	8.76	8.59	8.50	8.59	8.42	8.10	8.82	7.84		8.42	8.61	8.36

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	08-May-22	time	2.53	3.60	4.62	5.60	6.58	7.58	8.56	9.55	10.56	11.61		12.76	4 / 1			
reaction time	0.156	interval		1.07	1.02	0.98	0.98	1.00	0.98	0.99	1.01	1.05	1.15			3.07	2.96	3.05
wind	-0.1 m/s	velocity	5.14	7.94	8.33	8.67	8.67	8.50	8.67	8.59	8.42	8.10	8.74	7.84		8.31	8.61	8.36

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	18-Jun-22	time	2.44	3.44	4.44	5.42	6.42	7.40	8.40	9.42	10.44	11.50		12.76	4 / 4			
reaction time	0.123	interval		1.00	1.00	0.98	1.00	0.98	1.00	1.02	1.02	1.06	1.26			2.98	2.98	3.10
wind	-0.4 m/s	velocity	5.33	8.50	8.50	8.67	8.50	8.67	8.50	8.33	8.33	8.02	7.98	7.84		8.56	8.56	8.23

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	30-Jun-22	time	2.50	3.52	4.50	5.50	6.46	7.46	8.46	9.46	10.50	11.55		12.76	1 / 6			
reaction time	0.136	interval		1.02	0.98	1.00	0.96	1.00	1.00	1.00	1.04	1.05	1.21			3.00	2.96	3.09
wind	-0.5 m/s	velocity	5.20	8.33	8.67	8.50	8.85	8.50	8.50	8.50	8.17	8.10	8.31	7.84		8.50	8.61	8.25

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	23-Jul-22	time	2.52	3.53	4.53	5.53	6.50	7.50	8.50	9.50	10.53	11.56		12.76	8 / 2			
reaction time	0.136	interval		1.01	1.00	1.00	0.97	1.00	1.00	1.00	1.03	1.03	1.20			3.01	2.97	3.06
wind	0.7 m/s	velocity	5.16	8.42	8.50	8.50	8.76	8.50	8.50	8.50	8.25	8.25	8.38	7.84		8.47	8.59	8.33

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	05-May-23	time	2.60	3.60	4.60	5.60	6.56	7.58	8.58	9.58	10.58	11.62		12.76	8 / 4			
reaction time	0.163	interval		1.00	1.00	1.00	0.96	1.02	1.00	1.00	1.00	1.04	1.14			3.00	2.98	3.04
wind	1.1 m/s	velocity	5.00	8.50	8.50	8.50	8.85	8.33	8.50	8.50	8.50	8.17	8.82	7.84		8.50	8.56	8.39

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	27-Apr-24	time	2.53	3.57	4.59	5.59	6.57	7.55	8.53	9.53	10.55	11.58		12.76	7 / ~~5~~ 4			
reaction time	0.134	interval		1.04	1.02	1.00	0.98	0.98	0.98	1.00	1.02	1.03	1.18			3.06	2.94	3.05
wind	0.3 m/s	velocity	5.14	8.17	8.33	8.50	8.67	8.67	8.67	8.50	8.33	8.25	8.52	7.84		8.33	8.67	8.36

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Prefontaine Classic (Eugene, OR) *Omega Timing (2024) - diamond league race analysis*

date	25-May-24	time	2.54	3.60	4.61	5.59	6.57	7.55	8.52	9.50	10.50	11.51		12.76	9 / 7			
reaction time	0.175	interval		1.06	1.01	0.98	0.98	0.98	0.97	0.98	1.00	1.01	1.25			3.05	2.93	2.99
wind	-0.9 m/s	velocity	5.12	8.02	8.42	8.67	8.67	8.67	8.76	8.67	8.50	8.42	8.04	7.84		8.36	8.70	8.53

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL) *Omega Timing (2024) - diamond league race analysis*

date	25-Aug-24	time	2.39	3.43	4.41	5.39	6.35	7.35	8.37	9.40	10.42	11.47		12.76	9 / 9			
reaction time	0.149	interval		1.04	0.98	0.98	0.96	1.00	1.02	1.03	1.02	1.05	1.29			3.00	2.98	3.10
wind	-0.5 m/s	velocity	5.44	8.17	8.67	8.67	8.85	8.50	8.33	8.25	8.33	8.10	7.79	7.84		8.50	8.56	8.23

Schaller-Klier, Johanna (GDR) (1952)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1976 Olympic Games (Montreal, CAN) *Ilyin (1979) - successes of women hurdlers*

date	29-Jul-76	time	2.56	3.58	4.58	5.56	6.54	7.54	8.54	9.54	10.56	11.60		12.77	5 / 1			
reaction time		interval		1.02	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.04	1.17			3.00	2.98	3.06
wind	0.0 m/s	velocity	5.08	8.33	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.17	8.97	7.83		8.50	8.56	8.33

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	18-Aug-09	time	2.60	3.60	4.58	5.56	6.52	7.50	8.50	9.51	10.54	11.61		12.77	6 / 2			
reaction time	0.156	interval		1.00	0.98	0.98	0.96	0.98	1.00	1.01	1.03	1.07	1.16			2.96	2.94	3.11
wind	-0.3 m/s	velocity	5.00	8.50	8.67	8.67	8.85	8.67	8.50	8.42	8.25	7.94	9.05	7.83		8.61	8.67	8.20

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	18-Aug-09	time	2.67	3.69	4.67	5.67	6.65	7.64	8.62	9.61	10.63	11.66		12.77	3 / 2			
reaction time	0.147	interval		1.02	0.98	1.00	0.98	0.99	0.98	0.99	1.02	1.03	1.11			3.00	2.95	3.04
wind	0.1 m/s	velocity	4.87	8.33	8.67	8.50	8.67	8.59	8.67	8.59	8.33	8.25	9.46	7.83		8.50	8.64	8.39

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis) — *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	04-May-18	time	2.52	3.54	4.54	5.52	6.50	7.50	8.50	9.50	10.52	11.54		12.77	2 / 4			
reaction time	0.137	interval		1.02	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.02	1.23			3.00	2.98	3.04
wind	0.5 m/s	velocity	5.16	8.33	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.33	8.54	7.83		8.50	8.56	8.39

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis) — *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	09-Jun-18	time	2.46	3.50	4.50	5.50	6.46	7.43	8.43	9.43	10.43	11.50		12.77	8 / 2			
reaction time		interval		1.04	1.00	1.00	0.96	0.97	1.00	1.00	1.00	1.07	1.27			3.04	2.93	3.07
wind	0.9 m/s	velocity	5.28	8.17	8.50	8.50	8.85	8.76	8.50	8.50	8.50	7.94	8.27	7.83		8.39	8.70	8.31

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	03-Sep-21	time	2.52	3.54	4.52	5.48	6.46	7.44	8.44	9.46	10.48	11.54		12.77	6 / 3			
reaction time	0.154	interval		1.02	0.98	0.96	0.98	0.98	1.00	1.02	1.02	1.06	1.23			2.96	2.96	3.10
wind	0.7 m/s	velocity	5.16	8.33	8.67	8.85	8.67	8.67	8.50	8.33	8.33	8.02	8.17	7.83		8.61	8.61	8.23

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis) — *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	22-Apr-22	time	2.63	3.67	4.65	5.63	6.61	7.59	8.57	9.57	10.59	11.59		12.77	2 / 7			
reaction time		interval		1.04	0.98	0.98	0.98	0.98	0.98	1.00	1.02	1.00	1.18			3.00	2.94	3.02
wind	0.8 m/s	velocity	4.94	8.17	8.67	8.67	8.67	8.67	8.67	8.50	8.33	8.50	8.52	7.83		8.50	8.67	8.44

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	28-May-22	time	2.46	3.48	4.50	5.50	6.50	7.50	8.50	9.52	10.52	11.55		12.77	7 / 7			
reaction time	0.144	interval		1.02	1.02	1.00	1.00	1.00	1.00	1.02	1.00	1.03	1.22			3.04	3.00	3.05
wind	-0.7 m/s	velocity	5.28	8.33	8.33	8.50	8.50	8.50	8.50	8.33	8.50	8.25	8.24	7.83		8.39	8.50	8.36

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 African Championships (St. Pierre, MRI) (TV Analysis) — *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	09-Jun-22	time	2.54	3.54	4.60	5.58	6.54	7.54	8.55	9.55	10.55	11.61		12.77	4 / 2			
reaction time		interval		1.00	1.06	0.98	0.96	1.00	1.01	1.00	1.00	1.06	1.16			3.04	2.97	3.06
wind	4.0 m/s	velocity	5.12	8.50	8.02	8.67	8.85	8.50	8.42	8.50	8.50	8.02	8.66	7.83		8.39	8.59	8.33

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.57	3.58	4.58	5.57	6.54	7.54	8.53	9.52	10.56	11.60		12.77	7 / 2			
reaction time		interval		1.01	1.00	0.99	0.97	1.00	0.99	0.99	1.04	1.04	1.17			3.00	2.96	3.07
wind	0.1 m/s	velocity	5.06	8.42	8.50	8.59	8.76	8.50	8.59	8.59	8.17	8.17	8.59	7.83		8.50	8.61	8.31

Huven, Destiny (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.58	3.63	4.63	5.62	6.60	7.58	8.59	9.61	10.61	11.63		12.77	7 / 4			
reaction time		interval		1.05	1.00	0.99	0.98	0.98	1.01	1.02	1.00	1.02	1.14	PB		3.04	2.97	3.04
wind	0.2 m/s	velocity	5.04	8.10	8.50	8.59	8.67	8.67	8.42	8.33	8.50	8.33	8.82	7.83		8.39	8.59	8.39

Anisimova, Tatyana (URS) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1976 Olympic Games (Montreal, CAN) — *Ilyin (1979) - successes of women hurdlers*

date	29-Jul-76	time	2.62	3.66	4.68	5.68	6.66	7.64	8.62	9.60	10.60	11.60		12.78	3 / 2			
reaction time		interval		1.04	1.02	1.00	0.98	0.98	0.98	0.98	1.00	1.00	1.18	PB		3.06	2.94	2.98
wind	0.0 m/s	velocity	4.96	8.17	8.33	8.50	8.67	8.67	8.67	8.67	8.50	8.50	8.90	7.82		8.33	8.67	8.56

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Prefontaine Classic (Eugene, OR) — *Winckler (2009) - UK Athletics- National Coaching Conference*

date	07-Jun-09	time	2.49	3.50	4.43	5.40	6.40	7.39	8.41	9.38	10.38	11.40		12.78	/ 4			
reaction time		interval		1.01	0.93	0.97	1.00	0.99	1.02	0.97	1.00	1.02	1.38			2.91	3.01	2.99
wind	1.0 m/s	velocity	5.22	8.42	9.14	8.76	8.50	8.59	8.33	8.76	8.50	8.33	7.61	7.82		8.76	8.47	8.53

Crawford, Virginia (Ginnie) (USA) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.60	3.62	4.60	5.56	6.51	7.49	8.50	9.51	10.55	11.63		12.78	2 / 6			
reaction time	0.146	interval		1.02	0.98	0.96	0.95	0.98	1.01	1.01	1.04	1.08	1.15			2.96	2.94	3.13
wind	0.2 m/s	velocity	5.00	8.33	8.67	8.85	8.95	8.67	8.42	8.42	8.17	7.87	9.13	7.82		8.61	8.67	8.15

Whyte, Angela (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis) — *Henson (2021) - Athlete First: major championships report*

date	17-Aug-13	time	2.52	3.56	4.56	5.54	6.52	7.50	8.48	9.48	10.50	11.52		12.78	9 / 6			

reaction time	0.152	interval		1.04	1.00	0.98	0.98	0.98	0.98	1.00	1.02	1.02	1.26			3.02	2.94	3.04
wind	-0.6 m/s	velocity	5.16	8.17	8.50	8.67	8.67	8.67	8.67	8.50	8.33	8.33	8.33	7.82		8.44	8.67	8.39

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 05-Jun-16 time	2.50	3.53	4.53	5.56	6.53	7.53	8.50	9.48	10.50	11.53		12.78	2 / 4			
reaction time 0.151 interval		1.03	1.00	1.03	0.97	1.00	0.97	0.98	1.02	1.03	1.25			3.06	2.94	3.03
wind -0.3 m/s velocity	5.20	8.25	8.50	8.25	8.76	8.50	8.76	8.67	8.33	8.25	8.40	7.82		8.33	8.67	8.42

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 27-Aug-16 time	2.54	3.58	4.58	5.58	6.56	7.54	8.54	9.54	10.56	11.60		12.78	4 / 5			
reaction time 0.129 interval		1.04	1.00	1.00	0.98	0.98	1.00	1.00	1.02	1.04	1.18			3.04	2.96	3.06
wind 0.2 m/s velocity	5.12	8.17	8.50	8.50	8.67	8.67	8.50	8.50	8.33	8.17	8.90	7.82		8.39	8.61	8.33

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 01-Sep-16 time	2.48	3.52	4.50	5.50	6.50	7.50	8.48	9.50	10.52	11.56		12.78	3 / 4			
reaction time 0.120 interval		1.04	0.98	1.00	1.00	1.00	0.98	1.02	1.02	1.04	1.22			3.02	2.98	3.08
wind 0.4 m/s velocity	5.24	8.17	8.67	8.50	8.50	8.50	8.67	8.33	8.33	8.17	8.61	7.82		8.44	8.56	8.28

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2016 year end hurdle report*			
date 09-Sep-16 time	2.56	3.58	4.56	5.56	6.54	7.52	8.50	9.50	10.52	11.54		12.78	6 / 1			
reaction time 0.186 interval		1.02	0.98	1.00	0.98	0.98	0.98	1.00	1.02	1.02	1.24			3.00	2.94	3.04
wind 0.1 m/s velocity	5.08	8.33	8.67	8.50	8.67	8.67	8.67	8.50	8.33	8.33	8.47	7.82		8.50	8.67	8.39

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 07-Jun-18 time	2.46	3.46	4.46	5.44	6.42	7.42	8.44	9.46	10.50	11.54		12.78	4 / 4			
reaction time 0.150 interval		1.00	1.00	0.98	0.98	1.00	1.02	1.02	1.04	1.04	1.24			2.98	3.00	3.10
wind 1.1 m/s velocity	5.28	8.50	8.50	8.67	8.67	8.50	8.33	8.33	8.17	8.17	8.47	7.82		8.56	8.50	8.23

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 22-Jul-18 time	2.60	3.62	4.64	5.62	6.60	7.60	8.60	9.60	10.60	11.60		12.78	1 / 9			
reaction time 0.147 interval		1.02	1.02	0.98	0.98	1.00	1.00	1.00	1.00	1.00	1.18			3.02	2.98	3.00
wind 0.6 m/s velocity	5.00	8.33	8.33	8.67	8.67	8.50	8.50	8.50	8.50	8.50	8.90	7.82		8.44	8.56	8.50

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 03-May-19 time	2.48	3.48	4.48	5.46	6.46	7.46	8.44	9.46	10.48	11.54		12.78	6 / 3			
reaction time 0.139 interval		1.00	1.00	0.98	1.00	1.00	0.98	1.02	1.02	1.06	1.24			2.98	2.98	3.10
wind 0.9 m/s velocity	5.24	8.50	8.50	8.67	8.50	8.50	8.67	8.33	8.33	8.02	8.47	7.82		8.56	8.56	8.23

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19 time	2.57	3.60	4.60	5.58	6.57	7.52	8.55	9.56	10.58	11.62		12.78	5 / 1			
reaction time 0.173 interval		1.03	1.00	0.98	0.99	0.95	1.03	1.01	1.02	1.04	1.16			3.01	2.97	3.07
wind -1.0 m/s velocity	5.06	8.25	8.50	8.67	8.59	8.95	8.25	8.42	8.33	8.17	9.05	7.82		8.47	8.59	8.31

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19 time	2.55	3.59	4.58	5.59	6.58	7.56	8.56	9.58	10.59	11.62		12.78	2 / 2			
reaction time 0.153 interval		1.04	0.99	1.01	0.99	0.98	1.00	1.02	1.01	1.03	1.16			3.04	2.97	3.06
wind -1.0 m/s velocity	5.10	8.17	8.59	8.42	8.59	8.67	8.50	8.33	8.42	8.25	9.05	7.82		8.39	8.59	8.33

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 06-Oct-19 time	2.63	3.67	4.67	5.65	6.62	7.62	8.60	9.60	10.61	11.64		12.78	6 / 4			
reaction time 0.144 interval		1.04	1.00	0.98	0.97	1.00	0.98	1.00	1.01	1.03	1.14			3.02	2.95	3.04
wind 0.6 m/s velocity	4.94	8.17	8.50	8.67	8.76	8.50	8.67	8.50	8.42	8.25	8.82	7.82		8.44	8.64	8.39

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 25-Sep-20 time	2.53	3.56	4.56	5.56	6.56	7.56	8.53	9.53	10.56	11.60		12.78	5 / 1			
reaction time 0.137 interval		1.03	1.00	1.00	1.00	1.00	0.97	1.00	1.03	1.04	1.18			3.03	2.97	3.07
wind 1.1 m/s velocity	5.14	8.25	8.50	8.50	8.50	8.50	8.76	8.50	8.25	8.17	8.52	7.82		8.42	8.59	8.31

Claye, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.50	3.53	4.53	5.50	6.47	7.47	8.45	9.45	10.47	11.56		12.78	2 / 7			
reaction time 0.174 interval		1.03	1.00	0.97	0.97	1.00	0.98	1.00	1.02	1.09	1.22			3.00	2.95	3.11

wind	1.3 m/s	velocity	5.20	8.25	8.50	8.76	8.76	8.50	8.67	8.50	8.33	7.80	8.24	7.82		8.50	8.64	8.20

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 13-Jul-21 time	2.57	3.60	4.58	5.56	6.54	7.51	8.49	9.49	10.51	11.58		12.78	7 / 3			
reaction time 0.180 interval		1.03	0.98	0.98	0.98	0.97	0.98	1.00	1.02	1.07	1.20			2.99	2.93	3.09
wind 1.5 m/s velocity	5.06	8.25	8.67	8.67	8.67	8.76	8.67	8.50	8.33	7.94	8.38	7.82		8.53	8.70	8.25

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 13-Jul-21 time	2.50	3.54	4.57	5.55	6.54	7.51	8.48	9.49	10.51	11.54		12.78	6 / 4			
reaction time 0.158 interval		1.04	1.03	0.98	0.99	0.97	0.97	1.01	1.02	1.03	1.24			3.05	2.93	3.06
wind 1.5 m/s velocity	5.20	8.17	8.25	8.67	8.59	8.76	8.76	8.42	8.33	8.25	8.10	7.82		8.36	8.70	8.33

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.64	3.64	4.64	5.64	6.61	7.59	8.58	9.57	10.58	11.62		12.78	5 / 8			
reaction time 0.153 interval		1.00	1.00	1.00	0.97	0.98	0.99	0.99	1.01	1.04	1.16			3.00	2.94	3.04
wind -0.2 m/s velocity	4.92	8.50	8.50	8.50	8.76	8.67	8.59	8.59	8.42	8.17	8.66	7.82		8.50	8.67	8.39

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 28-May-22 time	2.50	3.53	4.51	5.52	6.52	7.50	8.52	9.52	10.53	11.57		12.78	6 / 8			
reaction time 0.144 interval		1.03	0.98	1.01	1.00	0.98	1.02	1.00	1.01	1.04	1.21			3.02	3.00	3.05
wind -0.7 m/s velocity	5.20	8.25	8.67	8.42	8.50	8.67	8.33	8.50	8.42	8.17	8.31	7.82		8.44	8.50	8.36

Salmon, Paula (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 25-Jun-22 time	2.65	3.65	4.65	5.63	6.61	7.60	8.59	9.60	10.62	11.65		12.78	2 / 6			
reaction time interval		1.00	1.00	0.98	0.98	0.99	0.99	1.01	1.02	1.03	1.13			2.98	2.96	3.06
wind -1.4 m/s velocity	4.91	8.50	8.50	8.67	8.67	8.59	8.59	8.42	8.33	8.25	8.89	7.82		8.56	8.61	8.33

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)													*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	2.41	3.45	4.45	5.44	6.42	7.41	8.40	9.40	10.43	11.47		12.78	7 / 3			
reaction time 0.134 interval		1.04	1.00	0.99	0.98	0.99	0.99	1.00	1.03	1.04	1.31			3.03	2.96	3.07
wind 0.2 m/s velocity	5.39	8.17	8.50	8.59	8.67	8.59	8.59	8.50	8.25	8.17	7.67	7.82		8.42	8.61	8.31

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.42	3.44	4.43	5.41	6.38	7.37	8.35	9.33	10.37	11.47		12.78	5 / 3			
reaction time 0.132 interval		1.02	0.99	0.98	0.97	0.99	0.98	0.98	1.04	1.10	1.31			2.99	2.94	3.12
wind 0.9 m/s velocity	5.37	8.33	8.59	8.67	8.76	8.59	8.67	8.67	8.17	7.73	7.67	7.82		8.53	8.67	8.17

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.62	3.62	4.63	5.62	6.62	7.62	8.62	9.62	10.64	11.66		12.78	8 / 1			
reaction time 0.177 interval	7 steps	1.00	1.01	0.99	1.00	1.00	1.00	1.00	1.02	1.02	1.12			3.00	3.00	3.04
wind 0.4 m/s velocity	4.96	8.50	8.42	8.59	8.50	8.50	8.50	8.50	8.33	8.33	8.97	7.82		8.50	8.50	8.39

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 World Athletics Championships (Budapest, HUN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 24-Aug-23 time	2.54	3.61	4.64	5.66	6.66	7.64	8.64	9.64	10.64	11.68		12.78	3 / 8			
reaction time 0.159 interval		1.07	1.03	1.02	1.00	0.98	1.00	1.00	1.00	1.04	1.10			3.12	2.98	3.04
wind -0.2 m/s velocity	5.12	7.94	8.25	8.33	8.50	8.67	8.50	8.50	8.50	8.17	9.14	7.82		8.17	8.56	8.39

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 27-Apr-24 time	2.62	3.67	4.67	5.64	6.61	7.61	8.58	9.55	10.56	11.61		12.78	1 / ~~6~~ 5			
reaction time 0.138 interval		1.05	1.00	0.97	0.97	1.00	0.97	0.97	1.01	1.05	1.17			3.02	2.94	3.03
wind 0.3 m/s velocity	4.96	8.10	8.50	8.76	8.76	8.50	8.76	8.76	8.42	8.10	8.59	7.82		8.44	8.67	8.42

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.37	3.45	4.46	5.47	6.45	7.46	8.47	9.48	10.50	11.53		12.78	5 / 3			
reaction time 0.127 interval		1.08	1.01	1.01	0.98	1.01	1.01	1.01	1.02	1.03	1.25			3.10	3.00	3.06
wind 0.3 m/s velocity	5.49	7.87	8.42	8.42	8.67	8.42	8.42	8.42	8.33	8.25	8.04	7.82		8.23	8.50	8.33

Taylor, Charisma (BAH) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.45	3.48	4.49	5.47	6.45	7.44	8.44	9.45	10.48	11.53		12.78	8 / 4			
reaction time 0.150 interval	7 steps	1.03	1.01	0.98	0.98	0.99	1.00	1.01	1.03	1.05	1.25			3.02	2.97	3.09
wind 0.8 m/s velocity	5.31	8.25	8.42	8.67	8.67	8.59	8.50	8.42	8.25	8.10	8.04	7.82		8.44	8.59	8.25

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)													*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24 time	2.43	3.47	4.48	5.48	6.45	7.43	8.43	9.44	10.47	11.50		12.78	8 / 7			
reaction time 0.119 interval		1.04	1.01	1.00	0.97	0.98	1.00	1.01	1.03	1.03	1.28			3.05	2.95	3.07
wind -0.4 m/s velocity	5.35	8.17	8.42	8.50	8.76	8.67	8.50	8.42	8.25	8.25	7.85	7.82		8.36	8.64	8.31

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Memorial van damme (Brussels, BEL)													*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24 time	2.59	3.63	4.60	5.58	6.57	7.54	8.54	9.52	10.57	11.63		12.78	6 / 7			
reaction time 0.132 interval		1.04	0.97	0.98	0.99	0.97	1.00	0.98	1.05	1.06	1.15			2.99	2.96	3.09
wind 0.4 m/s velocity	5.02	8.17	8.76	8.67	8.59	8.76	8.50	8.67	8.10	8.02	8.74	7.82		8.53	8.61	8.25

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25 time	2.40	3.45	4.45	5.45	6.44	7.43	8.42	9.43	10.45	11.49		12.78	6 / 7			
reaction time 0.161 interval		1.05	1.00	1.00	0.99	0.99	0.99	1.01	1.02	1.04	1.29			3.05	2.97	3.07
wind 0.3 m/s velocity	5.42	8.10	8.50	8.50	8.59	8.59	8.59	8.42	8.33	8.17	7.79	7.82		8.36	8.59	8.31

Anisimova, Tatyana (URS) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. USA (Leningrad, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date 11-Jul-81 time	2.60	3.61	4.62	5.62	6.62	7.62	8.62	9.62	10.62	11.64		12.79	/ 1			
reaction time interval		1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.02	1.15			3.02	3.00	3.02
wind 0.3 m/s velocity	5.00	8.42	8.42	8.50	8.50	8.50	8.50	8.50	8.50	8.33	9.13	7.82		8.44	8.50	8.44

Elloy, Laurence (FRA) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1985 Joinville, FRA													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date 12-Jun-85 time	2.44	3.45	4.43	5.41	6.39	7.36	8.36	9.39	10.40	11.42		12.79	/ 1			
reaction time interval		1.01	0.98	0.98	0.98	0.97	1.00	1.03	1.01	1.02	1.37			2.97	2.95	3.06
wind 1.4 m/s velocity	5.33	8.42	8.67	8.67	8.67	8.76	8.50	8.25	8.42	8.33	7.66	7.82		8.59	8.64	8.33

Grigoryeva, Natalya (URS) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 30-Sep-88 time	2.59	3.61	4.61	5.59	6.57	7.57	8.56	9.57	10.58	11.62		12.79	8 / 4			
reaction time 0.179 interval		1.02	1.00	0.98	0.98	1.00	0.99	1.01	1.01	1.04	1.17			3.00	2.97	3.06
wind 0.2 m/s velocity	5.02	8.33	8.50	8.67	8.67	8.50	8.59	8.42	8.42	8.17	8.97	7.82		8.50	8.59	8.33

Ewanjé-Epée, Monique (FRA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 European Cup (Frankfurt, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jun-91 time	2.59	3.64	4.64	5.64	6.64	7.63	8.63	9.62	10.62	11.64		12.79	/ 2			
reaction time interval		1.05	1.00	1.00	1.00	0.99	1.00	0.99	1.00	1.02	1.15			3.05	2.99	3.01
wind -2.1 m/s velocity	5.02	8.10	8.50	8.50	8.50	8.59	8.50	8.59	8.50	8.33	9.13	7.82		8.36	8.53	8.47

Rose, Dionne (JAM) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99 time	2.55	3.57	4.58	5.58	6.57	7.55	8.56	9.57	10.60	11.63		12.79	4 / 3			
reaction time 0.133 interval		1.02	1.01	1.00	0.99	0.98	1.01	1.01	1.03	1.03	1.16			3.03	2.98	3.07
wind 1.0 m/s velocity	5.10	8.33	8.42	8.50	8.59	8.67	8.42	8.42	8.25	8.25	9.05	7.82		8.42	8.56	8.31

Dimitrova, Svetla (BUL) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99 time	2.59	3.63	4.62	5.61	6.57	7.55	8.54	9.54	10.57	11.61		12.79	5 / 4			
reaction time 0.146 interval		1.04	0.99	0.99	0.96	0.98	0.99	1.00	1.03	1.04	1.18			3.02	2.93	3.07
wind 1.0 m/s velocity	5.02	8.17	8.59	8.59	8.85	8.67	8.59	8.50	8.25	8.17	8.90	7.82		8.44	8.70	8.31

Alozie, Glory (ESP) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02 time	2.65	3.69	4.71	5.69	6.69	7.67	8.68	9.67	10.69	11.69		12.79	/ 1			
reaction time 0.133 interval		1.04	1.02	0.98	1.00	0.98	1.01	0.99	1.02	1.00	1.10			3.04	2.99	3.01
wind 0.6 m/s velocity	4.91	8.17	8.33	8.67	8.50	8.67	8.42	8.59	8.33	8.50	9.55	7.82		8.39	8.53	8.47

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)													*USATF Men's Hurdle Development (2007)*			
date 23-Jun-07 time	2.64	3.62	4.62	5.61	6.59	7.59	8.59	9.59	10.59	11.64		12.79	/ 3			
reaction time interval		0.98	1.00	0.99	0.98	1.00	1.00	1.00	1.00	1.05	1.15			2.97	2.98	3.05
wind -1.3 m/s velocity	4.92	8.67	8.50	8.59	8.67	8.50	8.50	8.50	8.50	8.10	9.13	7.82		8.59	8.56	8.36

Carruthers, Danielle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2011 IAAF World Championships (Daegu, KOR)													*KSSB (2011) - biomechanical analysis of women's 100m hurdle*			
date 02-Sep-11 time	2.61	3.65	4.67	5.65	6.65	7.65	8.62	9.65	10.66	11.68		12.79	2 / 1			
reaction time 0.160 interval		1.04	1.02	0.98	1.00	1.00	0.97	1.03	1.01	1.02	1.11			3.04	2.97	3.06
wind 0.0 m/s velocity	4.98	8.17	8.33	8.67	8.50	8.50	8.76	8.25	8.42	8.33	9.46	7.82		8.39	8.59	8.33

Škrobáková, Lucie (CZE) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.60	3.62	4.62	5.59	6.58	7.56	8.56	9.57	10.58	11.61		12.79	4 / 1			
reaction time 0.151 interval		1.02	1.00	0.97	0.99	0.98	1.00	1.01	1.01	1.03	1.18			2.99	2.97	3.05
wind 0.3 m/s velocity	5.00	8.33	8.50	8.76	8.59	8.67	8.50	8.42	8.42	8.25	8.90	7.82		8.53	8.59	8.36

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 09-Jun-16 time	2.60	3.64	4.62	5.60	6.58	7.54	8.56	9.56	10.58	11.60		12.79	6 / 3			
reaction time 0.188 interval		1.04	0.98	0.98	0.98	0.96	1.02	1.00	1.02	1.02	1.19			3.00	2.96	3.04
wind -0.4 m/s velocity	5.00	8.17	8.67	8.67	8.67	8.85	8.33	8.50	8.33	8.33	8.82	7.82		8.50	8.61	8.39

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 29-Apr-17 time	2.53	3.56	4.56	5.56	6.56	7.56	8.53	9.53	10.53	11.56		12.79	3 / 3			
reaction time interval		1.03	1.00	1.00	1.00	1.00	0.97	1.00	1.00	1.03	1.23			3.03	2.97	3.03
wind 1.0 m/s velocity	5.14	8.25	8.50	8.50	8.50	8.50	8.76	8.50	8.50	8.25	8.54	7.82		8.42	8.59	8.42

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 09-Jul-17 time	2.52	3.54	4.54	5.50	6.48	7.48	8.46	9.48	10.50	11.56		12.79	3 / 5			
reaction time 0.148 interval		1.02	1.00	0.96	0.98	1.00	0.98	1.02	1.02	1.06	1.23			2.98	2.96	3.10
wind 0.2 m/s velocity	5.16	8.33	8.50	8.85	8.67	8.50	8.67	8.33	8.33	8.02	8.54	7.82		8.56	8.61	8.23

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.44	3.50	4.52	5.53	6.50	7.50	8.49	9.48	10.49	11.53		12.79	4 / 2			
reaction time 0.158 interval		1.06	1.02	1.01	0.97	1.00	0.99	0.99	1.01	1.04	1.26			3.09	2.96	3.04
wind 0.5 m/s velocity	5.33	8.02	8.33	8.42	8.76	8.50	8.59	8.59	8.42	8.17	8.33	7.82		8.25	8.61	8.39

Duncan, Alexis (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-May-18 time	2.50	3.54	4.57	5.53	6.55	7.53	8.53	9.53	10.56	11.56		12.79	4 / 2			
reaction time interval		1.04	1.03	0.96	1.02	0.98	1.00	1.00	1.03	1.00	1.23	PB		3.03	3.00	3.03
wind 1.2 m/s velocity	5.20	8.17	8.25	8.85	8.33	8.67	8.50	8.50	8.25	8.50	8.54	7.82		8.42	8.50	8.42

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19 time	2.53	3.53	4.56	5.55	6.53	7.55	8.52	9.55	10.56	11.62		12.79	6 / 3			
reaction time 0.131 interval		1.00	1.03	0.99	0.98	1.02	0.97	1.03	1.01	1.06	1.17			3.02	2.97	3.10
wind -1.0 m/s velocity	5.14	8.50	8.25	8.59	8.67	8.33	8.76	8.25	8.42	8.02	8.97	7.82		8.44	8.59	8.23

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 18-Aug-19 time	2.49	3.52	4.53	5.52	6.54	7.52	8.52	9.54	10.54	11.57		12.79	8 / 5			
reaction time 0.138 interval		1.03	1.01	0.99	1.02	0.98	1.00	1.02	1.00	1.03	1.22			3.03	3.00	3.05
wind -0.2 m/s velocity	5.22	8.25	8.42	8.59	8.33	8.67	8.50	8.33	8.50	8.25	8.61	7.82		8.42	8.50	8.36

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 11-Aug-20 time	2.56	3.58	4.60	5.58	6.58	7.56	8.56	9.54	10.56	11.60		12.79	6 / 2			
reaction time 0.180 interval		1.02	1.02	0.98	1.00	0.98	1.00	0.98	1.02	1.04	1.19			3.02	2.98	3.04
wind 1.2 m/s velocity	5.08	8.33	8.33	8.67	8.50	8.67	8.50	8.67	8.33	8.17	8.45	7.82		8.44	8.56	8.39

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 14-Aug-20 time	2.60	3.66	4.66	5.63	6.60	7.60	8.60	9.57	10.57	11.60		12.79	4 / 1			
reaction time 0.197 interval		1.06	1.00	0.97	0.97	1.00	1.00	0.97	1.00	1.03	1.19			3.03	2.97	3.00
wind 1.0 m/s velocity	5.00	8.02	8.50	8.76	8.76	8.50	8.50	8.76	8.50	8.25	8.45	7.82		8.42	8.59	8.50

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 15-Sep-20 time	2.52	3.56	4.56	5.56	6.56	7.54	8.52	9.52	10.56	11.62		12.79	5 / 1			
reaction time interval		1.04	1.00	1.00	1.00	0.98	0.98	1.00	1.04	1.06	1.17			3.04	2.96	3.10
wind 0.0 m/s velocity	5.16	8.17	8.50	8.50	8.50	8.67	8.67	8.50	8.17	8.02	8.59	7.82		8.39	8.61	8.23

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 2 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.50	3.50	4.50	5.50	6.47	7.47	8.50	9.50	10.50	11.58		12.79	3 / 8			
reaction time 0.193 interval		1.00	1.00	1.00	0.97	1.00	1.03	1.00	1.00	1.08	1.21			3.00	3.00	3.08
wind 1.3 m/s velocity	5.20	8.50	8.50	8.50	8.76	8.50	8.25	8.50	8.50	7.87	8.31	7.82		8.50	8.50	8.28

Sember, Cindy (GBR) (1994)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	03-Sep-21	time	2.56	3.62	4.62	5.60	6.60	7.58	8.56	9.54	10.58	11.62		12.79	2 / 4			
reaction time	0.174	interval		1.06	1.00	0.98	1.00	0.98	0.98	0.98	1.04	1.04	1.17			3.04	2.96	3.06
wind	0.7 m/s	velocity	5.08	8.02	8.50	8.67	8.50	8.67	8.67	8.67	8.17	8.17	8.59	7.82		8.39	8.61	8.33

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	09-Sep-21	time	2.46	3.50	4.50	5.48	6.46	7.44	8.44	9.46	10.50	11.54		12.79	2 / 6			
reaction time	0.140	interval		1.04	1.00	0.98	0.98	0.98	1.00	1.02	1.04	1.04	1.25			3.02	2.96	3.10
wind	0.4 m/s	velocity	5.28	8.17	8.50	8.67	8.67	8.67	8.50	8.33	8.17	8.17	8.04	7.82		8.44	8.61	8.23

Brissett, Chanel (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	22-Apr-22	time	2.63	3.63	4.63	5.61	6.59	7.59	8.59	9.59	10.59	11.63		12.79	8 / 8			
reaction time		interval		1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.00	1.04	1.16			2.98	2.98	3.04
wind	0.8 m/s	velocity	4.94	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.50	8.17	8.66	7.82		8.56	8.56	8.39

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	03-Jun-22	time	2.56	3.60	4.60	5.58	6.54	7.52	8.52	9.52	10.56	11.60		12.79	5 / 1			
reaction time		interval		1.04	1.00	0.98	0.96	0.98	1.00	1.00	1.04	1.04	1.19			3.02	2.94	3.08
wind	0.2 m/s	velocity	5.08	8.17	8.50	8.67	8.85	8.67	8.50	8.50	8.17	8.17	8.45	7.82		8.44	8.67	8.28

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	05-May-23	time	2.56	3.60	4.60	5.58	6.56	7.56	8.54	9.52	10.52	11.60		12.79	2 / 5			
reaction time	0.129	interval		1.04	1.00	0.98	0.98	1.00	0.98	0.98	1.00	1.08	1.19			3.02	2.96	3.06
wind	1.1 m/s	velocity	5.08	8.17	8.50	8.67	8.67	8.50	8.67	8.67	8.50	7.87	8.45	7.82		8.44	8.61	8.33

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Repechage 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.44	3.49	4.51	5.50	6.49	7.49	8.49	9.49	10.51	11.54		12.79	4 / 1			
reaction time	0.154	interval		1.05	1.02	0.99	0.99	1.00	1.00	1.00	1.02	1.03	1.25			3.06	2.99	3.05
wind	0.1 m/s	velocity	5.33	8.10	8.33	8.59	8.59	8.50	8.50	8.50	8.33	8.25	8.04	7.82		8.33	8.53	8.36

Lebedeva, Natalya (URS) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1976 Olympic Games (Montreal, CAN) *Ilyin (1979) - successes of women hurdlers*

date	29-Jul-76	time	2.60	3.66	4.68	5.66	6.64	7.62	8.60	9.60	10.60	11.62		12.80	8 / 3			
reaction time		interval		1.06	1.02	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.18	PB		3.06	2.94	3.02
wind	0.0 m/s	velocity	5.00	8.02	8.33	8.67	8.67	8.67	8.67	8.50	8.50	8.33	8.90	7.81		8.33	8.67	8.44

Zaczkiewicz, Claudia (FRG) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 West German National Championships (Gelsenkirchen, FRG) *Hucklekemkes (1997) - velocity in the women's 100m sprint hurdles*

date	11-Jul-87	time	2.61	3.63	4.63	5.61	6.62	7.60	8.59	9.61	10.63	11.69		12.80	/ 1			
reaction time		interval		1.02	1.00	0.98	1.01	0.98	0.99	1.02	1.02	1.06	1.11			3.00	2.98	3.10
wind	-0.2 m/s	velocity	4.98	8.33	8.50	8.67	8.42	8.67	8.59	8.33	8.33	8.02	9.46	7.81		8.50	8.56	8.23

Narozhilenko, Ludmila (URS) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1989 IAAF World Cup (Barcelona, ESP) *Gill (1990) - atletismo (I) carreras y marcha*

date	09-Sep-89	time	2.64	3.66	4.66	5.66	6.66	7.66	8.69	9.70	10.72	11.76		12.80	/ 2			
reaction time		interval		1.02	1.00	1.00	1.00	1.00	1.03	1.01	1.02	1.04	1.04			3.02	3.03	3.07
wind	-0.3 m/s	velocity	4.92	8.33	8.50	8.50	8.50	8.50	8.25	8.42	8.33	8.17	10.10	7.81		8.44	8.42	8.31

Shekhodanova, Nataliya (RUS) (1971

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 Olympic Games (Atlanta, GA) *Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*

date	31-Jul-96	time	2.45	3.50	4.48	5.45	6.43	7.44	8.46	9.47	10.51	11.51		12.80	1 / ~~7~~			
reaction time	0.160	interval		1.05	0.98	0.97	0.98	1.01	1.02	1.01	1.04	1.00	1.29	DV		3.00	3.01	3.05
wind	0.2 m/s	velocity	5.31	8.10	8.67	8.76	8.67	8.42	8.33	8.42	8.17	8.50	8.14	7.81		8.50	8.47	8.36

Devers, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	26-Aug-99	time	2.60	3.62	4.62	5.61	6.61	7.59	8.58	9.62	10.64	11.71		12.80	4 / 1			
reaction time	0.178	interval		1.02	1.00	0.99	1.00	0.98	0.99	1.04	1.02	1.07	1.09			3.01	2.97	3.13
wind	-0.1 m/s	velocity	5.00	8.33	8.50	8.59	8.50	8.67	8.59	8.17	8.33	7.94	9.63	7.81		8.47	8.59	8.15

Rose, Dionne (JAM) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	28-Aug-99	time	2.55	3.56	4.55	5.54	6.52	7.52	8.50	9.52	10.55	11.59		12.80	7 / 6			
reaction time	0.107	interval		1.01	0.99	0.99	0.98	1.00	0.98	1.02	1.03	1.04	1.21			2.99	2.96	3.09
wind	0.7 m/s	velocity	5.10	8.42	8.59	8.59	8.67	8.50	8.67	8.33	8.25	8.17	8.68	7.81		8.53	8.61	8.25

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Canadian National Championships (Toronto, CAN) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	27-Jun-09	time	2.68	3.70	4.68	5.66	6.63	7.61	8.61	9.63	10.66	11.68		12.80	/ 1			
reaction time		interval		1.02	0.98	0.98	0.97	0.98	1.00	1.02	1.03	1.02	1.12			2.98	2.95	3.07
wind	-1.4 m/s	velocity	4.85	8.33	8.67	8.67	8.76	8.67	8.50	8.33	8.25	8.33	9.37	7.81		8.56	8.64	8.31

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	25-Aug-16	time	2.56	3.58	4.60	5.58	6.54	7.52	8.52	9.54	10.56	11.60		12.80	7 / 4			
reaction time	0.145	interval		1.02	1.02	0.98	0.96	0.98	1.00	1.02	1.02	1.04	1.20			3.02	2.94	3.08
wind	0.7 m/s	velocity	5.08	8.33	8.33	8.67	8.85	8.67	8.50	8.33	8.33	8.17	8.75	7.81		8.44	8.67	8.28

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	01-Sep-16	time	2.58	3.60	4.58	5.58	6.58	7.56	8.56	9.56	10.58	11.60		12.80	4 / 5			
reaction time	0.120	interval		1.02	0.98	1.00	1.00	0.98	1.00	1.00	1.02	1.02	1.20			3.00	2.98	3.04
wind	0.4 m/s	velocity	5.04	8.33	8.67	8.50	8.50	8.67	8.50	8.50	8.33	8.33	8.75	7.81		8.50	8.56	8.39

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date	24-Aug-17	time	2.56	3.58	4.56	5.54	6.52	7.50	8.50	9.54	10.54	11.58		12.80	2 / 5			
reaction time	0.134	interval		1.02	0.98	0.98	0.98	0.98	1.00	1.04	1.00	1.04	1.22			2.98	2.96	3.08
wind	-0.3 m/s	velocity	5.08	8.33	8.67	8.67	8.67	8.67	8.50	8.17	8.50	8.17	8.61	7.81		8.56	8.61	8.28

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	10-Jun-18	time	2.56	3.56	4.56	5.56	6.54	7.52	8.54	9.56	10.56	11.60		12.80	7 / 6			
reaction time	0.173	interval		1.00	1.00	1.00	0.98	0.98	1.02	1.02	1.00	1.04	1.20			3.00	2.98	3.06
wind	1.3 m/s	velocity	5.08	8.50	8.50	8.50	8.67	8.67	8.33	8.33	8.50	8.17	8.75	7.81		8.50	8.56	8.33

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	09-Jul-18	time	2.56	3.56	4.60	5.56	6.52	7.52	8.52	9.54	10.56	11.60		12.80	3 / 5			
reaction time		interval		1.00	1.04	0.96	0.96	1.00	1.00	1.02	1.02	1.04	1.20			3.00	2.96	3.08
wind	0.9 m/s	velocity	5.08	8.50	8.17	8.85	8.85	8.50	8.50	8.33	8.33	8.17	8.75	7.81		8.50	8.61	8.28

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	31-Aug-18	time	2.46	3.48	4.48	5.46	6.44	7.40	8.40	9.44	10.48	11.54		12.80	3 / 5			
reaction time	0.142	interval		1.02	1.00	0.98	0.98	0.96	1.00	1.04	1.04	1.06	1.26			3.00	2.94	3.14
wind	0.1 m/s	velocity	5.28	8.33	8.50	8.67	8.67	8.85	8.50	8.17	8.17	8.02	8.33	7.81		8.50	8.67	8.12

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date	21-May-19	time	2.59	3.62	4.64	5.64	6.61	7.61	8.60	9.61	10.62	11.67		12.80	3 / 4			
reaction time	0.162	interval		1.03	1.02	1.00	0.97	1.00	0.99	1.01	1.01	1.05	1.13			3.05	2.96	3.07
wind	-1.0 m/s	velocity	5.02	8.25	8.33	8.50	8.76	8.50	8.59	8.42	8.42	8.10	9.29	7.81		8.36	8.61	8.31

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	08-Jun-19	time	2.56	3.60	4.60	5.56	6.53	7.50	8.50	9.50	10.50	11.53		12.80	8 / 5			
reaction time	0.182	interval		1.04	1.00	0.96	0.97	0.97	1.00	1.00	1.00	1.03	1.27			3.00	2.94	3.03
wind	0.6 m/s	velocity	5.08	8.17	8.50	8.85	8.76	8.76	8.50	8.50	8.50	8.25	8.27	7.81		8.50	8.67	8.42

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	12-Jul-19	time	2.52	3.56	4.56	5.56	6.56	7.56	8.56	9.56	10.60	11.62		12.80	2 / 5			
reaction time	0.137	interval		1.04	1.00	1.00	1.00	1.00	1.00	1.00	1.04	1.02	1.18			3.04	3.00	3.06
wind	0.1 m/s	velocity	5.16	8.17	8.50	8.50	8.50	8.50	8.50	8.50	8.17	8.33	8.90	7.81		8.39	8.50	8.33

Claye, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	20-Jul-19	time	2.52	3.52	4.52	5.50	6.50	7.50	8.50	9.52	10.52	11.56		12.80	4 / 2			
reaction time	0.149	interval		1.00	1.00	0.98	1.00	1.00	1.00	1.02	1.00	1.04	1.24			2.98	3.00	3.06
wind	-1.1 m/s	velocity	5.16	8.50	8.50	8.67	8.50	8.50	8.50	8.33	8.50	8.17	8.47	7.81		8.56	8.50	8.33

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	10-Sep-19	time	2.53	3.50	4.50	5.46	6.43	7.43	8.43	9.46	10.46	11.53		12.80	7 / 1			
reaction time	0.172	interval		0.97	1.00	0.96	0.97	1.00	1.00	1.03	1.00	1.07	1.27			2.93	2.97	3.10
wind	0.1 m/s	velocity	5.14	8.76	8.50	8.85	8.76	8.50	8.50	8.25	8.50	7.94	8.27	7.81		8.70	8.59	8.23

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	06-Oct-19	time	2.44	3.48	4.50	5.50	6.46	7.42	8.42	9.42	10.42	11.42		12.80	6 / 3			

reaction time	0.150	interval		1.04	1.02	1.00	0.96	0.96	1.00	1.00	1.00	1.00	1.38			3.06	2.92	3.00
wind	0.8 m/s	velocity	5.33	8.17	8.33	8.50	8.85	8.85	8.50	8.50	8.50	8.50	7.28	7.81		8.33	8.73	8.50

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 10-Jun-21	time	2.48	3.50	4.50	5.50	6.48	7.46	8.46	9.46	10.50	11.54		12.80	2 / 2			
reaction time 0.147	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.04	1.04	1.26			3.02	2.96	3.08
wind -0.8 m/s	velocity	5.24	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.17	8.17	7.98	7.81		8.44	8.61	8.28

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 06-Jul-21	time	2.57	3.60	4.58	5.56	6.52	7.50	8.48	9.50	10.51	11.54		12.80	1 / 4			
reaction time 0.152	interval	7 steps	1.03	0.98	0.98	0.96	0.98	0.98	1.02	1.01	1.03	1.26			2.99	2.92	3.06
wind 0.2 m/s	velocity	5.06	8.25	8.67	8.67	8.85	8.67	8.67	8.33	8.42	8.25	7.98	7.81		8.53	8.73	8.33

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 06-Jul-21	time	2.48	3.50	4.53	5.50	6.48	7.47	8.46	9.50	10.51	11.56		12.80	2 / 4			
reaction time 0.134	interval		1.02	1.03	0.97	0.98	0.99	0.99	1.04	1.01	1.05	1.24			3.02	2.96	3.10
wind 0.2 m/s	velocity	5.24	8.33	8.25	8.76	8.67	8.59	8.59	8.17	8.42	8.10	8.10	7.81		8.44	8.61	8.23

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 03-Jun-22	time	2.58	3.60	4.60	5.60	6.56	7.56	8.54	9.56	10.60	11.64		12.80	6 / 2			
reaction time	interval		1.02	1.00	1.00	0.96	1.00	0.98	1.02	1.04	1.04	1.16			3.02	2.94	3.10
wind 0.2 m/s	velocity	5.04	8.33	8.50	8.50	8.85	8.50	8.67	8.33	8.17	8.17	8.66	7.81		8.44	8.67	8.23

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23	time	2.55	3.57	4.57	5.55	6.54	7.52	8.52	9.52	10.54	11.58		12.80	3 / 5			
reaction time 0.146	interval		1.02	1.00	0.98	0.99	0.98	1.00	1.00	1.02	1.04	1.22			3.00	2.97	3.06
wind -0.4 m/s	velocity	5.10	8.33	8.50	8.67	8.59	8.67	8.50	8.50	8.33	8.17	8.24	7.81		8.50	8.59	8.33

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 19-May-24	time	2.60	3.62	4.64	5.62	6.59	7.57	8.56	9.58	10.60	11.64		12.80	6 / 1			
reaction time 0.157	interval		1.02	1.02	0.98	0.97	0.98	0.99	1.02	1.02	1.04	1.16			3.02	2.94	3.08
wind -0.6 m/s	velocity	5.00	8.33	8.33	8.67	8.76	8.67	8.59	8.33	8.33	8.17	8.66	7.81		8.44	8.67	8.28

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)													*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24	time	2.47	3.52	4.53	5.52	6.51	7.50	8.50	9.50	10.52	11.54		12.80	7 / 8			
reaction time 0.187	interval		1.05	1.01	0.99	0.99	0.99	1.00	1.00	1.02	1.02	1.26			3.05	2.98	3.04
wind -0.9 m/s	velocity	5.26	8.10	8.42	8.59	8.59	8.59	8.50	8.50	8.33	8.33	7.98	7.81		8.36	8.56	8.39

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Prefontaine Classic (Eugene, OR)													*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24	time	2.46	3.53	4.54	5.54	6.53	7.52	8.51	9.51	10.51	11.56		12.80	1 / 9			
reaction time 0.141	interval		1.07	1.01	1.00	0.99	0.99	0.99	1.00	1.00	1.05	1.24			3.08	2.97	3.05
wind -0.9 m/s	velocity	5.28	7.94	8.42	8.50	8.59	8.59	8.59	8.50	8.50	8.10	8.10	7.81		8.28	8.59	8.36

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24	time	2.38	3.44	4.42	5.38	6.36	7.39	8.42	9.44	10.47	11.52		12.80	7 / 4			
reaction time 0.139	interval		1.06	0.98	0.96	0.98	1.03	1.03	1.02	1.03	1.05	1.28			3.00	3.04	3.10
wind 0.3 m/s	velocity	5.46	8.02	8.67	8.85	8.67	8.25	8.25	8.33	8.25	8.10	7.85	7.81		8.50	8.39	8.23

Abdul-Rashid, Mariam (CAN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.47	3.52	4.53	5.52	6.50	7.47	8.44	9.44	10.46	11.51		12.80	2 / 5			
reaction time 0.149	interval		1.05	1.01	0.99	0.98	0.97	0.97	1.00	1.02	1.05	1.29			3.05	2.92	3.07
wind 0.8 m/s	velocity	5.26	8.10	8.42	8.59	8.67	8.76	8.76	8.50	8.33	8.10	7.79	7.81		8.36	8.73	8.31

Uibel-Siebert, Gloria (GDR) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 1987 IAAF World Championships (Rome, ITA)													*Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics*			
date 03-Sep-87	time	2.61	3.62	4.60	5.59	6.58	7.58	8.57	9.59	10.60	11.67		12.81	/ 1			
reaction time	interval		1.01	0.98	0.99	0.99	1.00	0.99	1.02	1.01	1.07	1.14			2.98	2.98	3.10
wind -1.6 m/s	velocity	4.98	8.42	8.67	8.59	8.59	8.50	8.59	8.33	8.42	7.94	9.21	7.81		8.56	8.56	8.23

Grigoryeva, Natalya (URS) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1988 Olympic Games (Rome, ITA)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88	time	2.65	3.67	4.67	5.67	6.65	7.63	8.63	9.63	10.63	11.71		12.81	3 / 3			
reaction time 0.176	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.08	1.10			3.02	2.96	3.08

wind	0.4 m/s	velocity	4.91	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	7.87	9.55	7.81		8.44	8.61	8.28

Ennis-London, Delloreen (JAM) (197			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)															*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date	27-Aug-99	time	2.52	3.54	4.53	5.51	6.53	7.53	8.53	9.54	10.56	11.58		12.81	1 / 4			
reaction time	0.151	interval		1.02	0.99	0.98	1.02	1.00	1.00	1.01	1.02	1.02	1.23			2.99	3.02	3.05
wind	1.9 m/s	velocity	5.16	8.33	8.59	8.67	8.33	8.50	8.50	8.42	8.33	8.33	8.54	7.81		8.53	8.44	8.36

Okori, Reina-Flor (FRA) (1980)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 2004 Olympic Games (Athens, GRE)															*Liagonne (2007) - Historique: Le 110m haies en chiffres*			
date	23-Aug-04	time	2.60	3.66	4.68	5.67	6.64	7.62	8.61	9.62	10.64	11.66		12.81	6 / 6			
reaction time	0.187	interval		1.06	1.02	0.99	0.97	0.98	0.99	1.01	1.02	1.02	1.15	=PB		3.07	2.94	3.05
wind	0.0 m/s	velocity	5.00	8.02	8.33	8.59	8.76	8.67	8.59	8.42	8.33	8.33	9.13	7.81		8.31	8.67	8.36

Whyte, Angela (CAN) (1980)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2004 Olympic Games (Athens, GRE)															*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date	24-Aug-04	time	2.56	3.59	4.58	5.57	6.57	7.56	8.53	9.55	10.61	11.64		12.81	7 / 6			
reaction time	0.139	interval		1.03	0.99	0.99	1.00	0.99	0.97	1.02	1.06	1.03	1.17			3.01	2.96	3.11
wind	0.3 m/s	velocity	5.08	8.25	8.59	8.59	8.50	8.59	8.76	8.33	8.02	8.25	8.97	7.81		8.47	8.61	8.20

Lopes-Schliep, Priscilla (CAN) (1982)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	2.55	3.60	4.61	5.64	6.66	7.66	8.67	9.68	10.70	11.72		12.81	1 / ~~6~~ 5			
reaction time	0.139	interval		1.05	1.01	1.03	1.02	1.00	1.01	1.01	1.02	1.02	1.09			3.09	3.03	3.05
wind	0.3 m/s	velocity	5.10	8.10	8.42	8.25	8.33	8.50	8.42	8.42	8.33	8.33	9.63	7.81		8.25	8.42	8.36

Harper, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	2.58	3.58	4.60	5.61	6.60	7.59	8.58	9.60	10.63	11.68		12.81	5 / 7			
reaction time	0.164	interval		1.00	1.02	1.01	0.99	0.99	0.99	1.02	1.03	1.05	1.13			3.03	2.97	3.10
wind	0.2 m/s	velocity	5.04	8.50	8.33	8.42	8.59	8.59	8.59	8.33	8.25	8.10	9.29	7.81		8.42	8.59	8.23

Talay, Alina (BLR) (1989)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 IAAF World Championships (London, GBR)															*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date	12-Aug-17	time	2.46	3.49	4.49	5.47	6.46	7.47	8.48	9.49	10.50	11.54		12.81	8 / 6			
reaction time	0.139	interval		1.03	1.00	0.98	0.99	1.01	1.01	1.01	1.01	1.04	1.27			3.01	3.01	3.06
wind	0.1 m/s	velocity	5.28	8.25	8.50	8.67	8.59	8.42	8.42	8.42	8.42	8.17	8.27	7.81		8.47	8.47	8.33

Visser, Nadine (NED) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	12-May-18	time	2.52	3.54	4.52	5.50	6.50	7.50	8.50	9.50	10.52	11.58		12.81	3 / 6			
reaction time	0.137	interval		1.02	0.98	0.98	1.00	1.00	1.00	1.00	1.02	1.06	1.23			2.98	3.00	3.08
wind	0.9 m/s	velocity	5.16	8.33	8.67	8.67	8.50	8.50	8.50	8.50	8.33	8.02	8.54	7.81		8.56	8.50	8.28

Roleder, Cindy (GER) (1989)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	12-May-18	time	2.56	3.58	4.58	5.56	6.56	7.54	8.56	9.56	10.60	11.62		12.81	1 / 7			
reaction time	0.130	interval		1.02	1.00	0.98	1.00	0.98	1.02	1.00	1.04	1.02	1.19			3.00	3.00	3.06
wind	0.9 m/s	velocity	5.08	8.33	8.50	8.67	8.50	8.67	8.33	8.50	8.17	8.33	8.82	7.81		8.50	8.50	8.33

Roleder, Cindy (GER) (1989)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	07-Jun-18	time	2.56	3.56	4.54	5.52	6.52	7.52	8.50	9.48	10.48	11.50		12.81	2 / 5			
reaction time	0.152	interval		1.00	0.98	0.98	1.00	1.00	0.98	0.98	1.00	1.02	1.31			2.96	2.98	3.00
wind	1.1 m/s	velocity	5.08	8.50	8.67	8.67	8.50	8.50	8.67	8.67	8.50	8.33	8.02	7.81		8.61	8.56	8.50

Roleder, Cindy (GER) (1989)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	09-Jul-18	time	2.60	3.60	4.60	5.60	6.60	7.56	8.58	9.60	10.60	11.64		12.81	7 / 6			
reaction time		interval		1.00	1.00	1.00	1.00	0.96	1.02	1.02	1.00	1.04	1.17			3.00	2.98	3.06
wind	0.9 m/s	velocity	5.00	8.50	8.50	8.50	8.50	8.85	8.33	8.33	8.50	8.17	8.97	7.81		8.50	8.56	8.33

Visser, Nadine (NED) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	31-Aug-18	time	2.56	3.56	4.56	5.54	6.52	7.52	8.52	9.52	10.54	11.60		12.81	8 / 6			
reaction time	0.151	interval		1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.02	1.06	1.21			2.98	2.98	3.08
wind	0.1 m/s	velocity	5.08	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.33	8.02	8.68	7.81		8.56	8.56	8.28

Jones, Cortney (USA) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	08-Jun-19	time	2.56	3.60	4.60	5.56	6.56	7.53	8.56	9.53	10.56	11.60		12.81	7 / 6			
reaction time	0.183	interval		1.04	1.00	0.96	1.00	0.97	1.03	0.97	1.03	1.04	1.21			3.00	3.00	3.04
wind	0.6 m/s	velocity	5.08	8.17	8.50	8.85	8.50	8.76	8.25	8.76	8.25	8.17	8.68	7.81		8.50	8.50	8.39

Marshall, Tonea (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)																		
date	27-Jul-19	time	2.50	3.50	4.47	5.50	6.47	7.47	8.47	9.47	10.47	11.54		12.81	8 / 6			
reaction time		interval		1.00	0.97	1.03	0.97	1.00	1.00	1.00	1.00	1.07	1.27			3.00	2.97	3.07
wind	-1.2 m/s	velocity	5.20	8.50	8.76	8.25	8.76	8.50	8.50	8.50	8.50	7.94	8.27	7.81		8.50	8.59	8.31

Henson (2020) - Athlete First: 2019 year end hurdle report

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	20-Jun-21	time	2.46	3.52	4.50	5.48	6.46	7.44	8.44	9.44	10.46	11.52		12.81	7 / 7			
reaction time	0.160	interval	7 steps	1.06	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.06	1.29			3.02	2.96	3.08
wind	1.2 m/s	velocity	5.28	8.02	8.67	8.67	8.67	8.67	8.50	8.50	8.33	8.02	7.79	7.81		8.44	8.61	8.28

Henson (2021) - Athlete First: 2021 year end hurdle report

Anderson, Britany (JAM) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)																		
date	13-Jul-21	time	2.56	3.57	4.57	5.56	6.55	7.52	8.49	9.54	10.54	11.61		12.81	5 / 5			
reaction time	0.191	interval		1.01	1.00	0.99	0.99	0.97	0.97	1.05	1.00	1.07	1.20			3.00	2.93	3.12
wind	1.5 m/s	velocity	5.08	8.42	8.50	8.59	8.59	8.76	8.76	8.10	8.50	7.94	8.37	7.81		8.50	8.70	8.17

Henson (2021) - Athlete First: 2021 year end hurdle report

Russell, Masai (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis)																		
date	11-Jun-22	time	2.52	3.57	4.62	5.61	6.59	7.59	8.59	9.57	10.57	11.57		12.81	4 / 3			
reaction time		interval		1.05	1.05	0.99	0.98	1.00	1.00	0.98	1.00	1.00	1.24			3.09	2.98	2.98
wind	-0.2 m/s	velocity	5.16	8.10	8.10	8.59	8.67	8.50	8.50	8.67	8.50	8.50	8.10	7.81		8.25	8.56	8.56

Henson (2022) - Athlete First: 2022 year end hurdle report

Visser, Nadine (NED) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)																		
date	26-Aug-22	time	2.50	3.53	4.53	5.53	6.51	7.51	8.51	9.51	10.53	11.58		12.81	1 / 7			
reaction time	0.171	interval		1.03	1.00	1.00	0.98	1.00	1.00	1.00	1.02	1.05	1.23			3.03	2.98	3.07
wind	-0.9 m/s	velocity	5.20	8.25	8.50	8.50	8.67	8.50	8.50	8.50	8.33	8.10	8.17	7.81		8.42	8.56	8.31

Henson (2022) - Athlete First: 2022 year end hurdle report

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)																		
date	02-Sep-22	time	2.47	3.50	4.50	5.50	6.47	7.47	8.47	9.50	10.54	11.58		12.81	7 / 7			
reaction time	0.136	interval		1.03	1.00	1.00	0.97	1.00	1.00	1.03	1.04	1.04	1.23			3.03	2.97	3.11
wind	0.1 m/s	velocity	5.26	8.25	8.50	8.50	8.76	8.50	8.50	8.25	8.17	8.17	8.17	7.81		8.42	8.59	8.20

Henson (2022) - Athlete First: 2022 year end hurdle report

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Athletissima (Lausanne, SUI)																		
date	30-Jun-23	time	2.43	3.46	4.46	5.44	6.43	7.42	8.41	9.43	10.46	11.52		12.81	8 / 4			
reaction time	0.139	interval		1.03	1.00	0.98	0.99	0.99	0.99	1.02	1.03	1.06	1.29			3.01	2.97	3.11
wind	-1.4 m/s	velocity	5.35	8.25	8.50	8.67	8.59	8.59	8.59	8.33	8.25	8.02	7.79	7.81		8.47	8.59	8.20

Omega Timing (2023) - diamond league race analysis

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Prefontaine Classic (Eugene, OR)																		
date	17-Sep-23	time	2.47	3.52	4.54	5.54	6.53	7.51	8.50	9.50	10.51	11.54		12.81	1 / 8			
reaction time	0.140	interval		1.05	1.02	1.00	0.99	0.98	0.99	1.00	1.01	1.03	1.27			3.07	2.96	3.04
wind	1.8 m/s	velocity	5.26	8.10	8.33	8.50	8.59	8.67	8.59	8.50	8.42	8.25	7.91	7.81		8.31	8.61	8.39

Omega Timing (2023) - diamond league race analysis

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)																		
date	27-Apr-24	time	2.55	3.61	4.61	5.59	6.57	7.55	8.54	9.54	10.56	11.62		12.81	2 / ~~7~~ 6			
reaction time	0.137	interval		1.06	1.00	0.98	0.98	0.98	0.99	1.00	1.02	1.06	1.19			3.04	2.95	3.08
wind	0.3 m/s	velocity	5.10	8.02	8.50	8.67	8.67	8.67	8.59	8.50	8.33	8.02	8.45	7.81		8.39	8.64	8.28

Henson (2024) - Athlete First: 2024 year end hurdle report

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 4 - 2024 Olympic Games (Paris, FRA)																		
date	07-Aug-24	time		3.50	4.52	5.52	6.51	7.50	8.49	9.50	10.51	11.54		12.81	2 / 3			
reaction time	0.150	interval			1.02	1.00	0.99	0.99	0.99	1.01	1.01	1.03	1.27				2.97	3.05
wind	0.0 m/s	velocity		6.14	8.33	8.50	8.59	8.59	8.59	8.42	8.42	8.25	7.91	7.81			8.59	8.36

Paris 2024 Olympic Games - Results Book (2024)

Skrzyszowska, Pia (POL) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)																		
date	26-Apr-25	time	2.49	3.53	4.55	5.53	6.53	7.50	8.49	9.47	10.50	11.55		12.81	4 / 5			
reaction time	0.144	interval		1.04	1.02	0.98	1.00	0.97	0.99	0.98	1.03	1.05	1.26			3.04	2.96	3.06
wind	-0.2 m/s	velocity	5.22	8.17	8.33	8.67	8.50	8.76	8.59	8.67	8.25	8.10	7.98	7.81		8.39	8.61	8.33

Omega Timing (2025) - diamond league race analysis

Berend, Gudrun (GDR) (1955)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1976 Olympic Games (Montreal, CAN)																		
date	29-Jul-76	time	2.58	3.62	4.64	5.64	6.62	7.62	8.62	9.62	10.64	11.66		12.82	1 / 4			
reaction time		interval		1.04	1.02	1.00	0.98	1.00	1.00	1.00	1.02	1.02	1.16			3.06	2.98	3.04
wind	0.0 m/s	velocity	5.04	8.17	8.33	8.50	8.67	8.50	8.50	8.50	8.33	8.33	9.05	7.80		8.33	8.56	8.39

Ilyin (1979) - successes of women hurdlers

Martin, LaVonna (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 1992 Olympic Games (Barcelona, ESP)															*Lyle - miscellaneous coaching notes*			
date	05-Aug-92	time	2.66	3.66	4.65	5.63	6.62	7.62	8.61	9.60	10.63	11.70		12.82	7 / 1			
reaction time		interval		1.00	0.99	0.98	0.99	1.00	0.99	0.99	1.03	1.07	1.12			2.97	2.98	3.09
wind	0.0 m/s	velocity	4.89	8.50	8.59	8.67	8.59	8.50	8.59	8.59	8.25	7.94	9.37	7.80		8.59	8.56	8.25

Martin, LaVonna (USA) (1966)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 1 - 1992 Olympic Games (Barcelona, ESP)															*Lyle - miscellaneous coaching notes*			
date	05-Aug-92	time	2.55	3.58	4.54	5.49	6.45	7.42	8.43	9.46	10.51	11.61		12.82	5 / 1			
reaction time		interval		1.03	0.96	0.95	0.96	0.97	1.01	1.03	1.05	1.10	1.21			2.94	2.94	3.18
wind	-1.5 m/s	velocity	5.10	8.25	8.85	8.95	8.85	8.76	8.42	8.25	8.10	7.73	8.68	7.80		8.67	8.67	8.02

Walker, Astia (JAM) (1975)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 Southeastern Conference Championships (Auburn, AL)															*Shaver (2002) - Hurdle training design*			
date	18-May-97	time	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.4	10.4	11.4		12.82	/ 1			
reaction time		interval		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	PB		3.01	2.95	2.92
wind	1.4 m/s	velocity	5.20	8.42	8.50	8.50	8.50	8.67	8.76	8.85	8.76	8.59	7.29	7.80		8.47	8.64	8.73

Girard, Patricia (FRA) (1968)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2002 European Championships (Munich, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	2.59	3.63	4.66	5.64	6.63	7.64	8.64	9.64	10.67	11.72		12.82	/ 1			
reaction time	0.139	interval		1.04	1.03	0.98	0.99	1.01	1.00	1.00	1.03	1.05	1.10			3.05	3.00	3.08
wind	0.0 m/s	velocity	5.02	8.17	8.25	8.67	8.59	8.42	8.50	8.50	8.25	8.10	9.55	7.80		8.36	8.50	8.28

Foster-Hylton, Brigitte (JAM) (1974)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)															*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date	21-Sep-02	time	2.49	3.49	4.50	5.49	6.49	7.49	8.49	9.50	10.54	11.60		12.82	9 / 2			
reaction time	0.144	interval		1.00	1.01	0.99	1.00	1.00	1.00	1.01	1.04	1.06	1.22			3.00	3.00	3.11
wind	1.5 m/s	velocity	5.22	8.50	8.42	8.59	8.50	8.50	8.50	8.42	8.17	8.02	8.61	7.80		8.50	8.50	8.20

Denby, Nichole (USA) (1982)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)															*USATF Men's Hurdle Development (2007)*			
date	23-Jun-07	time	2.64	3.67	4.70	5.69	6.71	7.72	8.73	9.74	10.76	11.80		12.82	/ 4			
reaction time		interval		1.03	1.03	0.99	1.02	1.01	1.01	1.01	1.02	1.04	1.02			3.05	3.04	3.07
wind	-1.3 m/s	velocity	4.92	8.25	8.25	8.59	8.33	8.42	8.42	8.42	8.33	8.17	10.29	7.80		8.36	8.39	8.31

McLellan, Sally (AUS) (1986)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)															*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	2.54	3.58	4.60	5.62	6.62	7.62	8.62	9.63	10.65	11.68		12.82	5 / ~~7~~ 6			
reaction time	0.137	interval		1.04	1.02	1.02	1.00	1.00	1.00	1.01	1.02	1.03	1.14			3.08	3.00	3.06
wind	0.3 m/s	velocity	5.12	8.17	8.33	8.33	8.50	8.50	8.50	8.42	8.33	8.25	9.21	7.80		8.28	8.50	8.33

McLellan, Sally (AUS) (1986)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	18-Aug-09	time	2.55	3.57	4.57	5.55	6.53	7.53	8.54	9.57	10.60	11.67		12.82	2 / 1			
reaction time	0.140	interval		1.02	1.00	0.98	0.98	1.00	1.01	1.03	1.03	1.07	1.15			3.00	2.99	3.13
wind	0.1 m/s	velocity	5.10	8.33	8.50	8.67	8.67	8.50	8.42	8.25	8.25	7.94	9.13	7.80		8.50	8.53	8.15

Tejeda, Anay (CUB) (1983)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	18-Aug-09	time	2.63	3.66	4.67	5.67	6.66	7.65	8.63	9.64	10.67	11.70		12.82	2 / 3			
reaction time	0.149	interval		1.03	1.01	1.00	0.99	0.99	0.98	1.01	1.03	1.03	1.12			3.04	2.96	3.07
wind	0.1 m/s	velocity	4.94	8.25	8.42	8.50	8.59	8.59	8.67	8.42	8.25	8.25	9.37	7.80		8.39	8.61	8.31

Tejeda, Anay (CUB) (1983)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	2.64	3.69	4.70	5.68	6.66	7.66	8.66	9.68	10.68	11.71		12.82	6 / 4			
reaction time	0.163	interval		1.05	1.01	0.98	0.98	1.00	1.00	1.02	1.00	1.03	1.11			3.04	2.98	3.05
wind	0.1 m/s	velocity	4.92	8.10	8.42	8.67	8.67	8.50	8.50	8.33	8.50	8.25	9.46	7.80		8.39	8.56	8.36

Dektyareva, Tatyana (RUS) (1981)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2011 IAAF World Championships (Daegu, KOR)															*KSSB (2011) - biomechanical analysis of women's 100m hurdle*			
date	03-Sep-11	time	2.63	3.66	4.68	5.66	6.64	7.63	8.63	9.64	10.66	11.70		12.82	1 / 5			
reaction time	0.161	interval		1.03	1.02	0.98	0.98	0.99	1.00	1.01	1.02	1.04	1.12			3.03	2.97	3.07
wind	1.1 m/s	velocity	4.94	8.25	8.33	8.67	8.67	8.59	8.50	8.42	8.33	8.17	9.37	7.80		8.42	8.59	8.31

Nelvis, Sharika (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)															*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date	28-May-16	time	2.44	3.46	4.50	5.48	6.48	7.48	8.48	9.48	10.52	11.56		12.82	5 / 5			
reaction time		interval	7 steps	1.02	1.04	0.98	1.00	1.00	1.00	1.00	1.04	1.04	1.26			3.04	3.00	3.08
wind	0.7 m/s	velocity	5.33	8.33	8.17	8.67	8.50	8.50	8.50	8.50	8.17	8.17	8.33	7.80		8.39	8.50	8.28

Zagré, Anne (BEL) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2021) - Athlete First: 2016 year end hurdle report*

date	09-Sep-16	time	2.56	3.60	4.58	5.56	6.56	7.54	8.54	9.54	10.54	11.58		12.82	5 / 2			
reaction time	0.152	interval		1.04	0.98	0.98	1.00	0.98	1.00	1.00	1.00	1.04	1.24			3.00	2.98	3.04
wind	0.1 m/s	velocity	5.08	8.17	8.67	8.67	8.50	8.67	8.50	8.50	8.50	8.17	8.47	7.80		8.50	8.56	8.39

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	27-May-17	time	2.56	3.60	4.62	5.64	6.62	7.60	8.60	9.60	10.60	11.60		12.82	6 / 6			
reaction time	0.163	interval		1.04	1.02	1.02	0.98	0.98	1.00	1.00	1.00	1.00	1.22			3.08	2.96	3.00
wind	0.8 m/s	velocity	5.08	8.17	8.33	8.33	8.67	8.67	8.50	8.50	8.50	8.50	8.61	7.80		8.28	8.61	8.50

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	21-Jul-17	time	2.62	3.66	4.66	5.66	6.64	7.62	8.60	9.62	10.64	11.66		12.82	8 / 7			
reaction time	0.149	interval		1.04	1.00	1.00	0.98	0.98	0.98	1.02	1.02	1.02	1.16			3.04	2.94	3.06
wind	-0.2 m/s	velocity	4.96	8.17	8.50	8.50	8.67	8.67	8.67	8.33	8.33	8.33	9.05	7.80		8.39	8.67	8.33

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	04-May-18	time	2.48	3.50	4.54	5.50	6.50	7.50	8.50	9.48	10.48	11.54		12.82	7 / 5			
reaction time	0.124	interval		1.02	1.04	0.96	1.00	1.00	1.00	0.98	1.00	1.06	1.28			3.02	3.00	3.04
wind	0.5 m/s	velocity	5.24	8.33	8.17	8.85	8.50	8.50	8.50	8.67	8.50	8.02	8.20	7.80		8.44	8.50	8.39

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	04-May-18	time	2.48	3.48	4.48	5.46	6.44	7.42	8.44	9.46	10.50	11.56		12.82	1 / 6			
reaction time	0.181	interval		1.00	1.00	0.98	0.98	0.98	1.02	1.02	1.04	1.06	1.26			2.98	2.98	3.12
wind	0.5 m/s	velocity	5.24	8.50	8.50	8.67	8.67	8.67	8.33	8.33	8.17	8.02	8.33	7.80		8.56	8.56	8.17

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	31-May-18	time	2.52	3.56	4.58	5.58	6.58	7.58	8.58	9.56	10.60	11.62		12.82	4 / 2			
reaction time	0.125	interval		1.04	1.02	1.00	1.00	1.00	1.00	0.98	1.04	1.02	1.20			3.06	3.00	3.04
wind	0.0 m/s	velocity	5.16	8.17	8.33	8.50	8.50	8.50	8.50	8.67	8.17	8.33	8.75	7.80		8.33	8.50	8.39

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	10-Jun-18	time	2.54	3.56	4.52	5.50	6.48	7.46	8.46	9.50	10.54	11.60		12.82	2 / 7			
reaction time	0.167	interval		1.02	0.96	0.98	0.98	0.98	1.00	1.04	1.04	1.06	1.22			2.96	2.96	3.14
wind	1.3 m/s	velocity	5.12	8.33	8.85	8.67	8.67	8.67	8.50	8.17	8.17	8.02	8.61	7.80		8.61	8.61	8.12

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis) *Henson (2021) - Athlete First: 2018 year end hurdle report*

date	08-Sep-18	time	2.52	3.52	4.52	5.52	6.50	7.50	8.50	9.48	10.50	11.56		12.82	2 / 3			
reaction time	0.163	interval		1.00	1.00	1.00	0.98	1.00	1.00	0.98	1.02	1.06	1.26			3.00	2.98	3.06
wind	-0.1 m/s	velocity	5.16	8.50	8.50	8.50	8.67	8.50	8.50	8.67	8.33	8.02	8.33	7.80		8.50	8.56	8.33

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Pan American Games (Lima, PER) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Aug-19	time	2.51	3.54	4.54	5.54	6.52	7.52	8.50	9.52	10.52	11.56		12.82	4 / 1			
reaction time	0.149	interval		1.03	1.00	1.00	0.98	1.00	0.98	1.02	1.00	1.04	1.26			3.03	2.96	3.06
wind	0.1 m/s	velocity	5.18	8.25	8.50	8.50	8.67	8.50	8.67	8.33	8.50	8.17	8.33	7.80		8.42	8.61	8.33

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	15-Sep-20	time	2.60	3.60	4.58	5.58	6.56	7.56	8.56	9.56	10.60	11.64		12.82	4 / 2			
reaction time		interval		1.00	0.98	1.00	0.98	1.00	1.00	1.00	1.04	1.04	1.18			2.98	2.98	3.08
wind	0.0 m/s	velocity	5.00	8.50	8.67	8.50	8.67	8.50	8.50	8.50	8.17	8.17	8.52	7.80		8.56	8.56	8.28

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 USATF Grand Prix (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	24-Apr-21	time	2.53	3.54	4.54	5.50	6.47	7.47	8.46	9.46	10.50	11.57		12.82	8 / 2			
reaction time		interval		1.01	1.00	0.96	0.97	1.00	0.99	1.00	1.04	1.07	1.25			2.97	2.96	3.11
wind	-0.3 m/s	velocity	5.14	8.42	8.50	8.85	8.76	8.50	8.59	8.50	8.17	7.94	8.04	7.80		8.59	8.61	8.20

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	12-Jun-21	time	2.50	3.54	4.54	5.54	6.54	7.54	8.55	9.54	10.57	11.61		12.82	2 / 2			
reaction time	0.138	interval		1.04	1.00	1.00	1.00	1.00	1.01	0.99	1.03	1.04	1.21			3.04	3.01	3.06
wind	0.4 m/s	velocity	5.20	8.17	8.50	8.50	8.50	8.50	8.42	8.59	8.25	8.17	8.31	7.80		8.39	8.47	8.33

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	24-Jul-22	time	2.60	3.62	4.62	5.60	6.53	7.50	8.52	9.54	10.54	11.62		12.82	8 / 7			
reaction time	0.154	interval		1.02	1.00	0.98	0.93	0.97	1.02	1.02	1.00	1.08	1.20			3.00	2.92	3.10
wind	0.9 m/s	velocity	5.00	8.33	8.50	8.67	9.14	8.76	8.33	8.33	8.50	7.87	8.37	7.80		8.50	8.73	8.23

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)

Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season

date	24-Jul-22	time	2.61	3.64	4.64	5.63	6.63	7.62	8.63	9.64	10.66	11.70		12.82	1 / 8			
reaction time	0.119	interval		1.03	1.00	0.99	1.00	0.99	1.01	1.01	1.02	1.04	1.12	NR PB		3.02	3.00	3.07
wind	0.9 m/s	velocity	4.98	8.25	8.50	8.59	8.50	8.59	8.42	8.42	8.33	8.17	8.97	7.80		8.44	8.50	8.31

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 UNF East Coast Relays (Jacksonville, FL)

Henson (2023) - Athlete First: 2023 year end hurdle report

date	29-Apr-23	time	2.60	3.65	4.65	5.67	6.67	7.67	8.69	9.69	10.70	11.73		12.82	4 / 3			
reaction time		interval		1.05	1.00	1.02	1.00	1.00	1.02	1.00	1.01	1.03	1.09			3.07	3.02	3.04
wind	3.2 m/s	velocity	5.00	8.10	8.50	8.33	8.50	8.50	8.33	8.50	8.42	8.25	9.22	7.80		8.31	8.44	8.39

Laurencin, Aasia (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)

Henson (2023) - Athlete First: 2023 year end hurdle report

date	10-Jun-23	time	2.54	3.62	4.67	5.70	6.69	7.66	8.63	9.61	10.59	11.61		12.82	9 / 7			
reaction time		interval		1.08	1.05	1.03	0.99	0.97	0.97	0.98	0.98	1.02	1.21			3.16	2.93	2.98
wind	3.8 m/s	velocity	5.12	7.87	8.10	8.25	8.59	8.76	8.76	8.67	8.67	8.33	8.31	7.80		8.07	8.70	8.56

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Prefontaine Classic (Eugene, OR)

Omega Timing (2023) - diamond league race analysis

date	17-Sep-23	time	2.45	3.49	4.49	5.47	6.44	7.41	8.39	9.39	10.40	11.42		12.82	8 / 9			
reaction time	0.140	interval		1.04	1.00	0.98	0.97	0.97	0.98	1.00	1.01	1.02	1.40			3.02	2.92	3.03
wind	1.8 m/s	velocity	5.31	8.17	8.50	8.67	8.76	8.76	8.67	8.50	8.42	8.33	7.18	7.80		8.44	8.73	8.42

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	07-Aug-24	time	2.46	3.51	4.51	5.51	6.51	7.50	8.49	9.50	10.52	11.55		12.82	8 / 3			
reaction time	0.143	interval		1.05	1.00	1.00	1.00	0.99	0.99	1.01	1.02	1.03	1.27			3.05	2.98	3.06
wind	0.0 m/s	velocity	5.28	8.10	8.50	8.50	8.50	8.59	8.59	8.42	8.33	8.25	7.91	7.80		8.36	8.56	8.33

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Repechage 2 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	08-Aug-24	time	2.42	3.49	4.50	5.50	6.48	7.47	8.48	9.49	10.53	11.58		12.82	4 / 1			
reaction time	0.151	interval		1.07	1.01	1.00	0.98	0.99	1.01	1.01	1.04	1.05	1.24			3.08	2.98	3.10
wind	0.4 m/s	velocity	5.37	7.94	8.42	8.50	8.67	8.59	8.42	8.42	8.17	8.10	8.10	7.80		8.28	8.56	8.23

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	09-Aug-24	time	2.40	3.43	4.47	5.50	6.47	7.49	8.53	9.54	10.54	11.57		12.82	5 / 6			
reaction time	0.121	interval		1.03	1.04	1.03	0.97	1.02	1.04	1.01	1.00	1.03	1.25			3.10	3.03	3.04
wind	0.5 m/s	velocity	5.42	8.25	8.17	8.25	8.76	8.33	8.17	8.42	8.50	8.25	8.04	7.80		8.23	8.42	8.39

Riefstahl-Oschkenat, Cornelia (GDR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 1987 IAAF World Championships (Rome, ITA)

Susanka (1988) - time analysis of the sprint hurdle events at the II World Championships in Athletics

date	03-Sep-87	time	2.62	3.66	4.66	5.63	6.62	7.62	8.61	9.62	10.62	11.66		12.83	/ 1			
reaction time		interval		1.04	1.00	0.97	0.99	1.00	0.99	1.01	1.00	1.04	1.17			3.01	2.98	3.05
wind	-0.8 m/s	velocity	4.96	8.17	8.50	8.76	8.59	8.50	8.59	8.42	8.50	8.17	8.97	7.79		8.47	8.56	8.36

Roberts, Trecia (THA) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)

Sanchez (1999) - Sevilla '99: análisis de la carreras con villas

date	27-Aug-99	time	2.51	3.51	4.52	5.51	6.49	7.49	8.48	9.50	10.53	11.58		12.83	7 / 5			
reaction time	0.170	interval		1.00	0.170	0.99	0.98	1.00	0.99	1.02	1.03	1.05	1.25	NR		3.00	2.97	3.10
wind	1.9 m/s	velocity	5.18	8.50	50.00	8.59	8.67	8.50	8.59	8.33	8.25	8.10	8.40	7.79		8.50	8.59	8.23

López, Aliuska (CUB) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)

Sanchez (1999) - Sevilla '99: análisis de la carreras con villas

date	27-Aug-99	time	2.53	3.55	4.56	5.55	6.54	7.51	8.52	9.54	10.57	11.62		12.83	1 / 5			
reaction time	0.130	interval		1.02	1.01	0.99	0.99	0.97	1.01	1.02	1.03	1.05	1.21			3.02	2.97	3.10
wind	1.0 m/s	velocity	5.14	8.33	8.42	8.59	8.59	8.76	8.42	8.33	8.25	8.10	8.68	7.79		8.44	8.59	8.23

Trywiańska, Aurelia (POL) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN)

Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles

date	29-Apr-07	time	2.47	3.51	4.52	5.51	6.49	7.48	8.48	9.49	10.53	11.57		12.83	/ 1			
reaction time		interval		1.04	1.01	0.99	0.98	0.99	1.00	1.01	1.04	1.04	1.26			3.04	2.97	3.09
wind	1.4 m/s	velocity	5.26	8.17	8.42	8.59	8.67	8.59	8.50	8.42	8.17	8.17	8.33	7.79		8.39	8.59	8.25

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)

Graubner (2007) - http://www.fgs.uni-halle.de

date	22-Sep-07	time	2.64	3.67	4.68	5.65	6.63	7.61	8.64	9.66	10.68	11.72		12.83	5 / 4			

reaction time	0.182	interval		1.03	1.01	0.97	0.98	0.98	1.03	1.02	1.02	1.04	1.11			3.01	2.99	3.08
wind	-0.3 m/s	velocity	4.92	8.25	8.42	8.76	8.67	8.67	8.25	8.33	8.33	8.17	9.46	7.79		8.47	8.53	8.28

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 adidas Track Classic (Carson, CA)											*Winckler (2009) - UK Athletics- National Coaching Conference*					
date 16-May-09	time	2.30	3.31	4.33	5.34	6.29	7.23	8.24	9.21	10.23	11.26		12.83	/ 2			
reaction time	interval		1.01	1.02	1.01	0.95	0.94	1.01	0.97	1.02	1.03	1.57			3.04	2.90	3.02
wind -1.1 m/s	velocity	5.65	8.42	8.33	8.42	8.95	9.04	8.42	8.76	8.33	8.25	6.69	7.79		8.39	8.79	8.44

Jones, Tenaya (USA) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)											*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*					
date 10-May-15	time	2.66	3.72	4.71	5.69	6.68	7.66	8.65	9.65	10.65	11.68		12.83	6 / 3			
reaction time 0.173	interval		1.06	0.99	0.98	0.99	0.98	0.99	1.00	1.00	1.03	1.15			3.03	2.96	3.03
wind 0.9 m/s	velocity	4.89	8.02	8.59	8.67	8.59	8.67	8.59	8.50	8.50	8.25	9.13	7.79		8.42	8.61	8.42

Hildebrand, Nadine (GER) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis)											*Henson (2021) - Athlete First: 2016 year end hurdle report*					
date 09-Sep-16	time	2.52	3.56	4.56	5.56	6.56	7.54	8.54	9.56	10.58	11.62		12.83	7 / 3			
reaction time 0.141	interval		1.04	1.00	1.00	1.00	0.98	1.00	1.02	1.02	1.04	1.21			3.04	2.98	3.08
wind 0.1 m/s	velocity	5.16	8.17	8.50	8.50	8.50	8.67	8.50	8.33	8.33	8.17	8.68	7.79		8.39	8.56	8.28

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)											*Henson (2020) - Athlete First: 2017 year end hurdle report*					
date 04-Jul-17	time	2.52	3.54	4.54	5.54	6.52	7.52	8.52	9.52	10.56	11.60		12.83	5 / 7			
reaction time 0.159	interval		1.02	1.00	1.00	0.98	1.00	1.00	1.00	1.04	1.04	1.23			3.02	2.98	3.08
wind 0.1 m/s	velocity	5.16	8.33	8.50	8.50	8.67	8.50	8.50	8.50	8.17	8.17	8.54	7.79		8.44	8.56	8.28

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)											*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*					
date 11-Aug-17	time	2.48	3.53	4.54	5.54	6.53	7.50	8.49	9.49	10.50	11.54		12.83	7 / 3			
reaction time 0.175	interval		1.05	1.01	1.00	0.99	0.97	0.99	1.00	1.01	1.04	1.29			3.06	2.95	3.05
wind 0.5 m/s	velocity	5.24	8.10	8.42	8.50	8.59	8.76	8.59	8.50	8.42	8.17	8.14	7.79		8.33	8.64	8.36

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 IAAF World Championships (London, GBR)											*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*					
date 12-Aug-17	time	2.47	3.52	4.52	5.51	6.49	7.54	8.51	9.51	10.53	11.56		12.83	2 / 7			
reaction time 0.154	interval		1.05	1.00	0.99	0.98	1.05	0.97	1.00	1.02	1.03	1.27			3.04	3.00	3.05
wind 0.1 m/s	velocity	5.26	8.10	8.50	8.59	8.67	8.10	8.76	8.50	8.33	8.25	8.27	7.79		8.39	8.50	8.36

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis)											*Henson (2020) - Athlete First: 2019 year end hurdle report*					
date 03-May-19	time	2.52	3.56	4.54	5.52	6.50	7.48	8.48	9.48	10.50	11.56		12.83	7 / 4			
reaction time 0.142	interval		1.04	0.98	0.98	0.98	0.98	1.00	1.00	1.02	1.06	1.27			3.00	2.96	3.08
wind 0.9 m/s	velocity	5.16	8.17	8.67	8.67	8.67	8.67	8.50	8.50	8.33	8.02	8.27	7.79		8.50	8.61	8.28

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)											*CAA Hurdle Development (2019)*					
date 21-May-19	time	2.56	3.61	4.64	5.64	6.65	7.64	8.64	9.63	10.62	11.67		12.83	7 / 5			
reaction time 0.149	interval		1.05	1.03	1.00	1.01	0.99	1.00	0.99	0.99	1.05	1.16			3.08	3.00	3.03
wind -1.0 m/s	velocity	5.08	8.10	8.25	8.50	8.42	8.59	8.50	8.59	8.59	8.10	9.05	7.79		8.28	8.50	8.42

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)											*Henson (2020) - Athlete First: 2019 year end hurdle report*					
date 06-Sep-19	time	2.50	3.50	4.50	5.50	6.48	7.48	8.48	9.50	10.52	11.52		12.83	8 / 4			
reaction time 0.139	interval		1.00	1.00	1.00	0.98	1.00	1.00	1.02	1.02	1.00	1.31			3.00	2.98	3.04
wind 0.0 m/s	velocity	5.20	8.50	8.50	8.50	8.67	8.50	8.50	8.33	8.33	8.50	8.02	7.79		8.50	8.56	8.39

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis)											*Henson (2020) - Athlete First: 2020 year end hurdle report*					
date 11-Aug-20	time	2.56	3.60	4.62	5.60	6.58	7.58	8.56	9.54	10.58	11.60		12.83	8 / 3			
reaction time 0.174	interval		1.04	1.02	0.98	0.98	1.00	0.98	0.98	1.04	1.02	1.23	PB		3.04	2.96	3.04
wind 1.2 m/s	velocity	5.08	8.17	8.33	8.67	8.67	8.50	8.67	8.67	8.17	8.33	8.17	7.79		8.39	8.61	8.39

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)											*Henson (2020) - Athlete First: 2020 year end hurdle report*					
date 17-Sep-20	time	2.58	3.60	4.60	5.60	6.58	7.56	8.56	9.58	10.60	11.64		12.83	5 / 2			
reaction time 0.161	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.02	1.02	1.04	1.19			3.02	2.96	3.08
wind 0.1 m/s	velocity	5.04	8.33	8.50	8.50	8.67	8.67	8.50	8.33	8.33	8.17	8.45	7.79		8.44	8.61	8.28

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Grand Prix (Eugene, OR) (TV Analysis)											*Henson (2021) - Athlete First: 2021 year end hurdle report*					
date 24-Apr-21	time	2.50	3.52	4.50	5.50	6.50	7.50	8.49	9.52	10.56	11.62		12.83	6 / 3			
reaction time	interval	7 steps	1.02	0.98	1.00	1.00	1.00	0.99	1.03	1.04	1.06	1.21			3.00	2.99	3.13

wind	-0.3 m/s	velocity	5.20	8.33	8.67	8.50	8.50	8.50	8.59	8.25	8.17	8.02	8.31	7.79		8.50	8.53	8.15

Cunningham, Gabriele (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)														*Henson (2024) - Athlete First: 2021 year end hurdle report*				
date	31-Jul-21	time	2.54	3.57	4.57	5.57	6.59	7.61	8.60	9.60	10.59	11.66		12.83	8 / 3			
reaction time	0.172	interval		1.03	1.00	1.00	1.02	1.02	0.99	1.00	0.99	1.07	1.17			3.03	3.03	3.06
wind	1.0 m/s	velocity	5.12	8.25	8.50	8.50	8.33	8.33	8.59	8.50	8.59	7.94	8.59	7.79		8.42	8.42	8.33

Zagré, Anne (BEL) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)														*Henson (2024) - Athlete First: 2021 year end hurdle report*				
date	31-Jul-21	time	2.59	3.60	4.64	5.67	6.67	7.66	8.64	9.63	10.64	11.67		12.83	8 / 3			
reaction time	0.153	interval		1.01	1.04	1.03	1.00	0.99	0.98	0.99	1.01	1.03	1.16			3.08	2.97	3.03
wind	0.3 m/s	velocity	5.02	8.42	8.17	8.25	8.50	8.59	8.67	8.59	8.42	8.25	8.66	7.79		8.28	8.59	8.42

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Athletissima (Lausanne, SUI) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	26-Aug-22	time	2.50	3.50	4.50	5.50	6.51	7.51	8.51	9.54	10.57	11.63		12.83	2 / 8			
reaction time	0.129	interval		1.00	1.00	1.00	1.01	1.00	1.00	1.03	1.03	1.06	1.20			3.00	3.01	3.12
wind	-0.9 m/s	velocity	5.20	8.50	8.50	8.50	8.42	8.50	8.50	8.25	8.25	8.02	8.38	7.79		8.50	8.47	8.17

Glasco, Alexis (USA) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 UNF East Coast Relays (Jacksonville, FL)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	29-Apr-23	time	2.63	3.63	4.63	5.66	6.64	7.62	8.62	9.63	10.64	11.72		12.83	3 / 4			
reaction time		interval		1.00	1.00	1.03	0.98	0.98	1.00	1.01	1.01	1.08	1.11			3.03	2.96	3.10
wind	3.2 m/s	velocity	4.94	8.50	8.50	8.25	8.67	8.67	8.50	8.42	8.42	7.87	9.05	7.79		8.42	8.61	8.23

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Athletissima (Lausanne, SUI)														*Omega Timing (2023) - diamond league race analysis*				
date	30-Jun-23	time	2.43	3.47	4.48	5.47	6.46	7.45	8.44	9.45	10.47	11.50		12.83	7 / 5			
reaction time	0.142	interval		1.04	1.01	0.99	0.99	0.99	0.99	1.01	1.02	1.03	1.33			3.04	2.97	3.06
wind	-1.4 m/s	velocity	5.35	8.17	8.42	8.59	8.59	8.59	8.59	8.42	8.33	8.25	7.56	7.79		8.39	8.59	8.33

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Athletissima (Lausanne, SUI)														*Omega Timing (2023) - diamond league race analysis*				
date	30-Jun-23	time	2.45	3.51	4.53	5.54	6.53	7.52	8.52	9.53	10.54	11.57		12.83	2 / 6			
reaction time	0.154	interval		1.06	1.02	1.01	0.99	0.99	1.00	1.01	1.01	1.03	1.26			3.09	2.98	3.05
wind	-1.4 m/s	velocity	5.31	8.02	8.33	8.42	8.59	8.59	8.50	8.42	8.42	8.25	7.98	7.79		8.25	8.56	8.36

Sember, Cindy (GBR) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	22-Aug-23	time	2.60	3.64	4.64	5.62	6.60	7.59	8.58	9.58	10.60	11.63		12.83	8 / 4			
reaction time	0.173	interval		1.04	1.00	0.98	0.98	0.99	0.99	1.00	1.02	1.03	1.20			3.02	2.96	3.05
wind	0.1 m/s	velocity	5.00	8.17	8.50	8.67	8.67	8.59	8.59	8.50	8.33	8.25	8.38	7.79		8.44	8.61	8.36

Tapper, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis)														*Henson (2024) - Athlete First: 2024 year end hurdle report*				
date	27-Apr-24	time	2.57	3.61	4.61	5.57	6.54	7.54	8.56	9.58	10.61	11.64		12.83	8 / ~~8~~ 7			
reaction time	0.123	interval		1.04	1.00	0.96	0.97	1.00	1.02	1.02	1.03	1.03	1.19			3.00	2.99	3.08
wind	0.3 m/s	velocity	5.06	8.17	8.50	8.85	8.76	8.50	8.33	8.33	8.25	8.25	8.45	7.79		8.50	8.53	8.28

Webster, Alexandra (USA) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)														*Henson (2024) - Athlete First: 2024 year end hurdle report*				
date	28-Jun-24	time	2.63	3.67	4.69	5.70	6.70	7.70	8.69	9.67	10.67	11.67		12.83	3 / 3			
reaction time		interval		1.04	1.02	1.01	1.00	1.00	0.99	0.98	1.00	1.00	1.16			3.07	2.99	2.98
wind	1.7 m/s	velocity	4.94	8.17	8.33	8.42	8.50	8.50	8.59	8.67	8.50	8.50	8.66	7.79		8.31	8.53	8.56

Jones, Rayniah (USA) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)														*Henson (2024) - Athlete First: 2024 year end hurdle report*				
date	29-Jun-24	time	2.58	3.63	4.62	5.62	6.60	7.60	8.59	9.59	10.61	11.67		12.83	6 / 3			
reaction time		interval		1.05	0.99	1.00	0.98	1.00	0.99	1.00	1.02	1.06	1.16			3.04	2.97	3.08
wind	1.0 m/s	velocity	5.04	8.10	8.59	8.50	8.67	8.50	8.59	8.50	8.33	8.02	8.66	7.79		8.39	8.59	8.28

Caicedo, Maribel (ECU) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Repechage 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*				
date	08-Aug-24	time	2.48	3.53	4.54	5.53	6.51	7.51	8.52	9.53	10.55	11.58		12.83	2 / 2			
reaction time	0.165	interval		1.05	1.01	0.99	0.98	1.00	1.01	1.01	1.02	1.03	1.25			3.05	2.99	3.06
wind	0.4 m/s	velocity	5.24	8.10	8.42	8.59	8.67	8.50	8.42	8.42	8.33	8.25	8.04	7.79		8.36	8.53	8.33

Hurske, Reetta (FIN) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Repechage 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*				
date	08-Aug-24	time	2.45	3.50	4.50	5.50	6.48	7.48	8.48	9.49	10.52	11.56		12.83	6 / 3			
reaction time	0.145	interval		1.05	1.00	1.00	0.98	1.00	1.00	1.01	1.03	1.04	1.27			3.05	2.98	3.08
wind	0.4 m/s	velocity	5.31	8.10	8.50	8.50	8.67	8.50	8.50	8.42	8.25	8.17	7.91	7.79		8.36	8.56	8.28

Bufanu, Valeria (ROU) (1946)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1972 Olympic Games (Munich, FRG)													*Kay (1972) - BAAB Munich Technical Report*			
date 08-Sep-72 time	2.6	3.6	4.7	5.7	6.7	7.6	8.6	9.6	10.6	11.7		12.84	7 / 2			
reaction time interval		1.00	1.10	1.00	1.00	0.90	1.00	1.00	1.00	1.10	1.14	PB		3.10	2.90	3.10
wind -0.6 m/s velocity	5.00	8.50	7.73	8.50	8.50	9.44	8.50	8.50	8.50	7.73	9.21	7.79		8.23	8.79	8.23

Carruthers, Danielle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.50	3.57	4.57	5.59	6.57	7.57	8.56	9.56	10.59	11.63		12.84	2 / ~~6~~ 5			
reaction time interval		1.07	1.00	1.02	0.98	1.00	0.99	1.00	1.03	1.04	1.21			3.09	2.97	3.07
wind -0.1 m/s velocity	5.20	7.94	8.50	8.33	8.67	8.50	8.59	8.50	8.25	8.17	8.68	7.79		8.25	8.59	8.31

Claxton, Sarah (GBR) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.57	3.60	4.59	5.58	6.53	7.53	8.53	9.55	10.61	11.66		12.84	3 / 4			
reaction time 0.145 interval		1.03	0.99	0.99	0.95	1.00	1.00	1.02	1.06	1.05	1.18			3.01	2.95	3.13
wind 0.2 m/s velocity	5.06	8.25	8.59	8.59	8.95	8.50	8.50	8.33	8.02	8.10	8.90	7.79		8.47	8.64	8.15

Billaud, Cindy (FRA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13 time	2.56	3.60	4.60	5.58	6.56	7.54	8.54	9.54	10.56	11.60		12.84	3 / 7			
reaction time 0.165 interval		1.04	1.00	0.98	0.98	0.98	1.00	1.00	1.02	1.04	1.24			3.02	2.96	3.06
wind -0.6 m/s velocity	5.08	8.17	8.50	8.67	8.67	8.67	8.50	8.50	8.33	8.17	8.47	7.79		8.44	8.61	8.33

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-May-18 time	2.46	3.50	4.53	5.53	6.51	7.50	8.50	9.53	10.55	11.63		12.84	6 / 3			
reaction time interval		1.04	1.03	1.00	0.98	0.99	1.00	1.03	1.02	1.08	1.21	PB		3.07	2.97	3.13
wind 1.2 m/s velocity	5.28	8.17	8.25	8.50	8.67	8.59	8.50	8.25	8.33	7.87	8.68	7.79		8.31	8.59	8.15

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 13-Jun-19 time	2.64	3.68	4.68	5.68	6.68	7.66	8.64	9.64	10.66	11.68		12.84	6 / 3			
reaction time 0.145 interval		1.04	1.00	1.00	1.00	0.98	0.98	1.00	1.02	1.02	1.16			3.04	2.96	3.04
wind 1.1 m/s velocity	4.92	8.17	8.50	8.50	8.50	8.67	8.67	8.50	8.33	8.33	9.05	7.79		8.39	8.61	8.39

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Sep-19 time	2.50	3.50	4.52	5.50	6.50	7.50	8.50	9.50	10.54	11.61		12.84	2 / 5			
reaction time 0.136 interval		1.00	1.02	0.98	1.00	1.00	1.00	1.00	1.04	1.07	1.23			3.00	3.00	3.11
wind 0.0 m/s velocity	5.20	8.50	8.33	8.67	8.50	8.50	8.50	8.50	8.17	7.94	8.54	7.79		8.50	8.50	8.20

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 12-Jun-21 time	2.53	3.57	4.58	5.57	6.56	7.54	8.54	9.56	10.58	11.66		12.84	4 / 3			
reaction time 0.148 interval		1.04	1.01	0.99	0.99	0.98	1.00	1.02	1.02	1.08	1.18			3.04	2.97	3.12
wind 0.4 m/s velocity	5.14	8.17	8.42	8.59	8.59	8.67	8.50	8.33	8.33	7.87	8.52	7.79		8.39	8.59	8.17

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.56	3.62	4.60	5.58	6.56	7.54	8.53	9.53	10.53	11.56		12.84	8 / 8			
reaction time 0.162 interval		1.06	0.98	0.98	0.98	0.98	0.99	1.00	1.00	1.03	1.28			3.02	2.95	3.03
wind 1.2 m/s velocity	5.08	8.02	8.67	8.67	8.67	8.67	8.59	8.50	8.50	8.25	7.85	7.79		8.44	8.64	8.42

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.43	3.45	4.45	5.47	6.47	7.47	8.47	9.49	10.54	11.59		12.84	1 / 8			
reaction time 0.153 interval		1.02	1.00	1.02	1.00	1.00	1.00	1.02	1.05	1.05	1.25			3.04	3.00	3.12
wind 0.8 m/s velocity	5.35	8.33	8.50	8.33	8.50	8.50	8.50	8.33	8.10	8.10	8.04	7.79		8.39	8.50	8.17

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.61	3.63	4.63	5.62	6.62	7.59	8.57	9.58	10.61	11.66		12.84	9 / 4			
reaction time 0.135 interval		1.02	1.00	0.99	1.00	0.97	0.98	1.01	1.03	1.05	1.18			3.01	2.95	3.09
wind 0.4 m/s velocity	4.98	8.33	8.50	8.59	8.50	8.76	8.67	8.42	8.25	8.10	8.52	7.79		8.47	8.64	8.25

Siciarz, Klaudia (POL) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.46	3.51	4.54	5.53	6.51	7.51	8.51	9.54	10.57	11.62		12.84	2 / 5			
reaction time 0.146 interval	7 steps	1.05	1.03	0.99	0.98	1.00	1.00	1.03	1.03	1.05	1.22			3.07	2.98	3.11
wind -0.8 m/s velocity	5.28	8.10	8.25	8.59	8.67	8.50	8.50	8.25	8.25	8.10	8.24	7.79		8.31	8.56	8.20

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Prefontaine Classic (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 28-May-22 time	2.53	3.56	4.56	5.56	6.56	7.55	8.56	9.56	10.58	11.68		12.84	9 / 9			
reaction time 0.115 interval		1.03	1.00	1.00	1.00	0.99	1.01	1.00	1.02	1.10	1.16			3.03	3.00	3.12
wind -0.7 m/s velocity	5.14	8.25	8.50	8.50	8.50	8.59	8.42	8.50	8.33	7.73	8.66	7.79		8.42	8.50	8.17

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.45	3.47	4.47	5.47	6.45	7.40	8.43	9.46	10.50	11.53		12.84	3 / 3			
reaction time 0.131 interval		1.02	1.00	1.00	0.98	0.95	1.03	1.03	1.04	1.03	1.31			3.02	2.96	3.10
wind -0.4 m/s velocity	5.31	8.33	8.50	8.50	8.67	8.95	8.25	8.25	8.17	8.25	7.67	7.79		8.44	8.61	8.23

Bonds, Talie (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 24-Jun-23 time	2.58	3.64	4.64	5.64	6.64	7.64	8.62	9.64	10.66	11.69		12.84	8 / 7			
reaction time 0.164 interval		1.06	1.00	1.00	1.00	1.00	0.98	1.02	1.02	1.03	1.15			3.06	2.98	3.07
wind 2.8 m/s velocity	5.04	8.02	8.50	8.50	8.50	8.50	8.67	8.33	8.33	8.25	8.74	7.79		8.33	8.56	8.31

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.54	3.57	4.57	5.57	6.57	7.55	8.57	9.59	10.63	11.68		12.84	9 / 6			
reaction time 0.145 interval		1.03	1.00	1.00	1.00	0.98	1.02	1.02	1.04	1.05	1.16			3.03	3.00	3.11
wind 0.8 m/s velocity	5.12	8.25	8.50	8.50	8.50	8.67	8.33	8.33	8.17	8.10	8.66	7.79		8.42	8.50	8.20

Laurencin, Aasia (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.64	3.67	4.65	5.65	6.65	7.65	8.65	9.67	10.68	11.71		12.84	2 / 3			
reaction time interval		1.03	0.98	1.00	1.00	1.00	1.00	1.02	1.01	1.03	1.13			3.01	3.00	3.06
wind 0.1 m/s velocity	4.92	8.25	8.67	8.50	8.50	8.50	8.50	8.33	8.42	8.25	8.89	7.79		8.47	8.50	8.33

Webster, Alexandra (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24 time	2.63	3.67	4.71	5.71	6.69	7.65	8.62	9.61	10.64	11.67		12.84	7 / 4			
reaction time interval		1.04	1.04	1.00	0.98	0.96	0.97	0.99	1.03	1.03	1.17			3.08	2.91	3.05
wind 1.0 m/s velocity	4.94	8.17	8.17	8.50	8.67	8.85	8.76	8.59	8.25	8.25	8.59	7.79		8.28	8.76	8.36

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 07-Jul-24 time	2.55	3.55	4.57	5.58	6.58	7.57	8.61	9.62	10.63	11.68		12.84	8 / 7			
reaction time 0.130 interval		1.00	1.02	1.01	1.00	0.99	1.04	1.01	1.01	1.05	1.16			3.03	3.03	3.07
wind 1.6 m/s velocity	5.10	8.50	8.33	8.42	8.50	8.59	8.17	8.42	8.42	8.10	8.66	7.79		8.42	8.42	8.31

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.44	3.49	4.50	5.49	6.47	7.45	8.45	9.46	10.47	11.54		12.84	4 / 3			
reaction time 0.139 interval		1.05	1.01	0.99	0.98	0.98	1.00	1.01	1.01	1.07	1.30			3.05	2.96	3.09
wind -0.1 m/s velocity	5.33	8.10	8.42	8.59	8.67	8.67	8.50	8.42	8.42	7.94	7.73	7.79		8.36	8.61	8.25

Knabe, Kerstin (GDR) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. GDR (Tbilisi, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date 26-Jun-81 time	2.56	3.59	4.61	5.63	6.65	7.66	8.67	9.67	10.69	11.72		12.85	/ 2			
reaction time interval		1.03	1.02	1.02	1.02	1.01	1.01	1.00	1.02	1.03	1.13			3.07	3.04	3.05
wind 0.0 m/s velocity	5.08	8.25	8.33	8.33	8.33	8.42	8.42	8.50	8.33	8.25	9.29	7.78		8.31	8.39	8.36

Korotya, Irina (RUS) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date 23-Aug-98 time	2.61	3.66	4.68	5.67	6.66	7.63	8.65	9.68	10.70	11.75		12.85	3 / 3			
reaction time interval		1.05	1.02	0.99	0.99	0.97	1.02	1.03	1.02	1.05	1.10			3.06	2.98	3.10
wind 1.5 m/s velocity	4.98	8.10	8.33	8.59	8.59	8.76	8.33	8.25	8.33	8.10	9.55	7.78		8.33	8.56	8.23

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Bislett Games (Oslo, NOR)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 03-Jul-09 time	2.29	3.29	4.34	5.33	6.29	7.31	8.33	9.28	10.23	11.32		12.85	/ 5			
reaction time 0.226 interval		1.00	1.05	0.99	0.96	1.02	1.02	0.95	0.95	1.09	1.53			3.04	3.00	2.99
wind -0.8 m/s velocity	5.68	8.50	8.10	8.59	8.85	8.33	8.33	8.95	8.95	7.80	6.86	7.78		8.39	8.50	8.53

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 16-Jun-16 time	2.46	3.46	4.48	5.44	6.44	7.44	8.44	9.48	10.50	11.56		12.85	2 / 2			
reaction time 0.145 interval		1.00	1.02	0.96	1.00	1.00	1.00	1.04	1.02	1.06	1.29			2.98	3.00	3.12
wind -0.4 m/s velocity	5.28	8.50	8.33	8.85	8.50	8.50	8.50	8.17	8.33	8.02	8.14	7.78		8.56	8.50	8.17

Wu Shuijiao (CHN) (1991)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 World Challenge (Beijing, CHN) *Liu (2017) - study on the characteristics of speed rhythm of athletes at different levels of women's 100m hurdles*

date	20-May-15	time	2.39	3.41	4.42	5.42	6.39	7.39	8.38	9.39	10.42	11.47		12.85	/ 1			
reaction time		interval		1.02	1.01	1.00	0.97	1.00	0.99	1.01	1.03	1.05	1.38			3.03	2.96	3.09
wind	0.8 m/s	velocity	5.44	8.33	8.42	8.50	8.76	8.50	8.59	8.42	8.25	8.10	7.61	7.78		8.42	8.61	8.25

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	28-May-16	time	2.52	3.52	4.54	5.52	6.50	7.50	8.48	9.50	10.54	11.58		12.85	8 / 6			
reaction time		interval		1.00	1.02	0.98	0.98	1.00	0.98	1.02	1.04	1.04	1.27			3.00	2.96	3.10
wind	0.7 m/s	velocity	5.16	8.50	8.33	8.67	8.67	8.50	8.67	8.33	8.17	8.17	8.27	7.78		8.50	8.61	8.23

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 IAAF World Junior Championships (Bydgoszcz, POL) *(2016.07.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	24-Jul-16	time	2.66	3.69	4.69	5.67	6.65	7.63	8.64	9.63	10.66	11.68		12.85	4 / 1			
reaction time	0.160	interval		1.03	1.00	0.98	0.98	0.98	1.01	0.99	1.03	1.02	1.17	AJR		3.01	2.97	3.04
wind	2.0 m/s	velocity	4.89	8.25	8.50	8.67	8.67	8.67	8.42	8.59	8.25	8.33	8.97	7.78		8.47	8.59	8.39

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.47	3.52	4.52	5.50	6.50	7.48	8.47	9.48	10.50	11.55		12.85	6 / 2			
reaction time	0.119	interval		1.05	1.00	0.98	1.00	0.98	0.99	1.01	1.02	1.05	1.30			3.03	2.97	3.08
wind	0.5 m/s	velocity	5.26	8.10	8.50	8.67	8.50	8.67	8.59	8.42	8.33	8.10	8.08	7.78		8.42	8.59	8.28

Camacho-Quinn, Jasmine (PUR) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	03-May-19	time	2.56	3.58	4.60	5.60	6.58	7.56	8.56	9.56	10.58	11.62		12.85	8 / 5			
reaction time	0.182	interval		1.02	1.02	1.00	0.98	0.98	1.00	1.00	1.02	1.04	1.23			3.04	2.96	3.06
wind	0.9 m/s	velocity	5.08	8.33	8.33	8.50	8.67	8.67	8.50	8.50	8.33	8.17	8.54	7.78		8.39	8.61	8.33

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	30-May-19	time	2.52	3.58	4.58	5.60	6.60	7.60	8.60	9.60	10.60	11.64		12.85	6 / 3			
reaction time	0.129	interval		1.06	1.00	1.02	1.00	1.00	1.00	1.00	1.00	1.04	1.21			3.08	3.00	3.04
wind	1.3 m/s	velocity	5.16	8.02	8.50	8.33	8.50	8.50	8.50	8.50	8.50	8.17	8.68	7.78		8.28	8.50	8.39

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	10-Jun-21	time	2.60	3.66	4.64	5.64	6.62	7.60	8.60	9.60	10.62	11.64		12.85	3 / 3			
reaction time	0.132	interval		1.06	0.98	1.00	0.98	0.98	1.00	1.00	1.02	1.02	1.21			3.04	2.96	3.04
wind	-0.8 m/s	velocity	5.00	8.02	8.67	8.50	8.67	8.67	8.50	8.50	8.33	8.33	8.31	7.78		8.39	8.61	8.39

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	06-Jul-21	time	2.57	3.58	4.58	5.54	6.54	7.54	8.54	9.54	10.57	11.62		12.85	5 / 6			
reaction time	0.152	interval		1.01	1.00	0.96	1.00	1.00	1.00	1.00	1.03	1.05	1.23			2.97	3.00	3.08
wind	0.2 m/s	velocity	5.06	8.42	8.50	8.85	8.50	8.50	8.50	8.50	8.25	8.10	8.17	7.78		8.59	8.50	8.28

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	06-Jul-21	time	2.50	3.54	4.57	5.54	6.54	7.54	8.54	9.54	10.57	11.64		12.85	6 / 7			
reaction time	0.150	interval		1.04	1.03	0.97	1.00	1.00	1.00	1.00	1.03	1.07	1.21			3.04	3.00	3.10
wind	0.2 m/s	velocity	5.20	8.17	8.25	8.76	8.50	8.50	8.50	8.50	8.25	7.94	8.31	7.78		8.39	8.50	8.23

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.53	3.55	4.57	5.56	6.56	7.56	8.56	9.56	10.59	11.68		12.85	6 / 4			
reaction time	0.139	interval		1.02	1.02	0.99	1.00	1.00	1.00	1.00	1.03	1.09	1.17			3.03	3.00	3.12
wind	0.3 m/s	velocity	5.14	8.33	8.33	8.59	8.50	8.50	8.50	8.50	8.25	7.80	8.59	7.78		8.42	8.50	8.17

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN) *CAA Hurdle Development (2021)*

date	21-Sep-21	time	2.49	3.51	4.51	5.52	6.50	7.49	8.49	9.51	10.53	11.60		12.85	6 / 1			
reaction time	0.147	interval		1.02	1.00	1.01	0.98	0.99	1.00	1.02	1.02	1.07	1.25	PB		3.03	2.97	3.11
wind	0.1 m/s	velocity	5.22	8.33	8.50	8.42	8.67	8.59	8.50	8.33	8.33	7.94	8.04	7.78		8.42	8.59	8.20

Salmon, Paula (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	11-Jun-22	time	2.55	3.55	4.59	5.57	6.57	7.57	8.57	9.57	10.57	11.60		12.85	6 / 4			
reaction time		interval		1.00	1.04	0.98	1.00	1.00	1.00	1.00	1.00	1.03	1.25			3.02	3.00	3.03
wind	-0.2 m/s	velocity	5.10	8.50	8.17	8.67	8.50	8.50	8.50	8.50	8.50	8.25	8.04	7.78		8.44	8.50	8.42

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	14-Jun-22	time	2.56	3.58	4.58	5.58	6.56	7.54	8.56	9.58	10.62	11.66		12.85	3 / 4			
reaction time	0.122	interval		1.02	1.00	1.00	0.98	0.98	1.02	1.02	1.04	1.04	1.19			3.02	2.98	3.10
wind	0.2 m/s	velocity	5.08	8.33	8.50	8.50	8.67	8.67	8.33	8.33	8.17	8.17	8.45	7.78		8.44	8.56	8.23

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	05-Aug-22	time	2.60	3.63	4.63	5.60	6.60	7.60	8.58	9.60	10.63	11.67		12.85	6 / 3			
reaction time	0.137	interval		1.03	1.00	0.97	1.00	1.00	0.98	1.02	1.03	1.04	1.18			3.00	2.98	3.09
wind	2.4 m/s	velocity	5.00	8.25	8.50	8.76	8.50	8.50	8.67	8.33	8.25	8.17	8.52	7.78		8.50	8.56	8.25

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	2.40	3.46	4.49	5.48	6.47	7.47	8.47	9.48	10.50	11.56		12.85	3 / 4			
reaction time	0.141	interval		1.06	1.03	0.99	0.99	1.00	1.00	1.01	1.02	1.06	1.29			3.08	2.99	3.09
wind	0.9 m/s	velocity	5.42	8.02	8.25	8.59	8.59	8.50	8.50	8.42	8.33	8.02	7.79	7.78		8.28	8.53	8.25

Huven, Destiny (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	08-Jun-24	time	2.57	3.63	4.67	5.67	6.64	7.66	8.66	9.67	10.68	11.70		12.85	2 / 5			
reaction time		interval		1.06	1.04	1.00	0.97	1.02	1.00	1.01	1.01	1.02	1.15			3.10	2.99	3.04
wind	-0.5 m/s	velocity	5.06	8.02	8.17	8.50	8.76	8.33	8.50	8.42	8.42	8.33	8.74	7.78		8.23	8.53	8.39

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	29-Jun-24	time	2.64	3.69	4.69	5.69	6.69	7.69	8.68	9.67	10.67	11.69		12.85	5 / 5			
reaction time		interval		1.05	1.00	1.00	1.00	1.00	0.99	0.99	1.00	1.02	1.16			3.05	2.99	3.01
wind	0.8 m/s	velocity	4.92	8.10	8.50	8.50	8.50	8.50	8.59	8.59	8.50	8.33	8.66	7.78		8.36	8.53	8.47

Bonds, Talie (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	30-Jun-24	time	2.57	3.60	4.61	5.61	6.60	7.59	8.59	9.60	10.62	11.66		12.85	1 / 8			
reaction time		interval		1.03	1.01	1.00	0.99	0.99	1.00	1.01	1.02	1.04	1.19			3.04	2.98	3.07
wind	0.7 m/s	velocity	5.06	8.25	8.42	8.50	8.59	8.59	8.50	8.42	8.33	8.17	8.45	7.78		8.39	8.56	8.31

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.43	3.49	4.50	5.49	6.49	7.49	8.49	9.52	10.55	11.59		12.85	2 / 4			
reaction time	0.150	interval		1.06	1.01	0.99	1.00	1.00	1.00	1.03	1.03	1.04	1.26			3.06	3.00	3.10
wind	-0.1 m/s	velocity	5.35	8.02	8.42	8.59	8.50	8.50	8.50	8.25	8.25	8.17	7.98	7.78		8.33	8.50	8.23

Caicedo, Maribel (ECU) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL) *Omega Timing (2024) - diamond league race analysis*

date	25-Aug-24	time	2.44	3.49	4.46	5.45	6.46	7.44	8.46	9.48	10.51	11.56		12.85	8 / 5			
reaction time	0.158	interval		1.05	0.97	0.99	1.01	0.98	1.02	1.02	1.03	1.05	1.29			3.01	3.01	3.10
wind	-0.3 m/s	velocity	5.33	8.06	8.80	8.59	8.42	8.67	8.33	8.33	8.25	8.10	7.79	7.78		8.47	8.47	8.23

Morgulina, Nina (URS) (1956)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1978 European Championships (Prague, TCH) *Lamare (1978) - championnats d'Europa 1978*

date	02-Sep-78	time	2.67				6.56							12.86	3 / 4			
reaction time		interval					3.89											
wind	0.6 m/s	velocity	4.87				8.74							7.78				

Tolbert, Lynda (USA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1989 IAAF World Cup (Barcelona, ESP) *Gill (1990) - atletismo (I) carreras y marcha*

date	09-Sep-89	time	2.57	3.61	4.62	5.64	6.64	7.65	8.68	9.69	10.72	11.77		12.86	/ 3			
reaction time		interval		1.04	1.01	1.02	1.00	1.01	1.03	1.01	1.03	1.05	1.09			3.07	3.04	3.09
wind	-0.33 m/s	velocity	5.06	8.17	8.42	8.33	8.50	8.42	8.25	8.42	8.25	8.10	9.63	7.78		8.31	8.39	8.25

Laukhova, Svetlana (RUS) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	27-Aug-99	time	2.53	3.55	4.54	5.53	6.54	7.52	8.52	9.54	10.57	11.61		12.86	2 / 6			
reaction time	0.133	interval		1.02	0.99	0.99	1.01	0.98	1.00	1.02	1.03	1.04	1.25			3.00	2.99	3.09
wind	1.9 m/s	velocity	5.14	8.33	8.59	8.59	8.42	8.67	8.50	8.33	8.25	8.17	8.40	7.78		8.50	8.53	8.25

Korotya, Irina (RUS) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	27-Aug-99	time	2.62	3.65	4.64	5.62	6.60	7.60	8.59	9.61	10.62	11.65		12.86	8 / 6			
reaction time	0.148	interval		1.03	0.99	0.98	0.98	1.00	0.99	1.02	1.01	1.03	1.21			3.00	2.97	3.06
wind	1.0 m/s	velocity	4.96	8.25	8.59	8.67	8.67	8.50	8.59	8.33	8.42	8.25	8.68	7.78		8.50	8.59	8.33

Onyia, Josephine (ESP) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2008 Olympic Games (Beijing, CHN) *Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*

date	18-Aug-08	time	2.60	3.69	4.71	5.72	6.73	7.73	8.72	9.74	10.76	11.79		12.86	4 / ~~5~~			

reaction time	0.203	interval		1.09	1.02	1.01	1.01	1.00	0.99	1.02	1.02	1.03	1.07	DV		3.12	3.00	3.07
wind	0.2 m/s	velocity	5.00	7.80	8.33	8.42	8.42	8.50	8.59	8.33	8.33	8.25	9.81	7.78		8.17	8.50	8.31

Dixon, Vonette (JAM) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.61	3.64	4.64	5.65	6.74	7.77	8.76	9.76	10.75	11.78		12.86	5 / 5			
reaction time 0.237 interval		1.03	1.00	1.01	1.09	1.03	0.99	1.00	0.99	1.03	1.08			3.04	3.11	3.02
wind 0.2 m/s velocity	4.98	8.25	8.50	8.42	7.80	8.25	8.59	8.50	8.59	8.25	9.72	7.78		8.39	8.20	8.44

O'Rourke, Derval (IRL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 18-Aug-09 time	2.61	3.61	4.61	5.61	6.59	7.60	8.61	9.64	10.70	11.77		12.86	4 / 2			
reaction time 0.147 interval		1.00	1.00	1.00	0.98	1.01	1.01	1.03	1.06	1.07	1.09			3.00	3.00	3.16
wind 0.1 m/s velocity	4.98	8.50	8.50	8.50	8.67	8.42	8.42	8.25	8.02	7.94	9.63	7.78		8.50	8.50	8.07

Claxton, Sarah (GBR) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 18-Aug-09 time	2.61	3.62	4.63	5.60	6.59	7.59	8.60	9.62	10.66	11.71		12.86	6 / 4			
reaction time 0.145 interval		1.01	1.01	0.97	0.99	1.00	1.01	1.02	1.04	1.05	1.15			2.99	3.00	3.11
wind 0.1 m/s velocity	4.98	8.42	8.42	8.76	8.59	8.50	8.42	8.33	8.17	8.10	9.13	7.78		8.53	8.50	8.20

Kondakova, Yuliya (RUS) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 IAAF World Championships (Moscow, RUS) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 17-Aug-13 time	2.56	3.60	4.62	5.60	6.60	7.60	8.60	9.62	10.64	11.68		12.86	8 / 8			
reaction time 0.206 interval		1.04	1.02	0.98	1.00	1.00	1.00	1.02	1.02	1.04	1.18			3.04	3.00	3.08
wind -0.6 m/s velocity	5.08	8.17	8.33	8.67	8.50	8.50	8.50	8.33	8.33	8.17	8.90	7.78		8.39	8.50	8.28

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 05-Jun-16 time	2.50	3.53	4.53	5.56	6.53	7.53	8.53	9.53	10.53	11.60		12.86	3 / 5			
reaction time 0.136 interval		1.03	1.00	1.03	0.97	1.00	1.00	1.00	1.00	1.07	1.26			3.06	2.97	3.07
wind -0.3 m/s velocity	5.20	8.25	8.50	8.25	8.76	8.50	8.50	8.50	8.50	7.94	8.33	7.78		8.33	8.59	8.31

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 09-Jul-17 time	2.54	3.56	4.58	5.56	6.54	7.52	8.54	9.54	10.58	11.62		12.86	9 / 6			
reaction time 0.146 interval		1.02	1.02	0.98	0.98	0.98	1.02	1.00	1.04	1.04	1.24			3.02	2.98	3.08
wind 0.2 m/s velocity	5.12	8.33	8.33	8.67	8.67	8.67	8.33	8.50	8.17	8.17	8.47	7.78		8.44	8.56	8.28

Harrison, Kendra (Keni) (USA) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.40	3.52	4.57	5.60	6.59	7.56	8.55	9.53	10.53	11.58		12.86	6 / 3			
reaction time 0.148 interval		1.12	1.05	1.03	0.99	0.97	0.99	0.98	1.00	1.05	1.28			3.20	2.95	3.03
wind 0.2 m/s velocity	5.42	7.59	8.10	8.25	8.59	8.76	8.59	8.67	8.50	8.10	8.20	7.78		7.97	8.64	8.42

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 31-May-18 time	2.56	3.62	4.62	5.64	6.64	7.64	8.64	9.64	10.64	11.66		12.86	3 / 3			
reaction time 0.158 interval		1.06	1.00	1.02	1.00	1.00	1.00	1.00	1.00	1.02	1.20			3.08	3.00	3.02
wind 0.0 m/s velocity	5.08	8.02	8.50	8.33	8.50	8.50	8.50	8.50	8.50	8.33	8.75	7.78		8.28	8.50	8.44

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18 time	2.52	3.52	4.52	5.52	6.52	7.52	8.52	9.54	10.56	11.60		12.86	2 / 4			
reaction time 0.170 interval		1.00	1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.26			3.00	3.00	3.08
wind 0.1 m/s velocity	5.16	8.50	8.50	8.50	8.50	8.50	8.50	8.33	8.33	8.17	8.33	7.78		8.50	8.50	8.28

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 27-Jul-19 time	2.60	3.63	4.64	5.64	6.61	7.61	8.58	9.58	10.61	11.62		12.86	7 / 7			
reaction time interval		1.03	1.01	1.00	0.97	1.00	0.97	1.00	1.03	1.01	1.24			3.04	2.94	3.04
wind -1.2 m/s velocity	5.00	8.25	8.42	8.50	8.76	8.50	8.76	8.50	8.25	8.42	8.47	7.78		8.39	8.67	8.39

Kołeczek, Karolina (POL) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19 time	2.56	3.60	4.60	5.60	6.60	7.60	8.60	9.60	10.63	11.63		12.86	2 / 2			
reaction time 0.166 interval		1.04	1.00	1.00	1.00	1.00	1.00	1.00	1.03	1.00	1.23			3.04	3.00	3.03
wind 0.1 m/s velocity	5.08	8.17	8.50	8.50	8.50	8.50	8.50	8.50	8.25	8.50	8.54	7.78		8.39	8.50	8.42

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.54	3.58	4.60	5.60	6.58	7.58	8.56	9.58	10.60	11.62		12.86	4 / 4			
reaction time 0.144 interval		1.04	1.02	1.00	0.98	1.00	0.98	1.02	1.02	1.02	1.24			3.06	2.96	3.06

wind	1.0 m/s	velocity	5.12	8.17	8.33	8.50	8.67	8.50	8.67	8.33	8.33	8.33	8.10	7.78		8.33	8.61	8.33

Kołeczek, Karolina (POL) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.44	3.48	4.48	5.46	6.46	7.50	8.50	9.50	10.52	11.56		12.86	8 / 4			
reaction time 0.134 interval		1.04	1.00	0.98	1.00	1.04	1.00	1.00	1.02	1.04	1.30			3.02	3.04	3.06
wind 0.8 m/s velocity	5.33	8.17	8.50	8.67	8.50	8.17	8.50	8.50	8.33	8.17	7.73	7.78		8.44	8.39	8.33

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 25-Sep-20 time	2.53	3.56	4.56	5.56	6.56	7.53	8.56	9.56	10.60	11.63		12.86	7 / 2			
reaction time 0.139 interval 7 steps		1.03	1.00	1.00	1.00	0.97	1.03	1.00	1.04	1.03	1.23	PB		3.03	3.00	3.07
wind 1.1 m/s velocity	5.14	8.25	8.50	8.50	8.50	8.76	8.25	8.50	8.17	8.25	8.17	7.78		8.42	8.50	8.31

McLaughlin, Sydney (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 USATF Grand Prix (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 24-Apr-21 time	2.57	3.63	4.65	5.65	6.65	7.65	8.65	9.65	10.67	11.71		12.86	2 / 4			
reaction time interval 7 steps		1.06	1.02	1.00	1.00	1.00	1.00	1.00	1.02	1.04	1.15	PB		3.08	3.00	3.06
wind -0.3 m/s velocity	5.06	8.02	8.33	8.50	8.50	8.50	8.50	8.50	8.33	8.17	8.74	7.78		8.28	8.50	8.33

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.49	3.53	4.55	5.52	6.52	7.52	8.49	9.50	10.52	11.56		12.86	9 / 5			
reaction time 0.150 interval		1.04	1.02	0.97	1.00	1.00	0.97	1.01	1.02	1.04	1.30			3.03	2.97	3.07
wind 0.0 m/s velocity	5.22	8.17	8.33	8.76	8.50	8.50	8.76	8.42	8.33	8.17	7.73	7.78		8.42	8.59	8.31

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 28-Aug-21 time	2.46	3.48	4.48	5.48	6.48	7.46	8.46	9.48	10.54	11.58		12.86	6 / 5			
reaction time 0.169 interval		1.02	1.00	1.00	1.00	0.98	1.00	1.02	1.06	1.04	1.28			3.02	2.98	3.12
wind 1.7 m/s velocity	5.28	8.33	8.50	8.50	8.50	8.67	8.50	8.33	8.02	8.17	7.85	7.78		8.44	8.56	8.17

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 13-May-22 time	2.54	3.56	4.57	5.55	6.55	7.55	8.55	9.55	10.58	11.64		12.86	1 / 7			
reaction time 0.156 interval		1.02	1.01	0.98	1.00	1.00	1.00	1.00	1.03	1.06	1.22			3.01	3.00	3.09
wind 3.8 m/s velocity	5.12	8.33	8.42	8.67	8.50	8.50	8.50	8.50	8.25	8.02	8.24	7.78		8.47	8.50	8.25

Robinson, Kaylah (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 11-Jun-22 time	2.50	3.55	4.57	5.59	6.59	7.59	8.57	9.57	10.59	11.62		12.86	3 / 5			
reaction time interval		1.05	1.02	1.02	1.00	1.00	0.98	1.00	1.02	1.03	1.24			3.09	2.98	3.05
wind -0.2 m/s velocity	5.20	8.10	8.33	8.33	8.50	8.50	8.67	8.50	8.33	8.25	8.10	7.78		8.25	8.56	8.36

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.60	3.64	4.67	5.67	6.65	7.65	8.65	9.62	10.65	11.67		12.86	1 / 5			
reaction time 0.171 interval		1.04	1.03	1.00	0.98	1.00	1.00	0.97	1.03	1.02	1.19			3.07	2.98	3.02
wind -0.1 m/s velocity	5.00	8.17	8.25	8.50	8.67	8.50	8.50	8.76	8.25	8.33	8.45	7.78		8.31	8.56	8.44

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23 time	2.60	3.61	4.62	5.62	6.61	7.61	8.63	9.64	10.68	11.74		12.86	6 / 1			
reaction time 0.149 interval		1.01	1.01	1.00	0.99	1.00	1.02	1.01	1.04	1.06	1.12	PB		3.02	3.01	3.11
wind 0.7 m/s velocity	5.00	8.42	8.42	8.50	8.59	8.50	8.33	8.42	8.17	8.02	8.97	7.78		8.44	8.47	8.20

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 21-May-23 time	2.56	3.58	4.58	5.57	6.58	7.59	8.61	9.63	10.66	11.71		12.86	6 / 1			
reaction time 0.136 interval		1.02	1.00	0.99	1.01	1.01	1.02	1.02	1.03	1.05	1.15	=PB		3.01	3.04	3.10
wind 0.4 m/s velocity	5.08	8.33	8.50	8.59	8.42	8.42	8.33	8.33	8.25	8.10	8.74	7.78		8.47	8.39	8.23

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)													*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	2.43	3.48	4.50	5.50	6.49	7.50	8.50	9.52	10.54	11.57		12.86	8 / 4			
reaction time 0.143 interval		1.05	1.02	1.00	0.99	1.01	1.00	1.02	1.02	1.03	1.29	=PB		3.07	3.00	3.07
wind 0.2 m/s velocity	5.35	8.10	8.33	8.50	8.59	8.42	8.50	8.33	8.33	8.25	7.79	7.78		8.31	8.50	8.31

Jones, Jasmine (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Oxy Invitaitonal (Eagle Rock, CA) (TV Analysis)													Henson (2024) Athlete First: 2024 Sydney McLaughlin-Levrone 400m Hurdles World Record Season			
date 04-May-24 time	2.50	3.53	4.52	5.52	6.53	7.53	8.53	9.55	10.58	11.61		12.86	5 / 2			
reaction time interval 7 steps		1.03	0.99	1.00	1.01	1.00	1.00	1.02	1.03	1.03	1.25			3.02	3.01	3.08
wind -0.4 m/s velocity	5.20	8.25	8.59	8.50	8.42	8.50	8.50	8.33	8.25	8.25	8.04	7.78		8.44	8.47	8.28

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 12-May-24 time	2.62	3.63	4.62	5.60	6.58	7.57	8.57	9.58	10.61	11.67		12.86	5 / 1			
reaction time 0.162 interval		1.01	0.99	0.98	0.98	0.99	1.00	1.01	1.03	1.06	1.19			2.98	2.97	3.10
wind 0.2 m/s velocity	4.96	8.42	8.59	8.67	8.67	8.59	8.50	8.42	8.25	8.02	8.45	7.78		8.56	8.59	8.23

Laurencin, Aasia (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.62	3.68	4.69	5.70	6.68	7.67	8.67	9.67	10.69	11.72		12.86	5 / 6			
reaction time interval		1.06	1.01	1.01	0.98	0.99	1.00	1.00	1.02	1.03	1.14			3.08	2.97	3.05
wind -0.5 m/s velocity	4.96	8.02	8.42	8.42	8.67	8.59	8.50	8.50	8.33	8.25	8.82	7.78		8.28	8.59	8.36

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24 time	2.61	3.63	4.65	5.63	6.63	7.62	8.63	9.64	10.67	11.72		12.86	4 / 1			
reaction time 0.143 interval		1.02	1.02	0.98	1.00	0.99	1.01	1.01	1.03	1.05	1.14			3.02	3.00	3.09
wind -0.2 m/s velocity	4.98	8.33	8.33	8.67	8.50	8.59	8.42	8.42	8.25	8.10	8.82	7.78		8.44	8.50	8.25

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.43	3.49	4.50	5.51	6.49	7.48	8.49	9.50	10.53	11.57		12.86	6 / 1			
reaction time 0.161 interval		1.06	1.01	1.01	0.98	0.99	1.01	1.01	1.03	1.04	1.29			3.08	2.98	3.08
wind -0.2 m/s velocity	5.35	8.02	8.42	8.42	8.67	8.59	8.42	8.42	8.25	8.17	7.79	7.78		8.28	8.56	8.28

Elloy, Laurence (FRA) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 1985 Internationales Sportfest (Fürth, FRG)													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date 17-Jun-85 time	2.55	3.56	4.54	5.52	6.52	7.51	8.46	9.46	10.46	11.40		12.87	/ 2			
reaction time interval		1.01	0.98	0.98	1.00	0.99	0.95	1.00	1.00	0.94	1.47			2.97	2.94	2.94
wind 2.0 m/s velocity	5.10	8.42	8.67	8.67	8.50	8.59	8.95	8.50	8.50	9.04	7.14	7.77		8.59	8.67	8.67

Rose, Dionne (JAM) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 IAAF World Championships (Athens, GRE)													*Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
date 10-Aug-97 time	2.60	3.58	4.58	5.56	6.56	7.56	8.58	9.60	10.64	11.66		12.87	1 / 5			
reaction time 0.118 interval		0.98	1.00	0.98	1.00	1.00	1.02	1.02	1.04	1.02	1.21			2.96	3.02	3.08
wind -0.3 m/s velocity	5.00	8.67	8.50	8.67	8.50	8.50	8.33	8.33	8.17	8.33	8.68	7.77		8.61	8.44	8.28

Ramalalanirina, Nicole (FRA) (1972)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date 23-Aug-98 time	2.59	3.63	4.67	5.66	6.60	7.61	8.61	9.63	10.66	11.73		12.87	5 / 4			
reaction time interval		1.04	1.04	0.99	0.94	1.01	1.00	1.02	1.03	1.07	1.14			3.07	2.95	3.12
wind 1.5 m/s velocity	5.02	8.17	8.17	8.59	9.04	8.42	8.50	8.33	8.25	7.94	9.21	7.77		8.31	8.64	8.17

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 28-Aug-99 time	2.54	3.55	4.54	5.53	6.53	7.52	8.54	9.56	10.60	11.68		12.87	2 / 7			
reaction time 0.148 interval		1.01	0.99	0.99	1.00	0.99	1.02	1.02	1.04	1.08	1.19			2.99	3.01	3.14
wind 0.7 m/s velocity	5.12	8.42	8.59	8.59	8.50	8.59	8.33	8.33	8.17	7.87	8.82	7.77		8.53	8.47	8.12

Kirkland, Anjanette (USA) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)													*USATF Women's Hurdle Development (2006)*			
date 24-Jun-06 time	2.67	3.70	4.67	5.67	6.62	7.64	8.63	9.64	10.66	11.71		12.87	8 / 6			
reaction time interval		1.03	0.97	1.00	0.95	1.02	0.99	1.01	1.02	1.05	1.16			3.00	2.96	3.08
wind -0.4 m/s velocity	4.87	8.25	8.76	8.50	8.95	8.33	8.59	8.42	8.33	8.10	9.05	7.77		8.50	8.61	8.28

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 16-Jun-16 time	2.54	3.64	4.64	5.64	6.60	7.60	8.58	9.58	10.58	11.62		12.87	6 / 3			
reaction time 0.175 interval		1.10	1.00	1.00	0.96	1.00	0.98	1.00	1.00	1.04	1.25			3.10	2.94	3.04
wind -0.4 m/s velocity	5.12	7.73	8.50	8.50	8.85	8.50	8.67	8.50	8.50	8.17	8.40	7.77		8.23	8.67	8.39

Burton, Rushelle (JAM) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 IAAF World Junior Championships (Bydgoszcz, POL)													*(2016.07.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 24-Jul-16 time	2.58	3.64	4.66	5.68	6.68	7.70	8.70	9.71	10.73	11.74		12.87	8 / 2			
reaction time 0.161 interval		1.06	1.02	1.02	1.00	1.02	1.00	1.01	1.02	1.01	1.13	NJR		3.10	3.02	3.04
wind 2.0 m/s velocity	5.04	8.02	8.33	8.33	8.50	8.33	8.50	8.42	8.33	8.42	9.29	7.77		8.23	8.44	8.39

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.42	3.45	4.46	5.45	6.43	7.42	8.42	9.43	10.46	11.53		12.87	5 / 4			
reaction time 0.149 interval		1.03	1.01	0.99	0.98	0.99	1.00	1.01	1.03	1.07	1.34			3.03	2.97	3.11
wind 0.2 m/s velocity	5.37	8.25	8.42	8.59	8.67	8.59	8.50	8.42	8.25	7.94	7.84	7.77		8.42	8.59	8.20

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18 time	2.52	3.54	4.56	5.56	6.56	7.56	8.56	9.56	10.58	11.62		12.87	8 / 5			
reaction time 0.190 interval		1.02	1.02	1.00	1.00	1.00	1.00	1.00	1.02	1.04	1.25			3.04	3.00	3.06
wind 0.1 m/s velocity	5.16	8.33	8.33	8.50	8.50	8.50	8.50	8.50	8.33	8.17	8.40	7.77		8.39	8.50	8.33

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18 time	2.56	3.60	4.58	5.58	6.58	7.58	8.58	9.60	10.60	11.66		12.87	7 / 6			
reaction time 0.128 interval		1.04	0.98	1.00	1.00	1.00	1.00	1.02	1.00	1.06	1.21			3.02	3.00	3.08
wind 0.1 m/s velocity	5.08	8.17	8.67	8.50	8.50	8.50	8.50	8.33	8.50	8.02	8.68	7.77		8.44	8.50	8.28

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.52	3.56	4.58	5.56	6.56	7.54	8.54	9.56	10.58	11.62		12.87	8 / 5			
reaction time 0.187 interval		1.04	1.02	0.98	1.00	0.98	1.00	1.02	1.02	1.04	1.25			3.04	2.98	3.08
wind 1.0 m/s velocity	5.16	8.17	8.33	8.67	8.50	8.67	8.50	8.33	8.33	8.17	8.04	7.77		8.39	8.56	8.28

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20 time	2.62	3.64	4.68	5.68	6.69	7.68	8.69	9.71	10.73	11.78		12.87	/ 1			
reaction time interval		1.02	1.04	1.00	1.01	0.99	1.01	1.02	1.02	1.05	1.09			3.06	3.01	3.09
wind 2.1 m/s velocity	4.96	8.33	8.17	8.50	8.42	8.59	8.42	8.33	8.33	8.10	9.22	7.77		8.33	8.47	8.25

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 Michitaka Kinami Memorial (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 01-Jun-21 time	2.64	3.69	4.68	5.67	6.67	7.67	8.66	9.68	10.69	11.74		12.87	5 / 1			
reaction time 0.187 interval		1.05	0.99	0.99	1.00	1.00	0.99	1.02	1.01	1.05	1.13	NR PB		3.03	2.99	3.08
wind 0.6 m/s velocity	4.92	8.10	8.59	8.59	8.50	8.50	8.59	8.33	8.42	8.10	8.89	7.77		8.42	8.53	8.28

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.62	3.67	4.69	5.68	6.68	7.68	8.69	9.70	10.74	11.77		12.87	4 / 1			
reaction time 0.131 interval		1.05	1.02	0.99	1.00	1.00	1.01	1.01	1.04	1.03	1.10	=NR PB		3.06	3.01	3.08
wind 1.8 m/s velocity	4.96	8.10	8.33	8.59	8.50	8.50	8.42	8.42	8.17	8.25	9.14	7.77		8.33	8.47	8.28

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.63	3.67	4.67	5.67	6.66	7.67	8.67	9.67	10.69	11.73		12.87	6 / 1			
reaction time 0.134 interval		1.04	1.00	1.00	0.99	1.01	1.00	1.00	1.02	1.04	1.14	PB		3.04	3.00	3.06
wind 1.7 m/s velocity	4.94	8.17	8.50	8.50	8.59	8.42	8.50	8.50	8.33	8.17	8.82	7.77		8.39	8.50	8.33

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.51	3.55	4.59	5.62	6.63	7.61	8.61	9.63	10.70	11.74		12.87	3 / 2			
reaction time 0.127 interval		1.04	1.04	1.03	1.01	0.98	1.00	1.02	1.07	1.04	1.13			3.11	2.99	3.13
wind 0.4 m/s velocity	5.18	8.17	8.17	8.25	8.42	8.67	8.50	8.33	7.94	8.17	8.89	7.77		8.20	8.53	8.15

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.53	3.56	4.56	5.54	6.53	7.53	8.53	9.53	10.53	11.63		12.87	8 / 2			
reaction time 0.194 interval		1.03	1.00	0.98	0.99	1.00	1.00	1.00	1.00	1.10	1.24			3.01	2.99	3.10
wind 1.5 m/s velocity	5.14	8.25	8.50	8.67	8.59	8.50	8.50	8.50	8.50	7.73	8.10	7.77		8.47	8.53	8.23

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 24-Jul-22 time	2.62	3.64	4.66	5.66	6.66	7.66	8.66	9.68	10.70	11.73		12.87	7 / 5			
reaction time 0.117 interval		1.02	1.02	1.00	1.00	1.00	1.00	1.02	1.02	1.03	1.14			3.04	3.00	3.07
wind 0.3 m/s velocity	4.96	8.33	8.33	8.50	8.50	8.50	8.50	8.33	8.33	8.25	8.82	7.77		8.39	8.50	8.31

Brissett, Chanel (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Aug-22 time	2.56	3.60	4.63	5.60	6.60	7.60	8.60	9.60	10.63	11.66		12.87	1 / 5			
reaction time 0.148 interval		1.04	1.03	0.97	1.00	1.00	1.00	1.00	1.03	1.03	1.21			3.04	3.00	3.06
wind 2.4 m/s velocity	5.08	8.17	8.25	8.76	8.50	8.50	8.50	8.50	8.25	8.25	8.31	7.77		8.39	8.50	8.33

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23 time	2.60	3.63	4.65	5.65	6.63	7.62	8.62	9.63	10.65	11.67		12.87	5 / 5			
reaction time 0.166 interval		1.03	1.02	1.00	0.98	0.99	1.00	1.01	1.02	1.02	1.20			3.05	2.97	3.05
wind 0.1 m/s velocity	5.00	8.25	8.33	8.50	8.67	8.59	8.50	8.42	8.33	8.33	8.38	7.77		8.36	8.59	8.36

Kälin, Annik (SUI) (2000)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.46	3.52	4.54	5.54	6.53	7.53	8.53	9.55	10.57	11.61		12.87	2 / 1			
reaction time	0.155	interval		1.06	1.02	1.00	0.99	1.00	1.00	1.02	1.02	1.04	1.26			3.08	2.99	3.08
wind	-0.1 m/s	velocity	5.28	8.02	8.33	8.50	8.59	8.50	8.50	8.33	8.33	8.17	7.98	7.77		8.28	8.53	8.28

Tjin-A-Lim, Maayke (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Repechage 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.49	3.55	4.57	5.57	6.55	7.53	8.54	9.55	10.57	11.61		12.87	5 / 2			
reaction time	0.161	interval	7 steps	1.06	1.02	1.00	0.98	0.98	1.01	1.01	1.02	1.04	1.26			3.08	2.97	3.07
wind	0.1 m/s	velocity	5.22	8.02	8.33	8.50	8.67	8.67	8.42	8.42	8.33	8.17	7.98	7.77		8.28	8.59	8.31

Anderson, Katie (CAN) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 IAAF World Championships (Athens, GRE) *Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*

date	10-Aug-97	time	2.54	3.58	4.58	5.58	6.56	7.56	8.56	9.60	10.64	11.72		12.88	8 / 6			
reaction time	0.127	interval		1.04	1.00	1.00	0.98	1.00	1.00	1.04	1.04	1.08	1.16			3.04	2.98	3.16
wind	-0.3 m/s	velocity	5.12	8.17	8.50	8.50	8.67	8.50	8.50	8.17	8.17	7.87	9.05	7.76		8.39	8.56	8.07

Ennis-London, Delloreen (JAM) (197

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2000 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time	2.60	3.64	4.66	5.66	6.65	7.66	8.66	9.66	10.70	11.74		12.88	/ 4			
reaction time	0.170	interval		1.04	1.02	1.00	0.99	1.01	1.00	1.00	1.04	1.04	1.14			3.06	3.00	3.08
wind	-0.2 m/s	velocity	5.00	8.17	8.33	8.50	8.59	8.42	8.50	8.50	8.17	8.17	9.21	7.76		8.33	8.50	8.28

Krasovska, Olena (UKR) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	09-Aug-02	time	2.64	3.70	4.72	5.72	6.72	7.70	8.70	9.72	10.76	11.80		12.88	/ 2			
reaction time	0.131	interval		1.06	1.02	1.00	1.00	0.98	1.00	1.02	1.04	1.04	1.08			3.08	2.98	3.10
wind	0.0 m/s	velocity	4.92	8.02	8.33	8.50	8.50	8.67	8.50	8.33	8.17	8.17	9.72	7.76		8.28	8.56	8.23

Krasovska, Olena (UKR) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	09-Aug-02	time	2.62	3.66	4.68	5.68	6.68	7.66	8.68	9.70	10.72	11.77		12.88	/ 2			
reaction time	0.145	interval		1.04	1.02	1.00	1.00	0.98	1.02	1.02	1.02	1.05	1.11			3.06	3.00	3.09
wind	-0.7 m/s	velocity	4.96	8.17	8.33	8.50	8.50	8.67	8.33	8.33	8.33	8.10	9.46	7.76		8.33	8.50	8.25

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Drake Relays (Des Moines, IA) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	25-Apr-09	time	2.70	3.70	4.70	5.67	6.64	7.64	8.64	9.67	10.71	11.77		12.88	/ 3			
reaction time		interval		1.00	1.00	0.97	0.97	1.00	1.00	1.03	1.04	1.06	1.11			2.97	2.97	3.13
wind	3.1 m/s	velocity	4.81	8.50	8.50	8.76	8.76	8.50	8.50	8.25	8.17	8.02	9.46	7.76		8.59	8.59	8.15

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Festival of Excellence (Toronto, CAN) *Winckler (2009) - UK Athletics- National Coaching Conference*

date	11-Jun-09	time	2.56	3.55	4.56	5.55	6.51	7.51	8.50	9.50	10.53	11.61		12.88	/ 2			
reaction time		interval		0.99	1.01	0.99	0.96	1.00	0.99	1.00	1.03	1.08	1.27			2.99	2.95	3.11
wind	-1.8 m/s	velocity	5.08	8.59	8.42	8.59	8.85	8.50	8.59	8.50	8.25	7.87	8.27	7.76		8.53	8.64	8.20

Kondakova, Yuliya (RUS) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	18-Aug-09	time	2.65	3.71	4.72	5.71	6.71	7.70	8.71	9.71	10.72	11.76		12.88	3 / 3			
reaction time	0.145	interval		1.06	1.01	0.99	1.00	0.99	1.01	1.00	1.01	1.04	1.12			3.06	3.00	3.05
wind	0.1 m/s	velocity	4.91	8.02	8.42	8.59	8.50	8.59	8.42	8.50	8.42	8.17	9.37	7.76		8.33	8.50	8.36

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	25-Aug-16	time	2.48	3.50	4.52	5.52	6.52	7.54	8.56	9.56	10.62	11.66		12.88	4 / 5			
reaction time	0.137	interval	7 steps	1.02	1.02	1.00	1.00	1.02	1.02	1.00	1.06	1.04	1.22			3.04	3.04	3.10
wind	0.7 m/s	velocity	5.24	8.33	8.33	8.50	8.50	8.33	8.33	8.50	8.02	8.17	8.61	7.76		8.39	8.39	8.23

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.49	3.55	4.57	5.58	6.58	7.55	8.55	9.56	10.57	11.61		12.88	7 / 3			
reaction time	0.143	interval		1.06	1.02	1.01	1.00	0.97	1.00	1.01	1.01	1.04	1.27			3.09	2.97	3.06
wind	0.5 m/s	velocity	5.22	8.02	8.33	8.42	8.50	8.76	8.50	8.42	8.42	8.17	8.27	7.76		8.25	8.59	8.33

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	03-May-19	time	2.58	3.62	4.64	5.64	6.58	7.58	8.58	9.60	10.62	11.66		12.88	3 / 6			
reaction time	0.136	interval		1.04	1.02	1.00	0.94	1.00	1.00	1.02	1.02	1.04	1.22			3.06	2.94	3.08
wind	0.9 m/s	velocity	5.04	8.17	8.33	8.50	9.04	8.50	8.50	8.33	8.33	8.17	8.61	7.76		8.33	8.67	8.28

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 IAAF World Championships (Doha, QAT) *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.57	3.63	4.63	5.60	6.60	7.59	8.58	9.58	10.59	11.64		12.88	8 / 7			
reaction time	0.147	interval		1.06	1.00	0.97	1.00	0.99	0.99	1.00	1.01	1.05	1.24			3.03	2.98	3.06
wind	0.3 m/s	velocity	5.06	8.02	8.50	8.76	8.50	8.59	8.59	8.50	8.42	8.10	8.10	7.76		8.42	8.56	8.33

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date	23-Aug-20	time	2.60	3.63	4.60	5.60	6.63	7.63	8.63	9.63	10.63	11.73		12.88	4 / 1			
reaction time	0.170	interval		1.03	0.97	1.00	1.03	1.00	1.00	1.00	1.00	1.10	1.15			3.00	3.03	3.10
wind	1.4 m/s	velocity	5.00	8.25	8.76	8.50	8.25	8.50	8.50	8.50	8.50	7.73	8.74	7.76		8.50	8.42	8.23

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date	22-Sep-21	time	2.50	3.53	4.56	5.56	6.56	7.56	8.58	9.60	10.63	11.67		12.88	6 / 1			
reaction time	0.146	interval		1.03	1.03	1.00	1.00	1.00	1.02	1.02	1.03	1.04	1.21			3.06	3.02	3.09
wind	0.1 m/s	velocity	5.20	8.25	8.25	8.50	8.50	8.50	8.33	8.33	8.25	8.17	8.31	7.76		8.33	8.44	8.25

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	02-Sep-22	time	2.50	3.53	4.50	5.47	6.47	7.47	8.47	9.50	10.57	11.64		12.88	8 / 8			
reaction time	0.174	interval		1.03	0.97	0.97	1.00	1.00	1.00	1.03	1.07	1.07	1.24			2.97	3.00	3.17
wind	0.1 m/s	velocity	5.20	8.25	8.76	8.76	8.50	8.50	8.50	8.25	7.94	7.94	8.10	7.76		8.59	8.50	8.04

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	22-Aug-23	time	2.63	3.63	4.63	5.63	6.62	7.62	8.61	9.63	10.63	11.67		12.88	8 / 6			
reaction time	0.152	interval		1.00	1.00	1.00	0.99	1.00	0.99	1.02	1.00	1.04	1.21			3.00	2.98	3.06
wind	0.1 m/s	velocity	4.94	8.50	8.50	8.50	8.59	8.50	8.59	8.33	8.50	8.17	8.31	7.76		8.50	8.56	8.33

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	2.45	3.50	4.50	5.50	6.49	7.49	8.49	9.51	10.53	11.58		12.88	7 / 8			
reaction time	0.144	interval		1.05	1.00	1.00	0.99	1.00	1.00	1.02	1.02	1.05	1.30			3.05	2.99	3.09
wind	-0.2 m/s	velocity	5.31	8.10	8.50	8.50	8.59	8.50	8.50	8.33	8.33	8.10	7.73	7.76		8.36	8.53	8.25

Forster, Viktória (SVK) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	2.46	3.53	4.56	5.57	6.57	7.57	8.56	9.58	10.59	11.62		12.88	2 / 3			
reaction time	0.156	interval		1.07	1.03	1.01	1.00	1.00	0.99	1.02	1.01	1.03	1.26			3.11	2.99	3.06
wind	0.1 m/s	velocity	5.28	7.94	8.25	8.42	8.50	8.50	8.59	8.33	8.42	8.25	7.98	7.76		8.20	8.53	8.33

Piquereau, Anne (FRA) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1985 Joinville, FRA													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date	12-Jun-85	time	2.42	3.44	4.40	5.41	6.42	7.36	8.35	9.37	10.38	11.46		12.89	/ 2			
reaction time		interval		1.02	0.96	1.01	1.01	0.94	0.99	1.02	1.01	1.08	1.43			2.99	2.94	3.11
wind	1.4 m/s	velocity	5.37	8.33	8.85	8.42	8.42	9.04	8.59	8.33	8.42	7.87	7.34	7.76		8.53	8.67	8.20

Elloy, Laurence (FRA) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1985 Marseille, FRA													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date	19-Jun-85	time	2.51	3.56	4.56	5.55	6.46	7.45	8.40	9.42	10.45	11.53		12.89	/ 1			
reaction time		interval		1.05	1.00	0.99	0.91	0.99	0.95	1.02	1.03	1.08	1.36			3.04	2.85	3.13
wind	0.9 m/s	velocity	5.18	8.10	8.50	8.59	9.34	8.59	8.95	8.33	8.25	7.87	7.72	7.76		8.39	8.95	8.15

Paetz, Sabine (GDR) (1957)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 East German National Championships (Jena, GDR)													*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*			
date	27-Jun-86	time	2.54	3.58	4.59	5.61	6.58	7.56	8.58	9.62	10.64	11.71		12.89	/ 4			
reaction time		interval		1.04	1.01	1.02	0.97	0.98	1.02	1.04	1.02	1.07	1.18			3.07	2.97	3.13
wind	1.4 m/s	velocity	5.12	8.17	8.42	8.33	8.76	8.67	8.33	8.17	8.33	7.94	8.90	7.76		8.31	8.59	8.15

Liu Huajin (CHN) (1960)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 Chinese National Games (Guangzhou, CHN)													*Xia (1990) - analysis of Liu Huajin's technical features in breaking the Asian 100m hurdles record*			
date	25-Nov-87	time	2.55	3.62	4.58	5.58	6.62	7.66	8.68	9.71	10.73	11.77		12.89	/ 1			
reaction time		interval		1.07	0.96	1.00	1.04	1.04	1.02	1.03	1.02	1.04	1.12	AR		3.03	3.10	3.09
wind	???	velocity	5.10	7.94	8.85	8.50	8.17	8.17	8.33	8.25	8.33	8.17	9.37	7.76		8.42	8.23	8.25

Laukhova, Svetlana (RUS) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 IAAF World Championships (Athens, GRE)													*Hommel (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
date	10-Aug-97	time	2.58	3.62	4.64	5.64	6.64	7.64	8.67	9.70	10.72	11.80		12.89	7 / 7			
reaction time	0.135	interval		1.04	1.02	1.00	1.00	1.00	1.03	1.03	1.02	1.08	1.09			3.06	3.03	3.13
wind	-0.3 m/s	velocity	5.04	8.17	8.33	8.50	8.50	8.50	8.25	8.25	8.33	7.87	9.63	7.76		8.33	8.42	8.15

Girard, Patricia (FRA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date	23-Aug-98	time	2.58	3.59	4.58	5.59	6.60	7.58	8.56	9.57	10.60	11.64		12.89	1 / 5			

reaction time		interval		1.01	0.99	1.01	1.01	0.98	0.98	1.01	1.03	1.04	1.25			3.01	2.97	3.08
wind	1.5 m/s	velocity	5.04	8.42	8.59	8.42	8.42	8.67	8.67	8.42	8.25	8.17	8.40	7.76		8.47	8.59	8.28

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)													*USATF Men's Hurdle Development (2007)*			
date 23-Jun-07 time	2.60	3.60	4.62	5.62	6.62	7.61	8.61	9.63	10.64	11.70		12.89	/ 5			
reaction time interval		1.00	1.02	1.00	1.00	0.99	1.00	1.02	1.01	1.06	1.19			3.02	2.99	3.09
wind -1.3 m/s velocity	5.00	8.50	8.33	8.50	8.50	8.59	8.50	8.33	8.42	8.02	8.82	7.76		8.44	8.53	8.25

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2009 Canadian National Championships (Toronto, CAN)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 26-Jun-09 time	2.67	3.69	4.67	5.65	6.62	7.62	8.62	9.62	10.69	11.72		12.89	/ 1			
reaction time interval		1.02	0.98	0.98	0.97	1.00	1.00	1.00	1.07	1.03	1.17			2.98	2.97	3.10
wind -2.2 m/s velocity	4.87	8.33	8.67	8.67	8.76	8.50	8.50	8.50	7.94	8.25	8.97	7.76		8.56	8.59	8.23

George, Phylicia (CAN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 17-Aug-16 time	2.40	3.43	4.43	5.40	6.40	7.40	8.41	9.43	10.46	11.51		12.89	9 / 8			
reaction time 0.143 interval		1.03	1.00	0.97	1.00	1.00	1.01	1.02	1.03	1.05	1.38			3.00	3.01	3.10
wind 0.0 m/s velocity	5.42	8.25	8.50	8.76	8.50	8.50	8.42	8.33	8.25	8.10	7.61	7.76		8.50	8.47	8.23

Berings, Eline (BEL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 07-Jun-18 time	2.52	3.56	4.56	5.56	6.56	7.56	8.58	9.62	10.64	11.66		12.89	8 / 6			
reaction time 0.121 interval		1.04	1.00	1.00	1.00	1.00	1.02	1.04	1.02	1.02	1.23			3.04	3.02	3.08
wind 1.1 m/s velocity	5.16	8.17	8.50	8.50	8.50	8.50	8.33	8.17	8.33	8.33	8.54	7.76		8.39	8.44	8.28

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18 time	2.56	3.56	4.58	5.58	6.58	7.56	8.54	9.54	10.56	11.60		12.89	4 / 6			
reaction time 0.168 interval		1.00	1.02	1.00	1.00	0.98	0.98	1.00	1.02	1.04	1.29			3.02	2.96	3.06
wind 0.1 m/s velocity	5.08	8.50	8.33	8.50	8.50	8.67	8.67	8.50	8.33	8.17	8.14	7.76		8.44	8.61	8.33

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.44	3.46	4.46	5.46	6.44	7.42	8.42	9.44	10.46	11.50		12.89	2 / 5			
reaction time 0.155 interval		1.02	1.00	1.00	0.98	0.98	1.00	1.02	1.02	1.04	1.39			3.02	2.96	3.08
wind 0.8 m/s velocity	5.33	8.33	8.50	8.50	8.67	8.67	8.50	8.33	8.33	8.17	7.23	7.76		8.44	8.61	8.28

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 11-Aug-20 time	2.62	3.64	4.64	5.64	6.64	7.62	8.62	9.64	10.66	11.68		12.89	3 / 4			
reaction time 0.225 interval		1.02	1.00	1.00	1.00	0.98	1.00	1.02	1.02	1.02	1.21			3.02	2.98	3.06
wind 1.2 m/s velocity	4.96	8.33	8.50	8.50	8.50	8.67	8.50	8.33	8.33	8.33	8.31	7.76		8.44	8.56	8.33

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 17-Sep-20 time	2.52	3.60	4.64	5.64	6.64	7.64	8.66	9.68	10.70	11.72		12.89	2 / 3			
reaction time 0.126 interval		1.08	1.04	1.00	1.00	1.00	1.02	1.02	1.02	1.02	1.17			3.12	3.02	3.06
wind 0.1 m/s velocity	5.16	7.87	8.17	8.50	8.50	8.50	8.33	8.33	8.33	8.33	8.59	7.76		8.17	8.44	8.33

Salmon, Paula (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter Final 1 - 2021 NCAA Championships Preliminary East Round (Jacksonville, FL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 29-May-21 time	2.57	3.57	4.55	5.53	6.50	7.53	8.55	9.57	10.63	11.68		12.89	4 / 2			
reaction time interval		1.00	0.98	0.98	0.97	1.03	1.02	1.02	1.06	1.05	1.21	PB		2.96	3.02	3.13
wind 0.8 m/s velocity	5.06	8.50	8.67	8.67	8.76	8.25	8.33	8.33	8.02	8.10	8.31	7.76		8.61	8.44	8.15

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 01-Jun-21 time	2.60	3.62	4.63	5.61	6.61	7.60	8.63	9.67	10.69	11.76		12.89	6 / 1			
reaction time 0.168 interval		1.02	1.01	0.98	1.00	0.99	1.03	1.04	1.02	1.07	1.13			3.01	3.02	3.13
wind 0.3 m/s velocity	5.00	8.33	8.42	8.67	8.50	8.59	8.25	8.17	8.33	7.94	8.89	7.76		8.47	8.44	8.15

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.56	3.60	4.58	5.63	6.64	7.63	8.65	9.67	10.71	11.74		12.89	7 / 2			
reaction time 0.133 interval		1.04	0.98	1.05	1.01	0.99	1.02	1.02	1.04	1.03	1.15			3.07	3.02	3.09
wind 1.8 m/s velocity	5.08	8.17	8.67	8.10	8.42	8.59	8.33	8.33	8.17	8.25	8.74	7.76		8.31	8.44	8.25

Stark, Grace (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 12-Jun-21 time	2.57	3.60	4.60	5.60	6.61	7.59	8.57	9.57	10.60	11.63		12.89	6 / 4			
reaction time 0.207 interval		1.03	1.00	1.00	1.01	0.98	0.98	1.00	1.03	1.03	1.26			3.03	2.97	3.06

wind	0.4 m/s	velocity	5.06	8.25	8.50	8.50	8.42	8.67	8.67	8.50	8.25	8.25	7.98	7.76			8.42	8.59	8.33

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.53	3.61	4.65	5.66	6.64	7.62	8.62	9.62	10.64	11.69		12.89	5 / 6			
reaction time 0.128 interval		1.08	1.04	1.01	0.98	0.98	1.00	1.00	1.02	1.05	1.20			3.13	2.96	3.07
wind 0.0 m/s velocity	5.14	7.87	8.17	8.42	8.67	8.67	8.50	8.50	8.33	8.10	8.37	7.76		8.15	8.61	8.31

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 03-Sep-21 time	2.48	3.52	4.52	5.50	6.50	7.54	8.54	9.58	10.60	11.66		12.89	4 / 5			
reaction time 0.166 interval		1.04	1.00	0.98	1.00	1.04	1.00	1.04	1.02	1.06	1.23			3.02	3.04	3.12
wind 0.7 m/s velocity	5.24	8.17	8.50	8.67	8.50	8.17	8.50	8.17	8.33	8.02	8.17	7.76		8.44	8.39	8.17

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 18-Jun-22 time	2.50	3.53	4.53	5.51	6.52	7.52	8.53	9.56	10.59	11.62		12.89	6 / 5			
reaction time 0.149 interval		1.03	1.00	0.98	1.01	1.00	1.01	1.03	1.03	1.03	1.27			3.01	3.02	3.09
wind -0.4 m/s velocity	5.20	8.25	8.50	8.67	8.42	8.50	8.42	8.25	8.25	8.25	7.91	7.76		8.47	8.44	8.25

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 21-May-23 time	2.58	3.62	4.64	5.63	6.63	7.62	8.61	9.62	10.67	11.75		12.89	4 / 2			
reaction time 0.146 interval		1.04	1.02	0.99	1.00	0.99	0.99	1.01	1.05	1.08	1.14	PB		3.05	2.98	3.14
wind 0.4 m/s velocity	5.04	8.17	8.33	8.59	8.50	8.59	8.59	8.42	8.10	7.87	8.82	7.76		8.36	8.56	8.12

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.50	3.57	4.58	5.58	6.57	7.57	8.56	9.58	10.60	11.63		12.89	3 / 1			
reaction time 0.140 interval		1.07	1.01	1.00	0.99	1.00	0.99	1.02	1.02	1.03	1.26			3.08	2.98	3.07
wind 0.6 m/s velocity	5.20	7.94	8.42	8.50	8.59	8.50	8.59	8.33	8.33	8.25	7.98	7.76		8.28	8.56	8.31

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.60	3.62	4.64	5.64	6.64	7.62	8.64	9.64	10.67	11.74		12.89	8 / 6			
reaction time 0.158 interval		1.02	1.02	1.00	1.00	0.98	1.02	1.00	1.03	1.07	1.15			3.04	3.00	3.10
wind -0.4 m/s velocity	5.00	8.33	8.33	8.50	8.50	8.67	8.33	8.50	8.25	7.94	8.74	7.76		8.39	8.50	8.23

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24 time	2.61	3.64	4.65	5.65	6.64	7.61	8.61	9.63	10.66	11.71		12.89	7 / 2			
reaction time 0.174 interval		1.03	1.01	1.00	0.99	0.97	1.00	1.02	1.03	1.05	1.18			3.04	2.96	3.10
wind -0.2 m/s velocity	4.98	8.25	8.42	8.50	8.59	8.76	8.50	8.33	8.25	8.10	8.52	7.76		8.39	8.61	8.23

Armstrong, Alia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 30-Jun-24 time	2.54	3.57	4.60	5.58	6.56	7.54	8.54	9.57	10.60	11.68		12.89	9 / 9			
reaction time interval		1.03	1.03	0.98	0.98	0.98	1.00	1.03	1.03	1.08	1.21			3.04	2.96	3.14
wind 0.7 m/s velocity	5.12	8.25	8.25	8.67	8.67	8.67	8.50	8.25	8.25	7.87	8.31	7.76		8.39	8.61	8.12

Cartwright, Denisha (BAH) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.39	3.45	4.49	5.49	6.49	7.48	8.50	9.52	10.55	11.60		12.89	7 / 4			
reaction time 0.154 interval		1.06	1.04	1.00	1.00	0.99	1.02	1.02	1.03	1.05	1.29			3.10	3.01	3.10
wind 0.0 m/s velocity	5.44	8.02	8.17	8.50	8.50	8.59	8.33	8.33	8.25	8.10	7.79	7.76		8.23	8.47	8.23

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 08-Aug-24 time	2.59	3.61	4.61	5.61	6.60	7.61	8.62	9.64	10.67	11.72		12.89	8 / 2			
reaction time 0.146 interval		1.02	1.00	1.00	0.99	1.01	1.01	1.02	1.03	1.05	1.17			3.02	3.01	3.10
wind -0.2 m/s velocity	5.02	8.33	8.50	8.50	8.59	8.42	8.42	8.33	8.25	8.10	8.59	7.76		8.44	8.47	8.23

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 09-Aug-24 time	2.56	3.60	4.61	5.61	6.61	7.62	8.63	9.65	10.69	11.74		12.89	3 / 5			
reaction time 0.143 interval		1.04	1.01	1.00	1.00	1.01	1.01	1.02	1.04	1.05	1.15			3.05	3.02	3.11
wind -0.7 m/s velocity	5.08	8.17	8.42	8.50	8.50	8.42	8.42	8.33	8.17	8.10	8.74	7.76		8.36	8.44	8.20

Balzer-Richert, Karin (GDR) (1938)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1972 Olympic Games (Munich, FRG)													*Kay (1972) - BAAB Munich Technical Report*			
date 08-Sep-72 time	2.5	3.6	4.6	5.7	6.7	7.7	8.7	9.7	10.7	11.8		12.90	5 / 3			
reaction time interval		1.10	1.00	1.10	1.00	1.00	1.00	1.00	1.00	1.10	1.10	PB		3.20	3.00	3.10
wind -0.6 m/s velocity	5.20	7.73	8.50	7.73	8.50	8.50	8.50	8.50	8.50	7.73	9.55	7.75		7.97	8.50	8.23

LaPlante, Deby (USA) (1953)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1979 Pan American Games (San Juan, PUR)																		*Lyle (1979) - coaching observations*
date	13-Jul-79	time	2.37	3.39	4.39	5.42	6.38	7.33	8.28	9.27	10.28	11.36		12.90	/ 1			
reaction time		interval		1.02	1.00	1.03	0.96	0.95	0.95	0.99	1.01	1.08	1.54			3.05	2.86	3.08
wind	3.9 m/s	velocity	5.49	8.33	8.50	8.25	8.85	8.95	8.95	8.59	8.42	7.87	6.82	7.75		8.36	8.92	8.28

Anisimova, Tatyana (URS) (1949)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 1979 VII USSR Spartakiade (Moscow, URS)																		*Balachničiv (1981) - Periodisierung & Zyklisierung des Trainings 78/79 von Hürdenlauferinnen der Spitzenklasse UdSSR*
date	25-Jul-79	time	2.58	3.66	4.66	5.64	6.64	7.62	8.60	9.64	10.65	11.70		12.90	/ 1			
reaction time		interval		1.08	1.00	0.98	1.00	0.98	0.98	1.04	1.01	1.05	1.20			3.06	2.96	3.10
wind	???	velocity	5.04	7.87	8.50	8.67	8.50	8.67	8.67	8.17	8.42	8.10	8.75	7.75		8.33	8.61	8.23

Elloy, Laurence (FRA) (1959)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - FINAL - 1985 BNP Meeting d'Athlétisme (Paris, FRA)																		*Aubert (1987) - mesures et observations biomecaniques a propos des courses de haies hautes*
date	13-Jul-85	time	2.53	3.54	4.52	5.54	6.52	7.48	8.53	9.52	10.51	11.56		12.90	/ 1			
reaction time		interval		1.01	0.98	1.02	0.98	0.96	1.05	0.99	0.99	1.05	1.34			3.01	2.99	3.03
wind	2.0 m/s	velocity	5.14	8.42	8.67	8.33	8.67	8.85	8.10	8.59	8.59	8.10	7.84	7.75		8.47	8.53	8.42

Zhou Hongyan (CHN) (1970)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 Chinese National Games (Beijing, CHN)																		*Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*
date	09-Sep-93	time	2.57	3.61	4.63	5.62	6.63	7.65	8.67	9.69	10.73	11.78		12.90	/ 3			
reaction time		interval		1.04	1.02	0.99	1.01	1.02	1.02	1.02	1.04	1.05	1.12			3.05	3.05	3.11
wind	0.1 m/s	velocity	5.06	8.17	8.33	8.59	8.42	8.33	8.33	8.33	8.17	8.10	9.37	7.75		8.36	8.36	8.20

Carruthers, Danielle (USA) (1979)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Osaka Grand Prix (Osaka, JPN)																		*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*
date	05-May-07	time	2.48	3.55	4.58	5.58	6.58	7.58	8.58	9.59	10.62	11.65		12.90	/ 3			
reaction time		interval		1.07	1.03	1.00	1.00	1.00	1.00	1.01	1.03	1.03	1.25			3.10	3.00	3.07
wind	0.0 m/s	velocity	5.24	7.94	8.25	8.50	8.50	8.50	8.50	8.42	8.25	8.25	8.40	7.75		8.23	8.50	8.31

Dixon, Vonette (JAM) (1975)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)																		*Graubner (2007) - http://www.fgs.uni-halle.de*
date	22-Sep-07	time	2.64	3.66	4.68	5.67	6.67	7.68	8.68	9.72	10.74	11.79		12.90	7 / 5			
reaction time	0.212	interval		1.02	1.02	0.99	1.00	1.01	1.00	1.04	1.02	1.05	1.11			3.03	3.01	3.11
wind	-0.3 m/s	velocity	4.92	8.33	8.33	8.59	8.50	8.42	8.50	8.17	8.33	8.10	9.46	7.75		8.42	8.47	8.20

Golding-Clarke, Lacena (JAM) (1975			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2009 IAAF World Championships (Berlin, GER)																		*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date	18-Aug-09	time	2.53	3.55	4.56	5.55	6.57	7.57	8.59	9.61	10.66	11.73		12.90	6 / 2			
reaction time	0.135	interval		1.02	1.01	0.99	1.02	1.00	1.02	1.02	1.05	1.07	1.17			3.02	3.04	3.14
wind	-0.3 m/s	velocity	5.14	8.33	8.42	8.59	8.33	8.50	8.33	8.33	8.10	7.94	8.97	7.75		8.44	8.39	8.12

Talay, Alina (BLR) (1989)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)																		*Henson (2020) - Athlete First: 2016 year end hurdle report*
date	16-Jun-16	time	2.50	3.52	4.52	5.52	6.50	7.50	8.50	9.52	10.54	11.58		12.90	3 / 4			
reaction time	0.148	interval		1.02	1.00	1.00	0.98	1.00	1.00	1.02	1.02	1.04	1.32			3.02	2.98	3.08
wind	-0.4 m/s	velocity	5.20	8.33	8.50	8.50	8.67	8.50	8.50	8.33	8.33	8.17	7.95	7.75		8.44	8.56	8.28

Porter, Tiffany (GBR) (1987)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)																		*Henson (2020) - Athlete First: 2016 year end hurdle report*
date	28-May-16	time	2.48	3.52	4.52	5.50	6.48	7.48	8.48	9.50	10.54	11.60		12.90	7 / 7			
reaction time		interval		1.04	1.00	0.98	0.98	1.00	1.00	1.02	1.04	1.06	1.30			3.02	2.98	3.12
wind	0.7 m/s	velocity	5.24	8.17	8.50	8.67	8.67	8.50	8.50	8.33	8.17	8.02	8.08	7.75		8.44	8.56	8.17

Simmonds, Megan (JAM) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)																		*Henson (2020) - Athlete First: 2016 year end hurdle report*
date	01-Sep-16	time	2.56	3.56	4.58	5.58	6.56	7.56	8.56	9.58	10.62	11.66		12.90	8 / 6			
reaction time	0.180	interval		1.00	1.02	1.00	0.98	1.00	1.00	1.02	1.04	1.04	1.24			3.02	2.98	3.10
wind	0.4 m/s	velocity	5.08	8.50	8.33	8.50	8.67	8.50	8.50	8.33	8.17	8.17	8.47	7.75		8.44	8.56	8.23

Roleder, Cindy (GER) (1989)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)																		*Henson (2020) - Athlete First: 2017 year end hurdle report*
date	05-May-17	time	2.58	3.62	4.64	5.64	6.64	7.64	8.66	9.68	10.70	11.74		12.90	3 / 2			
reaction time	0.138	interval		1.04	1.02	1.00	1.00	1.00	1.02	1.02	1.02	1.04	1.16			3.06	3.02	3.08
wind	-2.3 m/s	velocity	5.04	8.17	8.33	8.50	8.50	8.50	8.33	8.33	8.33	8.17	9.05	7.75		8.33	8.44	8.28

Ali, Nia (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis)																		*Henson (2020) - Athlete First: 2017 year end hurdle report*
date	27-May-17	time	2.52	3.56	4.60	5.62	6.60	7.58	8.58	9.60	10.60	11.64		12.90	5 / 7			
reaction time	0.178	interval		1.04	1.04	1.02	0.98	0.98	1.00	1.02	1.00	1.04	1.26			3.10	2.96	3.06
wind	0.8 m/s	velocity	5.16	8.17	8.17	8.33	8.67	8.67	8.50	8.33	8.50	8.17	8.33	7.75		8.23	8.61	8.33

Talay, Alina (BLR) (1989)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)														*Henson (2020) - Athlete First: 2017 year end hurdle report*				
date	15-Jun-17	time	2.60	3.62	4.62	5.62	6.60	7.58	8.58	9.60	10.64	11.72		12.90	7 / 4			
reaction time	0.141	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.02	1.04	1.08	1.18			3.02	2.96	3.14
wind	0.8 m/s	velocity	5.00	8.33	8.50	8.50	8.67	8.67	8.50	8.33	8.17	7.87	8.90	7.75		8.44	8.61	8.12

Visser, Nadine (NED) (1995)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)														*Henson (2020) - Athlete First: 2018 year end hurdle report*				
date	31-May-18	time	2.56	3.60	4.58	5.60	6.60	7.60	8.60	9.60	10.62	11.66		12.90	8 / 4			
reaction time	0.156	interval		1.04	0.98	1.02	1.00	1.00	1.00	1.00	1.02	1.04	1.24			3.04	3.00	3.06
wind	0.0 m/s	velocity	5.08	8.17	8.67	8.33	8.50	8.50	8.50	8.50	8.33	8.17	8.47	7.75		8.39	8.50	8.33

Seymour, Pedrya (BAH) (1995)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)														*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*				
date	19-May-19	time	2.68	3.70	4.72	5.73	6.73	7.70	8.68	9.68	10.69	11.74		12.90	8 / 3			
reaction time	0.274	interval		1.02	1.02	1.01	1.00	0.97	0.98	1.00	1.01	1.05	1.16			3.05	2.95	3.06
wind	0.4 m/s	velocity	4.85	8.33	8.33	8.42	8.50	8.76	8.67	8.50	8.42	8.10	9.05	7.75		8.36	8.64	8.33

McNeal, Brianna (USA) (1991)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)														*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date	18-Aug-19	time	2.50	3.53	4.53	5.53	6.51	7.49	8.55	9.56	10.61	11.66		12.90	9 / 6			
reaction time	0.164	interval		1.03	1.00	1.00	0.98	0.98	1.06	1.01	1.05	1.05	1.24			3.03	3.02	3.11
wind	-0.2 m/s	velocity	5.20	8.25	8.50	8.50	8.67	8.67	8.02	8.42	8.10	8.10	8.47	7.75		8.42	8.44	8.20

Akobundu, Madeleine (USA) (1998)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)														*Henson (2021) - Athlete First: 2021 year end hurdle report*				
date	12-Jun-21	time	2.53	3.57	4.57	5.57	6.56	7.54	8.54	9.54	10.58	11.64		12.90	1 / 5			
reaction time	0.196	interval		1.04	1.00	1.00	0.99	0.98	1.00	1.00	1.04	1.06	1.26			3.04	2.97	3.10
wind	0.4 m/s	velocity	5.14	8.17	8.50	8.50	8.59	8.67	8.50	8.50	8.17	8.02	7.98	7.75		8.39	8.59	8.23

Kozák, Luca (HUN) (1996)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)														*Henson (2021) - Athlete First: 2021 year end hurdle report*				
date	09-Sep-21	time	2.56	3.60	4.58	5.58	6.56	7.58	8.58	9.58	10.60	11.64		12.90	8 / 7			
reaction time	0.187	interval		1.04	0.98	1.00	0.98	1.02	1.00	1.00	1.02	1.04	1.26			3.02	3.00	3.06
wind	0.4 m/s	velocity	5.08	8.17	8.67	8.50	8.67	8.33	8.50	8.50	8.33	8.17	7.98	7.75		8.44	8.50	8.33

Williams, Danielle (JAM) (1992)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	09-Jun-22	time	2.47	3.48	4.48	5.50	6.48	7.48	8.50	9.52	10.60	11.65		12.90	7 / 5			
reaction time	0.131	interval		1.01	1.00	1.02	0.98	1.00	1.02	1.02	1.08	1.05	1.25			3.03	3.00	3.15
wind	0.1 m/s	velocity	5.26	8.42	8.50	8.33	8.67	8.50	8.33	8.33	7.87	8.10	8.04	7.75		8.42	8.50	8.10

Vargas, Andrea Carolina (CRC) (199

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	12-Jun-22	time	2.53	3.58	4.62	5.63	6.65	7.63	8.63	9.65	10.67	11.70		12.90	7 / 5			
reaction time	0.124	interval		1.05	1.04	1.01	1.02	0.98	1.00	1.02	1.02	1.03	1.20			3.10	3.00	3.07
wind	2.0 m/s	velocity	5.14	8.10	8.17	8.42	8.33	8.67	8.50	8.33	8.33	8.25	8.37	7.75		8.23	8.50	8.31

Kambundji, Ditaji (SUI) (2002)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	18-Jun-22	time	2.48	3.52	4.54	5.54	6.55	7.57	8.58	9.61	10.64	11.68		12.90	1 / 6			
reaction time	0.145	interval		1.04	1.02	1.00	1.01	1.02	1.01	1.03	1.03	1.04	1.22			3.06	3.04	3.10
wind	-0.4 m/s	velocity	5.24	8.17	8.33	8.50	8.42	8.33	8.42	8.25	8.25	8.17	8.24	7.75		8.33	8.39	8.23

Mucci, Celeste (AUS) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	22-Aug-23	time	2.56	3.64	4.67	5.65	6.65	7.65	8.67	9.68	10.70	11.73		12.90	3 / 4			
reaction time	0.171	interval		1.08	1.03	0.98	1.00	1.00	1.02	1.01	1.02	1.03	1.17			3.09	3.02	3.06
wind	0.0 m/s	velocity	5.08	7.87	8.25	8.67	8.50	8.50	8.33	8.42	8.33	8.25	8.59	7.75		8.25	8.44	8.33

Christofi, Natalia (CYP) (1997)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	22-Aug-23	time	2.58	3.63	4.65	5.64	6.63	7.60	8.60	9.65	10.68	11.73		12.90	7 / 4			
reaction time	0.147	interval		1.05	1.02	0.99	0.99	0.97	1.00	1.05	1.03	1.05	1.17			3.06	2.96	3.13
wind	0.4 m/s	velocity	5.04	8.10	8.33	8.59	8.59	8.76	8.50	8.10	8.25	8.10	8.59	7.75		8.33	8.61	8.15

Tanaka, Yumi (JPN) (1998)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN)														*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*				
date	19-May-24	time	2.60	3.63	4.64	5.63	6.65	7.65	8.65	9.55	10.70	11.74		12.90	5 / 2			
reaction time	0.149	interval		1.03	1.01	0.99	1.02	1.00	1.00	0.90	1.15	1.04	1.16			3.03	3.02	3.09
wind	-0.6 m/s	velocity	5.00	8.25	8.42	8.59	8.33	8.50	8.50	9.44	7.39	8.17	8.66	7.75		8.42	8.44	8.25

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	28-Jun-24	time	2.60	3.63	4.63	5.62	6.63	7.62	8.62	9.63	10.65	11.70		12.90	2 / 4		
reaction time		interval		1.03	1.00	0.99	1.01	0.99	1.00	1.01	1.02	1.05	1.20			3.02	3.00	3.08
wind	1.7 m/s	velocity	5.00	8.25	8.50	8.59	8.42	8.59	8.50	8.42	8.33	8.10	8.37	7.75		8.44	8.50	8.28

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.44	3.49	4.49	5.49	6.46	7.45	8.46	9.48	10.55	11.62		12.90	4 / 5		
reaction time	0.151	interval		1.05	1.00	1.00	0.97	0.99	1.01	1.02	1.07	1.07	1.28			3.05	2.97	3.16
wind	0.0 m/s	velocity	5.33	8.10	8.50	8.50	8.76	8.59	8.42	8.33	7.94	7.94	7.85	7.75		8.36	8.59	8.07

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Weltklasse (Zürich, SUI) *Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.48	3.52	4.52	5.51	6.49	7.49	8.49	9.50	10.55	11.61		12.90	9 / 8		
reaction time	0.134	interval		1.04	1.00	0.99	0.98	1.00	1.00	1.01	1.05	1.06	1.29			3.03	2.98	3.12
wind	0.8 m/s	velocity	5.24	8.17	8.50	8.59	8.67	8.50	8.50	8.42	8.10	8.02	7.79	7.75		8.42	8.56	8.17

Rocheleau-Baumann, Julie (CAN) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	29-Sep-88	time	2.55	3.60	4.64	5.65	6.65	7.67	8.68	9.69	10.73	11.77		12.91	5 / 3		
reaction time	0.137	interval		1.05	1.04	1.01	1.00	1.02	1.01	1.01	1.04	1.04	1.14			3.10	3.03	3.09
wind	0.5 m/s	velocity	5.10	8.10	8.17	8.42	8.50	8.33	8.42	8.42	8.17	8.17	9.21	7.75		8.23	8.42	8.25

Zeng Xiaoling (CHN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2001 Chinese National Games (Beijing, CHN) *Huang (2003) - research on the technique of women's 100m hurdles in th 9th national games*

date	18-Nov-01	time	2.60	3.64	4.66	5.68	6.68	7.69	8.71	9.73	10.75	11.79		12.91	/ 3		
reaction time		interval		1.04	1.02	1.02	1.00	1.01	1.02	1.02	1.02	1.04	1.12			3.08	3.03	3.08
wind	2.2 m/s	velocity	5.00	8.17	8.33	8.33	8.50	8.42	8.33	8.33	8.33	8.17	9.37	7.75		8.28	8.42	8.28

Kasova, Yana (BUL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	09-Aug-02	time	2.69	3.72	4.74	5.74	6.72	7.72	8.72	9.74	10.76	11.80		12.91	/ 3		
reaction time	0.169	interval		1.03	1.02	1.00	0.98	1.00	1.00	1.02	1.02	1.04	1.11			3.05	2.98	3.08
wind	-0.7 m/s	velocity	4.83	8.25	8.33	8.50	8.67	8.50	8.50	8.33	8.33	8.17	9.46	7.75		8.36	8.56	8.28

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2021) - Athlete First: 2016 year end hurdle report*

date	09-Sep-16	time	2.60	3.64	4.64	5.62	6.62	7.62	8.64	9.66	10.66	11.72		12.91	4 / 4		
reaction time	0.125	interval		1.04	1.00	0.98	1.00	1.00	1.02	1.02	1.00	1.06	1.19			3.02	3.02	3.08
wind	0.1 m/s	velocity	5.00	8.17	8.50	8.67	8.50	8.50	8.33	8.33	8.50	8.02	8.82	7.75		8.44	8.44	8.28

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	05-May-17	time	2.52	3.58	4.62	5.62	6.64	7.64	8.64	9.64	10.66	11.70		12.91	2 / 3		
reaction time	0.142	interval	7 steps	1.06	1.04	1.00	1.02	1.00	1.00	1.00	1.02	1.04	1.21			3.10	3.02	3.06
wind	-2.3 m/s	velocity	5.16	8.02	8.17	8.50	8.33	8.50	8.50	8.50	8.33	8.17	8.68	7.75		8.23	8.44	8.33

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis) *Henson (2021) - Athlete First: 2018 year end hurdle report*

date	08-Sep-18	time	2.60	3.64	4.66	5.64	6.62	7.62	8.62	9.62	10.62	11.66		12.91	6 / 4		
reaction time	0.173	interval		1.04	1.02	0.98	0.98	1.00	1.00	1.00	1.00	1.04	1.25			3.04	2.98	3.04
wind	-0.1 m/s	velocity	5.00	8.17	8.33	8.67	8.67	8.50	8.50	8.50	8.50	8.17	8.40	7.75		8.39	8.56	8.39

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	08-Jul-20	time	2.56	3.60	4.63	5.63	6.63	7.63	8.63	9.66	10.70	11.73		12.91	6 / 2		
reaction time		interval		1.04	1.03	1.00	1.00	1.00	1.00	1.03	1.04	1.03	1.18			3.07	3.00	3.10
wind	0.7 m/s	velocity	5.08	8.17	8.25	8.50	8.50	8.50	8.50	8.25	8.17	8.25	8.52	7.75		8.31	8.50	8.23

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.54	3.57	4.59	5.57	6.55	7.56	8.56	9.59	10.61	11.69		12.91	3 / 2		
reaction time		interval		1.03	1.02	0.98	0.98	1.01	1.00	1.03	1.02	1.08	1.22			3.03	2.99	3.13
wind	-1.1 m/s	velocity	5.12	8.25	8.33	8.67	8.67	8.42	8.50	8.25	8.33	7.87	8.24	7.75		8.42	8.53	8.15

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese National Games (Xi'an, CHN) *CAA Hurdle Development (2021)*

date	22-Sep-21	time	2.50	3.53	4.56	5.56	6.56	7.56	8.56	9.60	10.60	11.67		12.91	5 / 2		
reaction time	0.131	interval		1.03	1.03	1.00	1.00	1.00	1.00	1.04	1.00	1.07	1.24			3.06	3.00	3.11
wind	0.1 m/s	velocity	5.20	8.25	8.25	8.50	8.50	8.50	8.50	8.17	8.50	7.94	8.10	7.75		8.33	8.50	8.20

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	30-Jun-22	time	2.50	3.53	4.53	5.56	6.56	7.56	8.56	9.62	10.65	11.70		12.91	8 / 7			
reaction time	0.132	interval		1.03	1.00	1.03	1.00	1.00	1.00	1.06	1.03	1.05	1.21			3.06	3.00	3.14
wind	-0.5 m/s	velocity	5.20	8.25	8.50	8.25	8.50	8.50	8.50	8.02	8.25	8.10	8.31	7.75		8.33	8.50	8.12

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)

Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season

date	07-May-23	time	2.61	3.65	4.67	5.67	6.66	7.68	8.69	9.70	10.71	11.76		12.91	4 / 2			
reaction time	0.147	interval		1.04	1.02	1.00	0.99	1.02	1.01	1.01	1.01	1.05	1.15	PB		3.06	3.02	3.07
wind	0.7 m/s	velocity	4.98	8.17	8.33	8.50	8.59	8.33	8.42	8.42	8.42	8.10	8.74	7.75		8.33	8.44	8.31

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)

Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season

date	21-May-23	time	2.56	3.61	4.63	5.64	6.66	7.67	8.67	9.70	10.73	11.78		12.91	5 / 3			
reaction time	0.128	interval		1.05	1.02	1.01	1.02	1.01	1.00	1.03	1.03	1.05	1.13			3.08	3.03	3.11
wind	0.4 m/s	velocity	5.08	8.10	8.33	8.42	8.33	8.42	8.50	8.25	8.25	8.10	8.89	7.75		8.28	8.42	8.20

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 FBK Games (Hengelo, NED)

Omega Timing (2023) - continental tour race analysis

date	04-Jun-23	time	2.46	3.51	4.54	5.55	6.56	7.56	8.57	9.59	10.61	11.65		12.91	1 / 5			
reaction time	0.139	interval		1.05	1.03	1.01	1.01	1.00	1.01	1.02	1.02	1.04	1.26			3.09	3.02	3.08
wind	0.2 m/s	velocity	5.28	8.10	8.25	8.42	8.42	8.50	8.42	8.33	8.33	8.17	7.98	7.75		8.25	8.44	8.28

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Japanese National Championsips (Niigata, JPN)

Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season

date	30-Jun-24	time	2.61	3.66	4.66	5.67	6.66	7.66	8.67	9.68	10.71	11.77		12.91	5 / 3			
reaction time	0.181	interval		1.05	1.00	1.01	0.99	1.00	1.01	1.01	1.03	1.06	1.14			3.06	3.00	3.10
wind	-0.2 m/s	velocity	4.98	8.10	8.50	8.42	8.59	8.50	8.42	8.42	8.25	8.02	8.82	7.75		8.33	8.50	8.23

Tjin-A-Lim, Maayke (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 FBK Games (Hengelo, NED)

Omega Timing (2024) - continental tour gold race analysis

date	07-Jul-24	time	2.43	3.49	4.49	5.50	6.51	7.53	8.55	9.56	10.59	11.64		12.91	3 / 5			
reaction time	0.108	interval		1.06	1.00	1.01	1.01	1.02	1.02	1.01	1.03	1.05	1.27			3.07	3.05	3.09
wind	0.3 m/s	velocity	5.35	8.02	8.50	8.42	8.42	8.33	8.33	8.42	8.25	8.10	7.91	7.75		8.31	8.36	8.25

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	07-Aug-24	time	2.48	3.55	4.58	5.59	6.59	7.58	8.57	9.57	10.59	11.62		12.91	4 / 4			
reaction time	0.157	interval		1.07	1.03	1.01	1.00	0.99	0.99	1.00	1.02	1.03	1.29			3.11	2.98	3.05
wind	0.0 m/s	velocity	5.24	7.94	8.25	8.42	8.50	8.59	8.59	8.50	8.33	8.25	7.79	7.75		8.20	8.56	8.36

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 Olympic Games (Paris, FRA)

Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season

date	09-Aug-24	time	2.58	3.60	4.61	5.58	6.58	7.60	8.62	9.62	10.67	11.72		12.91	9 / 7			
reaction time	0.152	interval		1.02	1.01	0.97	1.00	1.02	1.02	1.00	1.05	1.05	1.19			3.00	3.04	3.10
wind	0.5 m/s	velocity	5.04	8.33	8.42	8.76	8.50	8.33	8.33	8.50	8.10	8.10	8.45	7.75		8.50	8.39	8.23

Colle, Florence (FRA) (1965)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

date	29-Sep-88	time	2.65	3.69	4.75	5.77	6.77	7.77	8.77	9.78	10.81	11.84		12.92	2 / 4			
reaction time	0.166	interval		1.04	1.06	1.02	1.00	1.00	1.00	1.01	1.03	1.03	1.08			3.12	3.00	3.07
wind	0.5 m/s	velocity	4.91	8.17	8.02	8.33	8.50	8.50	8.50	8.42	8.25	8.25	9.72	7.74		8.17	8.50	8.31

Snihur, Yevheniya (UKR) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER)

Graubner (2007) - http://www.fgs.uni-halle.de

date	24-Jun-07	time	2.60	3.64	4.66	5.66	6.66	7.67	8.68	9.69	10.72	11.77		12.92	/ 1			
reaction time	0.129	interval		1.04	1.02	1.00	1.00	1.01	1.01	1.01	1.03	1.05	1.15			3.06	3.02	3.09
wind	0.9 m/s	velocity	5.00	8.17	8.33	8.50	8.50	8.42	8.42	8.42	8.25	8.10	9.13	7.74		8.33	8.44	8.25

Yanit, Nevin (TUR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2009 IAAF World Championships (Berlin, GER)

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

date	18-Aug-09	time	2.61	3.66	4.66	5.65	6.64	7.65	8.67	9.70	10.74	11.80		12.92	7 / 3			
reaction time	0.165	interval		1.05	1.00	0.99	0.99	1.01	1.02	1.03	1.04	1.06	1.12			3.04	3.02	3.13
wind	-0.3 m/s	velocity	4.98	8.10	8.50	8.59	8.59	8.42	8.33	8.25	8.17	8.02	9.38	7.74		8.39	8.44	8.15

Škrobáková, Lucie (CZE) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

date	19-Aug-09	time	2.65	3.69	4.68	5.68	6.66	7.65	8.66	9.67	10.70	11.74		12.92	7 / 4			
reaction time	0.158	interval		1.04	0.99	1.00	0.98	0.99	1.01	1.01	1.03	1.04	1.18			3.03	2.98	3.08
wind	-0.1 m/s	velocity	4.91	8.17	8.59	8.50	8.67	8.59	8.42	8.42	8.25	8.17	8.90	7.74		8.42	8.56	8.28

Ennis, Jessica (GBR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2012 British National Championships (Birmingham, GBR)

Hollman (2012) - uka 2012 olympic games report: combined events

date	23-Jun-12	time	2.66	3.68	4.82	5.84	6.83	7.82	8.81	9.80	10.80	11.80		12.92	/ 1			

reaction time	0.217	interval		1.02	1.14	1.02	0.99	0.99	0.99	0.99	1.00	1.00	1.12			3.18	2.97	2.99
wind	0.3 m/s	velocity	4.89	8.33	7.46	8.33	8.59	8.59	8.59	8.59	8.50	8.50	9.38	7.74		8.02	8.59	8.53

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 10-May-15	time	2.63	3.71	4.73	5.73	6.72	7.69	8.68	9.70	10.70	11.74		12.92	3 / 4			
reaction time 0.171	interval		1.08	1.02	1.00	0.99	0.97	0.99	1.02	1.00	1.04	1.18			3.10	2.95	3.06
wind 0.9 m/s	velocity	4.94	7.87	8.33	8.50	8.59	8.76	8.59	8.33	8.50	8.17	8.90	7.74		8.23	8.64	8.33

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 29-Apr-17	time	2.53	3.60	4.60	5.63	6.63	7.63	8.63	9.63	10.63	11.66		12.92	6 / 6			
reaction time	interval		1.07	1.00	1.03	1.00	1.00	1.00	1.00	1.00	1.03	1.26			3.10	3.00	3.03
wind 1.0 m/s	velocity	5.14	7.94	8.50	8.25	8.50	8.50	8.50	8.50	8.50	8.25	8.33	7.74		8.23	8.50	8.42

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date 19-May-19	time	2.64	3.67	4.71	5.72	6.72	7.72	8.73	9.73	10.74	11.79		12.92	7 / 4			
reaction time 0.155	interval		1.03	1.04	1.01	1.00	1.00	1.01	1.00	1.01	1.05	1.13			3.08	3.01	3.06
wind 0.4 m/s	velocity	4.92	8.25	8.17	8.42	8.50	8.50	8.42	8.50	8.42	8.10	9.29	7.74		8.28	8.47	8.33

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 18-Aug-19	time	2.56	3.67	4.70	5.70	6.70	7.70	8.70	9.70	10.71	11.74		12.92	6 / 7			
reaction time 0.150	interval		1.11	1.03	1.00	1.00	1.00	1.00	1.00	1.01	1.03	1.18			3.14	3.00	3.04
wind -0.2 m/s	velocity	5.08	7.66	8.25	8.50	8.50	8.50	8.50	8.50	8.42	8.25	8.90	7.74		8.12	8.50	8.39

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19	time	2.56	3.63	4.63	5.63	6.60	7.60	8.60	9.63	10.63	11.65		12.92	4 / 3			
reaction time 0.145	interval		1.07	1.00	1.00	0.97	1.00	1.00	1.03	1.00	1.02	1.27			3.07	2.97	3.05
wind 0.1 m/s	velocity	5.08	7.94	8.50	8.50	8.76	8.50	8.50	8.25	8.50	8.33	8.27	7.74		8.31	8.59	8.36

McLaughlin, Sydney (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Bryan Clay Invitational (Azuza, CA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
date 16-Apr-21	time	2.53	3.57	4.60	5.60	6.61	7.61	8.63	9.67	10.71	11.76		12.92	4 / 1			
reaction time	interval	7 steps	1.04	1.03	1.00	1.01	1.00	1.02	1.04	1.04	1.05	1.16	PB		3.07	3.03	3.13
wind 0.2 m/s	velocity	5.14	8.17	8.25	8.50	8.42	8.50	8.33	8.17	8.17	8.10	8.66	7.74		8.31	8.42	8.15

Cockrell, Anna (USA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Games (Walnut, CA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 22-Apr-22	time	2.63	3.63	4.63	5.63	6.63	7.63	8.65	9.67	10.70	11.76		12.92	1 / 9			
reaction time	interval		1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.03	1.06	1.16			3.00	3.02	3.11
wind 0.8 m/s	velocity	4.94	8.50	8.50	8.50	8.50	8.50	8.33	8.33	8.25	8.02	8.66	7.74		8.50	8.44	8.20

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 13-May-22	time	2.52	3.58	4.60	5.60	6.58	7.57	8.56	9.58	10.61	11.67		12.92	3 / 8			
reaction time 0.153	interval		1.06	1.02	1.00	0.98	0.99	0.99	1.02	1.03	1.06	1.25			3.08	2.96	3.11
wind 3.8 m/s	velocity	5.16	8.02	8.33	8.50	8.67	8.59	8.59	8.33	8.25	8.02	8.04	7.74		8.28	8.61	8.20

Huven, Destiny (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 11-Jun-22	time	2.52	3.57	4.60	5.60	6.61	7.60	8.59	9.61	10.63	11.66		12.92	2 / 6			
reaction time	interval		1.05	1.03	1.00	1.01	0.99	0.99	1.02	1.02	1.03	1.26			3.08	2.99	3.07
wind -0.2 m/s	velocity	5.16	8.10	8.25	8.50	8.42	8.59	8.59	8.33	8.33	8.25	7.98	7.74		8.28	8.53	8.31

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 05-May-23	time	2.54	3.56	4.56	5.54	6.52	7.58	8.60	9.64	10.68	11.74		12.92	6 / 6			
reaction time 0.132	interval		1.02	1.00	0.98	0.98	1.06	1.02	1.04	1.04	1.06	1.18			3.00	3.06	3.14
wind 1.1 m/s	velocity	5.12	8.33	8.50	8.67	8.67	8.02	8.33	8.17	8.17	8.02	8.52	7.74		8.50	8.33	8.12

Salmon, Paula (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 10-Jun-23	time	2.57	3.57	4.57	5.55	6.55	7.55	8.56	9.59	10.63	11.69		12.92	1 / 8			
reaction time	interval		1.00	1.00	0.98	1.00	1.00	1.01	1.03	1.04	1.06	1.23			2.98	3.01	3.13
wind 3.8 m/s	velocity	5.06	8.50	8.50	8.67	8.50	8.50	8.42	8.25	8.17	8.02	8.17	7.74		8.56	8.47	8.15

Bieldt, Taylon (RSA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23	time	2.49	3.58	4.61	5.60	6.60	7.59	8.59	9.60	10.63	11.65		12.92	4 / 2			
reaction time 0.141	interval		1.09	1.03	0.99	1.00	0.99	1.00	1.01	1.03	1.02	1.27			3.11	2.99	3.06

wind	0.6 m/s	velocity	5.22	7.80	8.25	8.59	8.50	8.59	8.50	8.42	8.25	8.33	7.91	7.74		8.20	8.53	8.33

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23	time 2.53	3.54	4.56	5.57	6.56	7.56	8.57	9.60	10.64	11.71		12.92	1 / 5			
reaction time 0.140	interval	1.01	1.02	1.01	0.99	1.00	1.01	1.03	1.04	1.07	1.21			3.04	3.00	3.14
wind 0.1 m/s	velocity 5.14	8.42	8.33	8.42	8.59	8.50	8.42	8.25	8.17	7.94	8.31	7.74		8.39	8.50	8.12

Tjin-A-Lim, Maayke (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 22-Aug-23	time 2.56	3.63	4.63	5.65	6.65	7.65	8.65	9.68	10.70	11.75		12.92	2 / 5			
reaction time 0.155	interval	1.07	1.00	1.02	1.00	1.00	1.00	1.03	1.02	1.05	1.17			3.09	3.00	3.10
wind 0.4 m/s	velocity 5.08	7.94	8.50	8.33	8.50	8.50	8.50	8.25	8.33	8.10	8.59	7.74		8.25	8.50	8.23

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 12-May-24	time 2.59	3.62	4.62	5.61	6.61	7.61	8.63	9.65	10.69	11.75		12.92	3 / 2			
reaction time 0.133	interval	1.03	1.00	0.99	1.00	1.00	1.02	1.02	1.04	1.06	1.17			3.02	3.02	3.12
wind 0.2 m/s	velocity 5.02	8.25	8.50	8.59	8.50	8.50	8.33	8.33	8.17	8.02	8.59	7.74		8.44	8.44	8.17

de Mello, Micaela (BRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24	time 2.60	3.64	4.65	5.65	6.67	7.67	8.67	9.68	10.71	11.76		12.92	9 / 7			
reaction time	interval	1.04	1.01	1.00	1.02	1.00	1.00	1.01	1.03	1.05	1.16			3.05	3.02	3.09
wind -0.5 m/s	velocity 5.00	8.17	8.42	8.50	8.33	8.50	8.50	8.42	8.25	8.10	8.66	7.74		8.36	8.44	8.25

Fiadanantsoa, Sidonie (MAD) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time 2.48	3.52	4.53	5.53	6.52	7.52	8.54	9.58	10.63	11.67		12.92	3 / 5			
reaction time 0.147	interval	1.04	1.01	1.00	0.99	1.00	1.02	1.04	1.05	1.04	1.25			3.05	3.01	3.13
wind -0.1 m/s	velocity 5.24	8.17	8.42	8.50	8.59	8.50	8.33	8.17	8.10	8.17	8.04	7.74		8.36	8.47	8.15

Bapte, Laeticia (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24	time 2.46	3.53	4.54	5.53	6.50	7.48	8.49	9.50	10.53	11.60		12.92	8 / 4			
reaction time 0.165	interval 7 steps	1.07	1.01	0.99	0.97	0.98	1.01	1.01	1.03	1.07	1.32			3.07	2.96	3.11
wind 0.4 m/s	velocity 5.28	7.94	8.42	8.59	8.76	8.67	8.42	8.42	8.25	7.94	7.61	7.74		8.31	8.61	8.20

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24	time 2.43	3.49	4.51	5.52	6.51	7.51	8.51	9.52	10.56	11.62		12.92	3 / 7			
reaction time 0.139	interval	1.06	1.02	1.01	0.99	1.00	1.00	1.01	1.04	1.06	1.30			3.09	2.99	3.11
wind 0.4 m/s	velocity 5.35	8.02	8.33	8.42	8.59	8.50	8.50	8.42	8.17	8.02	7.73	7.74		8.25	8.53	8.20

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25	time 2.44	3.50	4.52	5.53	6.53	7.53	8.53	9.55	10.57	11.61		12.92	8 / 6			
reaction time 0.136	interval	1.06	1.02	1.01	1.00	1.00	1.00	1.02	1.02	1.04	1.31			3.09	3.00	3.08
wind -0.2 m/s	velocity 5.33	8.02	8.33	8.42	8.50	8.50	8.50	8.33	8.33	8.17	7.67	7.74		8.25	8.50	8.28

Knabe, Kerstin (GDR) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88	time 2.64	3.73	4.73	5.75	6.75	7.76	8.77	9.78	10.80	11.81		12.93	4 / 5			
reaction time 0.133	interval	1.09	1.00	1.02	1.00	1.01	1.01	1.01	1.02	1.01	1.12			3.11	3.02	3.04
wind 0.5 m/s	velocity 4.92	7.80	8.50	8.33	8.50	8.42	8.42	8.42	8.33	8.42	9.38	7.73		8.20	8.44	8.39

Bowles, Dawn (USA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USA Olympic Trials (Atlanta, GA)													*USATF Women's Sprint Development (1996)*			
date 23-Jun-96	time 2.34	3.41	4.44	5.44	6.44	7.43	8.46	9.46	10.46	11.48		12.93	3 / 4			
reaction time	interval	1.07	1.03	1.00	1.00	0.99	1.03	1.00	1.00	1.02	1.45			3.10	3.02	3.02
wind 0.6 m/s	velocity 5.56	7.94	8.25	8.50	8.50	8.59	8.25	8.50	8.50	8.33	7.24	7.73		8.23	8.44	8.44

Aron, Haydy (FRA) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time 2.61	3.66	4.67	5.67	6.66	7.65	8.65	9.67	10.69	11.76		12.93	/ 2			
reaction time 0.153	interval	1.05	1.01	1.00	0.99	0.99	1.00	1.02	1.02	1.07	1.17	PB		3.06	2.98	3.11
wind 0.6 m/s	velocity 4.98	8.10	8.42	8.50	8.59	8.59	8.50	8.33	8.33	7.94	8.97	7.73		8.33	8.56	8.20

Trywiańska, Aurelia (POL) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Osaka Grand Prix (Osaka, JPN)													*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date 05-May-07	time 2.52	3.57	4.59	5.59	6.59	7.60	8.60	9.62	10.64	11.68		12.93	/ 4			
reaction time	interval	1.05	1.02	1.00	1.00	1.01	1.00	1.02	1.02	1.04	1.25			3.07	3.01	3.08
wind 0.0 m/s	velocity 5.16	8.10	8.33	8.50	8.50	8.42	8.50	8.33	8.33	8.17	8.40	7.73		8.31	8.47	8.28

Ennis, Jessica (GBR) (1986)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)																		
date	15-Aug-09	time	2.65	3.70	4.72	5.73	6.74	7.74	8.76	9.78	10.82	11.86		12.93	6 / 1			
reaction time	0.155	interval		1.05	1.02	1.01	1.01	1.00	1.02	1.02	1.04	1.04	1.07			3.08	3.03	3.10
wind	-0.4 m/s	velocity	4.91	8.10	8.33	8.42	8.42	8.50	8.33	8.33	8.17	8.17	9.81	7.73		8.28	8.42	8.23

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

Harrison, Queen (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2011 Windsprint (Sundsvall, SWE)																		
date	31-Jul-11	time	2.67	3.72	4.76	5.77	6.76	7.77	8.75	9.76	10.76	11.78		12.93	/ 1			
reaction time		interval		1.05	1.04	1.01	0.99	1.01	0.98	1.01	1.00	1.02	1.15			3.10	2.98	3.03
wind	1.4 m/s	velocity	4.87	8.10	8.17	8.42	8.59	8.42	8.67	8.42	8.50	8.33	9.13	7.73		8.23	8.56	8.42

Blomkvist (2011) - www.sub13.se

Holder, Nikkita (CAN) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2011 IAAF World Championships (Daegu, KOR)																		
date	03-Sep-11	time	2.65	3.68	4.74	5.72	6.74	7.72	8.73	9.75	10.77	11.81		12.93	2 / 6			
reaction time	0.172	interval		1.03	1.06	0.98	1.02	0.98	1.01	1.02	1.02	1.04	1.12			3.07	3.01	3.08
wind	1.1 m/s	velocity	4.91	8.25	8.02	8.67	8.33	8.67	8.42	8.33	8.33	8.17	9.38	7.73		8.31	8.47	8.28

KSSB (2011) - biomechanical analysis of women's 100m hurdle

Duncan, Alexis (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 IAAF World Junior Championships (Bydgoszcz, POL)																		
date	24-Jul-16	time	2.57	3.60	4.62	5.61	6.61	7.62	8.65	9.70	10.72	11.78		12.93	6 / 4			
reaction time	0.159	interval		1.03	1.02	0.99	1.00	1.01	1.03	1.05	1.02	1.06	1.15	PB		3.04	3.04	3.13
wind	2.0 m/s	velocity	5.06	8.25	8.33	8.59	8.50	8.42	8.25	8.10	8.33	8.02	9.13	7.73		8.39	8.39	8.15

(2016.07.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en

George, Phylicia (CAN) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	01-Sep-16	time	2.56	3.58	4.58	5.58	6.58	7.58	8.58	9.62	10.66	11.72		12.93	2 / 7			
reaction time	0.102	interval		1.02	1.00	1.00	1.00	1.00	1.00	1.04	1.04	1.06	1.21			3.02	3.00	3.14
wind	0.4 m/s	velocity	5.08	8.33	8.50	8.50	8.50	8.50	8.50	8.17	8.17	8.02	8.68	7.73		8.44	8.50	8.12

Henson (2020) - Athlete First: 2016 year end hurdle report

Porter, Tiffany (GBR) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)																		
date	15-Jun-17	time	2.50	3.52	4.54	5.54	6.54	7.54	8.58	9.58	10.62	11.66		12.93	3 / 5			
reaction time	0.124	interval		1.02	1.02	1.00	1.00	1.00	1.04	1.00	1.04	1.04	1.27			3.04	3.04	3.08
wind	0.8 m/s	velocity	5.20	8.33	8.33	8.50	8.50	8.50	8.17	8.50	8.17	8.17	8.27	7.73		8.39	8.39	8.28

Henson (2020) - Athlete First: 2017 year end hurdle report

Simmonds, Megan (JAM) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)																		
date	11-Aug-17	time	2.41	3.45	4.47	5.49	6.49	7.46	8.48	9.50	10.55	11.62		12.93	5 / 4			
reaction time	0.148	interval		1.04	1.02	1.02	1.00	0.97	1.02	1.02	1.05	1.07	1.31			3.08	2.99	3.14
wind	0.5 m/s	velocity	5.39	8.17	8.33	8.33	8.50	8.76	8.33	8.33	8.10	7.94	8.02	7.73		8.28	8.53	8.12

Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles

Harper Nelson, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	24-Aug-17	time	2.52	3.54	4.56	5.56	6.56	7.56	8.56	9.56	10.60	11.66		12.93	4 / 6			
reaction time	0.135	interval		1.02	1.02	1.00	1.00	1.00	1.00	1.00	1.04	1.06	1.27			3.04	3.00	3.10
wind	-0.3 m/s	velocity	5.16	8.33	8.33	8.50	8.50	8.50	8.50	8.50	8.17	8.02	8.27	7.73		8.39	8.50	8.23

Henson (2020) - Athlete First: 2017 year end hurdle report

Harper Nelson, Dawn (USA) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis)																		
date	23-Jun-18	time	2.43	3.52	4.53	5.52	6.50	7.50	8.48	9.50	10.51	11.57		12.93	7 / 5			
reaction time		interval		1.09	1.01	0.99	0.98	1.00	0.98	1.02	1.01	1.06	1.36			3.09	2.96	3.09
wind	-1.4 m/s	velocity	5.35	7.80	8.42	8.59	8.67	8.50	8.67	8.33	8.42	8.02	7.72	7.73		8.25	8.61	8.25

Henson (2020) - Athlete First: 2018 year end hurdle report

Thompson, Yanique (JAM) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)																		
date	13-Jul-18	time	2.56	3.58	4.62	5.62	6.62	7.62	8.60	9.62	10.62	11.64		12.93	1 / 8			
reaction time	0.155	interval		1.02	1.04	1.00	1.00	1.00	0.98	1.02	1.00	1.02	1.29			3.06	2.98	3.04
wind	0.1 m/s	velocity	5.08	8.33	8.17	8.50	8.50	8.50	8.67	8.33	8.50	8.33	8.14	7.73		8.33	8.56	8.39

Henson (2020) - Athlete First: 2018 year end hurdle report

Roleder, Cindy (GER) (1989)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis)																		
date	13-Jun-19	time	2.68	3.70	4.72	5.72	6.70	7.70	8.68	9.70	10.72	11.78		12.93	7 / 4			
reaction time	0.144	interval		1.02	1.02	1.00	0.98	1.00	0.98	1.02	1.02	1.06	1.15			3.04	2.96	3.10
wind	1.1 m/s	velocity	4.85	8.33	8.33	8.50	8.67	8.50	8.67	8.33	8.33	8.02	9.13	7.73		8.39	8.61	8.23

Henson (2020) - Athlete First: 2019 year end hurdle report

Kołeczek, Karolina (POL) (1993)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)																		
date	12-Jul-19	time	2.56	3.64	4.64	5.66	6.66	7.68	8.68	9.70	10.74	11.78		12.93	8 / 6			
reaction time	0.130	interval		1.08	1.00	1.02	1.00	1.02	1.00	1.02	1.04	1.04	1.15			3.10	3.02	3.10
wind	0.1 m/s	velocity	5.08	7.87	8.50	8.33	8.50	8.33	8.50	8.33	8.17	8.17	9.13	7.73		8.23	8.44	8.23

Henson (2020) - Athlete First: 2019 year end hurdle report

Terada, Asuka (JPN) (1990)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)															*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date	29-Aug-20	time	2.61	3.63	4.64	5.65	6.65	7.66	8.67	9.69	10.73	11.78		12.93	/ 2			
reaction time		interval		1.02	1.01	1.01	1.00	1.01	1.01	1.02	1.04	1.05	1.15			3.04	3.02	3.11
wind	2.1 m/s	velocity	4.98	8.33	8.42	8.42	8.50	8.42	8.42	8.33	8.17	8.10	8.74	7.73		8.39	8.44	8.20

Lin Yuwei (CHN) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese Student Games (Qingdao, CHN)															*CAA Hurdle Development (2021)*			
date	14-Jul-21	time	2.53	3.60	4.63	5.67	6.68	7.67	8.70	9.70	10.75	11.79		12.93	5 / 1			
reaction time		interval		1.07	1.03	1.04	1.01	0.99	1.03	1.00	1.05	1.04	1.14	PB		3.14	3.03	3.09
wind	-0.7 m/s	velocity	5.14	7.94	8.25	8.17	8.42	8.59	8.25	8.50	8.10	8.17	8.82	7.73		8.12	8.42	8.25

Bogliolo, Luminosa (ITA) (1995)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	31-Jul-21	time	2.57	3.62	4.66	5.66	6.64	7.63	8.63	9.66	10.72	11.75		12.93	2 / 3			
reaction time	0.165	interval		1.05	1.04	1.00	0.98	0.99	1.00	1.03	1.06	1.03	1.18			3.09	2.97	3.12
wind	0.4 m/s	velocity	5.06	8.10	8.17	8.50	8.67	8.59	8.50	8.25	8.02	8.25	8.52	7.73		8.25	8.59	8.17

Fourie, Marione (RSA) (2002)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	24-Jul-22	time	2.50	3.54	4.62	5.62	6.60	7.58	8.58	9.62	10.64	11.68		12.93	7 / 5			
reaction time	0.128	interval		1.04	1.08	1.00	0.98	0.98	1.00	1.04	1.02	1.04	1.25	PB		3.12	2.96	3.10
wind	-0.1 m/s	velocity	5.20	8.17	7.87	8.50	8.67	8.67	8.50	8.17	8.33	8.17	8.04	7.73		8.17	8.61	8.23

Bapte, Laeticia (FRA) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	24-Jul-22	time	2.53	3.60	4.58	5.58	6.53	7.51	8.51	9.53	10.63	11.68		12.93	1 / 6			
reaction time	0.157	interval	7 steps	1.07	0.98	1.00	0.95	0.98	1.00	1.02	1.10	1.05	1.25			3.05	2.93	3.17
wind	0.3 m/s	velocity	5.14	7.94	8.67	8.50	8.95	8.67	8.50	8.33	7.73	8.10	8.04	7.73		8.36	8.70	8.04

Mucci, Celeste (AUS) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)															*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date	21-May-23	time	2.59	3.65	4.66	5.65	6.67	7.68	8.68	9.72	10.75	11.79		12.93	9 / 4			
reaction time	0.161	interval		1.06	1.01	0.99	1.02	1.01	1.00	1.04	1.03	1.04	1.14			3.06	3.03	3.11
wind	0.4 m/s	velocity	5.02	8.02	8.42	8.59	8.33	8.42	8.50	8.17	8.25	8.17	8.82	7.73		8.33	8.42	8.20

Charlton, Devynne (BAH) (1995)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)															*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	2.41	3.45	4.46	5.46	6.45	7.45	8.46	9.49	10.53	11.60		12.93	6 / 6			
reaction time	0.155	interval		1.04	1.01	1.00	0.99	1.00	1.01	1.03	1.04	1.07	1.33			3.05	3.00	3.14
wind	0.2 m/s	velocity	5.39	8.17	8.42	8.50	8.59	8.50	8.42	8.25	8.17	7.94	7.56	7.73		8.36	8.50	8.12

Smith, Jalaysiya (USA) (2003)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.63	3.69	4.69	5.69	6.69	7.69	8.68	9.69	10.70	11.76		12.93	5 / 5			
reaction time		interval		1.06	1.00	1.00	1.00	1.00	0.99	1.01	1.01	1.06	1.17			3.06	2.99	3.08
wind	0.2 m/s	velocity	4.94	8.02	8.50	8.50	8.50	8.50	8.59	8.42	8.42	8.02	8.59	7.73		8.33	8.53	8.28

Morrison, Ebony (LBR) (1994)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	07-Aug-24	time	2.44	3.51	4.54	5.55	6.55	7.56	8.56	9.57	10.61	11.66		12.93	6 / 6			
reaction time	0.134	interval		1.07	1.03	1.01	1.00	1.01	1.00	1.01	1.04	1.05	1.27			3.11	3.01	3.10
wind	0.0 m/s	velocity	5.33	7.94	8.25	8.42	8.50	8.42	8.50	8.42	8.17	8.10	7.91	7.73		8.20	8.47	8.23

Johnson, Alaysha (USA) (1996)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Olympic Games (Paris, FRA)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	10-Aug-24	time	2.57	3.58	4.58	5.68	6.73	7.75	8.73	9.71	10.70	11.72		12.93	6 / 7			
reaction time	0.151	interval		1.01	1.00	1.10	1.05	1.02	0.98	0.98	0.99	1.02	1.21			3.11	3.05	2.99
wind	-0.3 m/s	velocity	5.06	8.42	8.50	7.73	8.10	8.33	8.67	8.67	8.59	8.33	8.31	7.73		8.20	8.36	8.53

Komisova, Vera (URS) (1953)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 1979 VII USSR Spartakiade (Moscow, URS)															*Balachničiv (1981) - Periodisierung & Zyklisierung des Trainings 78/79 von Hürdenlauferinnen der Spitzenklasse UdSSR*			
date	25-Jul-79	time	2.50	3.56	4.60	5.63	6.64	7.63	8.61	9.65	10.68	11.74		12.94	/ 2			
reaction time		interval		1.06	1.04	1.03	1.01	0.99	0.98	1.04	1.03	1.06	1.20			3.13	2.98	3.13
wind	???	velocity	5.20	8.02	8.17	8.25	8.42	8.59	8.67	8.17	8.25	8.02	8.75	7.73		8.15	8.56	8.15

Lawson, Tonya (USA) (1969)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USA Olympic Trials (Atlanta, GA)															*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time	2.30	3.31	4.31	5.33	6.34	7.38	8.41	9.43	10.45	11.49		12.94	1 / 5			
reaction time		interval		1.01	1.00	1.02	1.01	1.04	1.03	1.02	1.02	1.04	1.45	PB		3.03	3.08	3.08
wind	0.6 m/s	velocity	5.65	8.42	8.50	8.33	8.42	8.17	8.25	8.33	8.33	8.17	7.24	7.73		8.42	8.28	8.28

Laukhova, Svetlana (RUS) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 European Cup (Munich, GER) *Jung (2003) - http://www.fgs.uni-halle.de*

date	22-Jun-97	time	2.65	3.69	4.68	5.69	6.68	7.69	8.69	9.71	10.74	11.81		12.94	/ 1			
reaction time		interval		1.04	0.99	1.01	0.99	1.01	1.00	1.02	1.03	1.07	1.13	PB		3.04	3.00	3.12
wind	0.7 m/s	velocity	4.91	8.17	8.59	8.42	8.59	8.42	8.50	8.33	8.25	7.94	9.29	7.73		8.39	8.50	8.17

Lamalle, Adrianna (FRA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-07	time	2.72	3.80	4.83	5.84	6.83	7.82	8.80	9.79	10.80	11.82		12.94	/ 2			
reaction time	0.169	interval		1.08	1.03	1.01	0.99	0.99	0.98	0.99	1.01	1.02	1.12			3.12	2.96	3.02
wind	0.9 m/s	velocity	4.78	7.87	8.25	8.42	8.59	8.59	8.67	8.59	8.42	8.33	9.38	7.73		8.17	8.61	8.44

Claxton, Sarah (GBR) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Olympic Games (Beijing, CHN) *Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*

date	19-Aug-08	time	2.59	3.62	4.63	5.63	6.63	7.62	8.62	9.66	10.69	11.77		12.94	2 / 8			
reaction time	0.163	interval		1.03	1.01	1.00	1.00	0.99	1.00	1.04	1.03	1.08	1.17			3.04	2.99	3.15
wind	0.1 m/s	velocity	5.02	8.25	8.42	8.50	8.50	8.59	8.50	8.17	8.25	7.87	8.97	7.73		8.39	8.53	8.10

Nytra, Carolin (GER) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.62	3.65	4.66	5.66	6.66	7.69	8.71	9.74	10.78	11.82		12.94	8 / 5			
reaction time	0.149	interval		1.03	1.01	1.00	1.00	1.03	1.02	1.03	1.04	1.04	1.12			3.04	3.05	3.11
wind	0.3 m/s	velocity	4.96	8.25	8.42	8.50	8.50	8.25	8.33	8.25	8.17	8.17	9.38	7.73		8.39	8.36	8.20

Berings, Eline (BEL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	2.60	3.64	4.66	5.66	6.66	7.66	8.67	9.69	10.73	11.79		12.94	1 / 6			
reaction time	0.143	interval		1.04	1.02	1.00	1.00	1.00	1.01	1.02	1.04	1.06	1.15	NR		3.06	3.01	3.12
wind	0.3 m/s	velocity	5.00	8.17	8.33	8.50	8.50	8.50	8.42	8.33	8.17	8.02	9.13	7.73		8.39	8.36	8.20

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	09-Jun-16	time	2.52	3.54	4.56	5.56	6.54	7.54	8.54	9.56	10.60	11.68		12.94	7 / 4			
reaction time	0.143	interval		1.02	1.02	1.00	0.98	1.00	1.00	1.02	1.04	1.08	1.26			3.04	2.98	3.14
wind	-0.4 m/s	velocity	5.16	8.33	8.33	8.50	8.67	8.50	8.50	8.33	8.17	7.87	8.33	7.73		8.39	8.56	8.12

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	09-Jun-16	time	2.64	3.68	4.68	5.68	6.68	7.68	8.68	9.70	10.72	11.78		12.94	8 / 5			
reaction time	0.145	interval		1.04	1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.06	1.16			3.04	3.00	3.10
wind	-0.4 m/s	velocity	4.92	8.17	8.50	8.50	8.50	8.50	8.50	8.33	8.33	8.02	9.05	7.73		8.39	8.50	8.23

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	22-Jul-16	time	2.64	3.68	4.70	5.72	6.70	7.68	8.68	9.68	10.68	11.72		12.94	1 / 7			
reaction time	0.160	interval		1.04	1.02	1.02	0.98	0.98	1.00	1.00	1.00	1.04	1.22			3.08	2.96	3.04
wind	0.3 m/s	velocity	4.92	8.17	8.33	8.33	8.67	8.67	8.50	8.50	8.50	8.17	8.61	7.73		8.28	8.61	8.39

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2021) - Athlete First: 2016 year end hurdle report*

date	09-Sep-16	time	2.58	3.60	4.58	5.58	6.58	7.58	8.58	9.60	10.62	11.70		12.94	8 / 5			
reaction time	0.146	interval		1.02	0.98	1.00	1.00	1.00	1.00	1.02	1.02	1.08	1.24			3.00	3.00	3.12
wind	0.1 m/s	velocity	5.04	8.33	8.67	8.50	8.50	8.50	8.50	8.33	8.33	7.87	8.47	7.73		8.50	8.50	8.17

Burton, Rushelle (JAM) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.41	3.46	4.49	5.49	6.50	7.49	8.49	9.54	10.59	11.65		12.94	9 / 5			
reaction time	0.180	interval		1.05	1.03	1.00	1.01	0.99	1.00	1.05	1.05	1.06	1.29			3.08	3.00	3.16
wind	0.2 m/s	velocity	5.39	8.10	8.25	8.50	8.42	8.59	8.50	8.10	8.10	8.02	8.14	7.73		8.28	8.50	8.07

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	04-May-18	time	2.56	3.60	4.60	5.60	6.60	7.58	8.60	9.60	10.64	11.68		12.94	8 / 7			
reaction time	0.160	interval		1.04	1.00	1.00	1.00	0.98	1.02	1.00	1.04	1.04	1.26			3.04	3.00	3.08
wind	0.5 m/s	velocity	5.08	8.17	8.50	8.50	8.50	8.67	8.33	8.50	8.17	8.17	8.33	7.73		8.39	8.50	8.28

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	12-May-18	time	2.52	3.56	4.60	5.60	6.60	7.60	8.62	9.62	10.66	11.70		12.94	8 / 8			
reaction time	0.140	interval		1.04	1.04	1.00	1.00	1.00	1.02	1.00	1.04	1.04	1.24			3.08	3.02	3.08
wind	0.9 m/s	velocity	5.16	8.17	8.17	8.50	8.50	8.50	8.33	8.50	8.17	8.17	8.47	7.73		8.28	8.44	8.28

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	13-May-18	time	2.50	3.56	4.56	5.56	6.56	7.56	8.56	9.60	10.63	11.70		12.94	7 / 4			
reaction time		interval		1.06	1.00	1.00	1.00	1.00	1.00	1.04	1.03	1.07	1.24	PB		3.06	3.00	3.14
wind	1.2 m/s	velocity	5.20	8.02	8.50	8.50	8.50	8.50	8.50	8.17	8.25	7.94	8.47	7.73		8.33	8.50	8.12

Berings, Eline (BEL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 31-Aug-18 time	2.52	3.54	4.54	5.56	6.56	7.58	8.58	9.62	10.66	11.74		12.94	9 / 7			
reaction time 0.107 interval		1.02	1.00	1.02	1.00	1.02	1.00	1.04	1.04	1.08	1.20			3.04	3.02	3.16
wind 0.1 m/s velocity	5.16	8.33	8.50	8.33	8.50	8.33	8.50	8.17	8.17	7.87	8.75	7.73		8.39	8.44	8.07

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 03-May-19 time	2.52	3.52	4.52	5.50	6.48	7.46	8.48	9.50	10.56	11.68		12.94	5 / 7			
reaction time 0.163 interval		1.00	1.00	0.98	0.98	0.98	1.02	1.02	1.06	1.12	1.26			2.98	2.98	3.20
wind 0.9 m/s velocity	5.16	8.50	8.50	8.67	8.67	8.67	8.33	8.33	8.02	7.59	8.33	7.73		8.56	8.56	7.97

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19 time	2.65	3.67	4.69	5.69	6.70	7.70	8.70	9.72	10.75	11.79		12.94	4 / 6			
reaction time 0.138 interval		1.02	1.02	1.00	1.01	1.00	1.00	1.02	1.03	1.04	1.15			3.04	3.01	3.09
wind -1.0 m/s velocity	4.91	8.33	8.33	8.50	8.42	8.50	8.50	8.33	8.25	8.17	9.13	7.73		8.39	8.47	8.25

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 30-May-19 time	2.64	3.68	4.68	5.68	6.68	7.68	8.70	9.70	10.72	11.76		12.94	2 / 4			
reaction time 0.137 interval		1.04	1.00	1.00	1.00	1.00	1.02	1.00	1.02	1.04	1.18			3.04	3.02	3.06
wind 1.3 m/s velocity	4.92	8.17	8.50	8.50	8.50	8.50	8.33	8.50	8.33	8.17	8.90	7.73		8.39	8.44	8.33

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 30-May-19 time	2.64	3.68	4.68	5.68	6.68	7.68	8.68	9.70	10.72	11.76		12.94	3 / 5			
reaction time 0.132 interval		1.04	1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.18			3.04	3.00	3.08
wind 1.3 m/s velocity	4.92	8.17	8.50	8.50	8.50	8.50	8.50	8.33	8.33	8.17	8.90	7.73		8.39	8.50	8.28

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 10-Jun-21 time	2.52	3.56	4.56	5.56	6.56	7.58	8.58	9.60	10.64	11.70		12.94	4 / 4			
reaction time 0.170 interval		1.04	1.00	1.00	1.00	1.02	1.00	1.02	1.04	1.06	1.24			3.04	3.02	3.12
wind -0.8 m/s velocity	5.16	8.17	8.50	8.50	8.50	8.33	8.50	8.33	8.17	8.02	8.10	7.73		8.39	8.44	8.17

Roswell, Demisha (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 11-Jun-22 time	2.48	3.54	4.54	5.56	6.56	7.59	8.59	9.61	10.63	11.69		12.94	8 / 7			
reaction time interval		1.06	1.00	1.02	1.00	1.03	1.00	1.02	1.02	1.06	1.25			3.08	3.03	3.10
wind -0.2 m/s velocity	5.24	8.02	8.50	8.33	8.50	8.25	8.50	8.33	8.33	8.02	8.04	7.73		8.28	8.42	8.23

Zbären, Noemi (SUI) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 24-Jul-22 time	2.66	3.72	4.72	5.70	6.72	7.72	8.72	9.74	10.74	11.78		12.94	8 / 7			
reaction time 0.164 interval		1.06	1.00	0.98	1.02	1.00	1.00	1.02	1.00	1.04	1.16			3.04	3.02	3.06
wind 0.3 m/s velocity	4.89	8.02	8.50	8.67	8.33	8.50	8.50	8.33	8.50	8.17	8.66	7.73		8.39	8.44	8.33

Fourie, Marione (RSA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.56	3.63	4.66	5.66	6.66	7.66	8.66	9.68	10.72	11.74		12.94	6 / 3			
reaction time 0.140 interval		1.07	1.03	1.00	1.00	1.00	1.00	1.02	1.04	1.02	1.20			3.10	3.00	3.08
wind 0.5 m/s velocity	5.08	7.94	8.25	8.50	8.50	8.50	8.50	8.33	8.17	8.33	8.38	7.73		8.23	8.50	8.28

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 21-May-23 time	2.60	3.62	4.63	5.63	6.65	7.64	8.65	9.66	10.71	11.80		12.94	7 / 5			
reaction time 0.114 interval		1.02	1.01	1.00	1.02	0.99	1.01	1.01	1.05	1.09	1.14			3.03	3.02	3.15
wind 0.4 m/s velocity	5.00	8.33	8.42	8.50	8.33	8.59	8.42	8.42	8.10	7.80	8.82	7.73		8.42	8.44	8.10

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.60	3.64	4.66	5.64	6.66	7.66	8.65	9.66	10.70	11.78		12.94	9 / 7			
reaction time 0.163 interval		1.04	1.02	0.98	1.02	1.00	0.99	1.01	1.04	1.08	1.16			3.04	3.01	3.13
wind -0.4 m/s velocity	5.00	8.17	8.33	8.67	8.33	8.50	8.59	8.42	8.17	7.87	8.66	7.73		8.39	8.47	8.15

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.57	3.67	4.73	5.75	6.75	7.75	8.75	9.75	10.76	11.77		12.94	4 / 7			

reaction time	0.141	interval		1.10	1.06	1.02	1.00	1.00	1.00	1.00	1.01	1.01	1.17			3.18	3.00	3.02
wind	0.8 m/s	velocity	5.06	7.73	8.02	8.33	8.50	8.50	8.50	8.50	8.42	8.42	8.59	7.73		8.02	8.50	8.44

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.45	3.50	4.52	5.51	6.50	7.51	8.52	9.54	10.58	11.63		12.94	5 / 4			
reaction time 0.143 interval		1.05	1.02	0.99	0.99	1.01	1.01	1.02	1.04	1.05	1.31			3.06	3.01	3.11
wind -0.6 m/s velocity	5.31	8.10	8.33	8.59	8.59	8.42	8.42	8.33	8.17	8.10	7.67	7.73		8.33	8.47	8.20

Ewanjé-Epée, Monique (FRA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88 time	2.67	3.71	4.75	5.75	6.75	7.75	8.75	9.78	10.79	11.84		12.95	7 / 4			
reaction time 0.176 interval		1.04	1.04	1.00	1.00	1.00	1.00	1.03	1.01	1.05	1.11	PB		3.08	3.00	3.09
wind 0.4 m/s velocity	4.87	8.17	8.17	8.50	8.50	8.50	8.50	8.25	8.42	8.10	9.46	7.72		8.28	8.50	8.25

Graudyn, Yuliya (RUS) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99 time	2.58	3.61	4.62	5.63	6.61	7.59	8.57	9.60	10.62	11.67		12.95	8 / 7			
reaction time 0.135 interval		1.03	1.01	1.01	0.98	0.98	0.98	1.03	1.02	1.05	1.28			3.05	2.94	3.10
wind 1.9 m/s velocity	5.04	8.25	8.42	8.42	8.67	8.67	8.67	8.25	8.33	8.10	8.20	7.72		8.36	8.67	8.23

Alozie, Glory (ESP) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)													*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date 21-Sep-02 time	2.51	3.52	4.54	5.55	6.56	7.57	8.58	9.60	10.63	11.67		12.95	7 / 3			
reaction time 0.188 interval		1.01	1.02	1.01	1.01	1.01	1.01	1.02	1.03	1.04	1.28			3.04	3.03	3.09
wind 1.5 m/s velocity	5.18	8.42	8.33	8.42	8.42	8.42	8.42	8.33	8.25	8.17	8.20	7.72		8.39	8.42	8.25

Vukicevic, Christina (NOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 18-Aug-09 time	2.62	3.64	4.64	5.63	6.61	7.62	8.62	9.65	10.70	11.78		12.95	1 / 4			
reaction time 0.144 interval		1.02	1.00	0.99	0.98	1.01	1.00	1.03	1.05	1.08	1.17			3.01	2.99	3.16
wind -0.3 m/s velocity	4.96	8.33	8.50	8.59	8.67	8.42	8.50	8.25	8.10	7.87	8.97	7.72		8.47	8.53	8.07

Zbären, Noemi (SUI) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 28-Aug-15 time	2.62	3.64	4.66	5.64	6.64	7.64	8.64	9.64	10.68	11.76		12.95	3 / 6			
reaction time 0.165 interval		1.02	1.02	0.98	1.00	1.00	1.00	1.00	1.04	1.08	1.19			3.02	3.00	3.12
wind -0.3 m/s velocity	4.96	8.33	8.33	8.67	8.50	8.50	8.50	8.50	8.17	7.87	8.82	7.72		8.44	8.50	8.17

Williams, Shermaine (JAM) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 28-Aug-15 time	2.58	3.60	4.60	5.60	6.60	7.58	8.60	9.60	10.66	11.74		12.95	9 / 7			
reaction time 0.177 interval	7 steps	1.02	1.00	1.00	1.00	0.98	1.02	1.00	1.06	1.08	1.21			3.02	3.00	3.14
wind -0.3 m/s velocity	5.04	8.33	8.50	8.50	8.50	8.67	8.33	8.50	8.02	7.87	8.68	7.72		8.44	8.50	8.12

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 05-Jun-16 time	2.53	3.56	4.58	5.58	6.56	7.56	8.56	9.58	10.56	11.64		12.95	8 / 6			
reaction time 0.198 interval		1.03	1.02	1.00	0.98	1.00	1.00	1.02	0.98	1.08	1.31			3.05	2.98	3.08
wind -0.3 m/s velocity	5.14	8.25	8.33	8.50	8.67	8.50	8.50	8.33	8.67	7.87	8.02	7.72		8.36	8.56	8.28

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.42	3.47	4.49	5.51	6.52	7.53	8.55	9.56	10.59	11.65		12.95	2 / 6			
reaction time 0.163 interval		1.05	1.02	1.02	1.01	1.01	1.02	1.01	1.03	1.06	1.30			3.09	3.04	3.10
wind 0.2 m/s velocity	5.37	8.10	8.33	8.33	8.42	8.42	8.33	8.42	8.25	8.02	8.08	7.72		8.25	8.39	8.23

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 24-Aug-17 time	2.58	3.58	4.62	5.62	6.62	7.62	8.64	9.70	10.70	11.78		12.95	3 / 7			
reaction time 0.135 interval		1.00	1.04	1.00	1.00	1.00	1.02	1.06	1.00	1.08	1.17			3.04	3.02	3.14
wind -0.3 m/s velocity	5.04	8.50	8.17	8.50	8.50	8.50	8.33	8.02	8.50	7.87	8.97	7.72		8.39	8.44	8.12

Britton, Evonne (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 20-Jul-19 time	2.48	3.50	4.50	5.50	6.50	7.50	8.50	9.56	10.60	11.70		12.95	7 / 3			
reaction time 0.146 interval		1.02	1.00	1.00	1.00	1.00	1.00	1.06	1.04	1.10	1.25			3.02	3.00	3.20
wind -1.1 m/s velocity	5.24	8.33	8.50	8.50	8.50	8.50	8.50	8.02	8.17	7.73	8.40	7.72		8.44	8.50	7.97

Claye, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19 time	2.53	3.56	4.60	5.60	6.60	7.60	8.60	9.60	10.63	11.73		12.95	5 / 4			
reaction time 0.155 interval		1.03	1.04	1.00	1.00	1.00	1.00	1.00	1.03	1.10	1.22			3.07	3.00	3.13

wind	0.1 m/s	velocity	5.14	8.25	8.17	8.50	8.50	8.50	8.50	8.50	8.25	7.73	8.61	7.72		8.31	8.50	8.15

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.46	3.50	4.50	5.50	6.50	7.48	8.48	9.50	10.54	11.58		12.95	9 / 6			
reaction time 0.189 interval		1.04	1.00	1.00	1.00	0.98	1.00	1.02	1.04	1.04	1.37			3.04	2.98	3.10
wind 0.8 m/s velocity	5.28	8.17	8.50	8.50	8.50	8.67	8.50	8.33	8.17	8.17	7.34	7.72		8.39	8.56	8.23

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 08-Jul-20 time	2.60	3.63	4.66	5.66	6.63	7.63	8.63	9.63	10.66	11.73		12.95	5 / 3			
reaction time interval		1.03	1.03	1.00	0.97	1.00	1.00	1.00	1.03	1.07	1.22			3.06	2.97	3.10
wind 0.7 m/s velocity	5.00	8.25	8.25	8.50	8.76	8.50	8.50	8.50	8.25	7.94	8.24	7.72		8.33	8.59	8.23

Rothwell, Cha'mia (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter Final 1 - 2021 NCAA Championships Preliminary East Round (Jacksonville, FL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 29-May-21 time	2.57	3.63	4.67	5.67	6.65	7.67	8.69	9.70	10.73	11.77		12.95	3 / 3			
reaction time interval		1.06	1.04	1.00	0.98	1.02	1.02	1.01	1.03	1.04	1.18	PB		3.10	3.02	3.08
wind 0.8 m/s velocity	5.06	8.02	8.17	8.50	8.67	8.33	8.33	8.42	8.25	8.17	8.52	7.72		8.23	8.44	8.28

Britton, Evonne (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.48	3.52	4.52	5.52	6.52	7.52	8.52	9.55	10.58	11.63		12.95	9 / 9			
reaction time 0.144 interval		1.04	1.00	1.00	1.00	1.00	1.00	1.03	1.03	1.05	1.32			3.04	3.00	3.11
wind 1.2 m/s velocity	5.24	8.17	8.50	8.50	8.50	8.50	8.50	8.25	8.25	8.10	7.61	7.72		8.39	8.50	8.20

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.62	3.66	4.70	5.72	6.71	7.68	8.66	9.70	10.74	11.75		12.95	4 / 4			
reaction time 0.144 interval		1.04	1.04	1.02	0.99	0.97	0.98	1.04	1.04	1.01	1.20			3.10	2.94	3.09
wind 0.4 m/s velocity	4.96	8.17	8.17	8.33	8.59	8.76	8.67	8.17	8.17	8.42	8.38	7.72		8.23	8.67	8.25

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.53	3.56	4.61	5.67	6.66	7.67	8.68	9.73	10.76	11.79		12.95	4 / 5			
reaction time 0.164 interval		1.03	1.05	1.06	0.99	1.01	1.01	1.05	1.03	1.03	1.16			3.14	3.01	3.11
wind 0.3 m/s velocity	5.14	8.25	8.10	8.02	8.59	8.42	8.42	8.10	8.25	8.25	8.66	7.72		8.12	8.47	8.20

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.60	3.63	4.63	5.63	6.63	7.63	8.63	9.63	10.66	11.70		12.95	2 / 2			
reaction time 0.137 interval		1.03	1.00	1.00	1.00	1.00	1.00	1.00	1.03	1.04	1.25			3.03	3.00	3.07
wind -0.3 m/s velocity	5.00	8.25	8.50	8.50	8.50	8.50	8.50	8.50	8.25	8.17	8.04	7.72		8.42	8.50	8.31

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.58	3.62	4.62	5.61	6.62	7.62	8.63	9.66	10.71	11.77		12.95	6 / 1			
reaction time 0.149 interval		1.04	1.00	0.99	1.01	1.00	1.01	1.03	1.05	1.06	1.18			3.03	3.02	3.14
wind -1.2 m/s velocity	5.04	8.17	8.50	8.59	8.42	8.50	8.42	8.25	8.10	8.02	8.52	7.72		8.42	8.44	8.12

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.60	3.65	4.67	5.68	6.69	7.70	8.71	9.73	10.78	11.84		12.95	5 / 2			
reaction time 0.161 interval		1.05	1.02	1.01	1.01	1.01	1.01	1.02	1.05	1.06	1.11			3.08	3.03	3.13
wind -1.2 m/s velocity	5.00	8.10	8.33	8.42	8.42	8.42	8.42	8.33	8.10	8.02	9.05	7.72		8.28	8.42	8.15

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.53	3.56	4.57	5.55	6.54	7.52	8.55	9.61	10.65	11.73		12.95	8 / 5			
reaction time 0.170 interval		1.03	1.01	0.98	0.99	0.98	1.03	1.06	1.04	1.08	1.22			3.02	3.00	3.18
wind -0.7 m/s velocity	5.14	8.25	8.42	8.67	8.59	8.67	8.25	8.02	8.17	7.87	8.24	7.72		8.44	8.50	8.02

Kemenchezhi, Mariya (URS) (1959)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. GDR (Tbilisi, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date 26-Jun-81 time	2.52	3.56	4.57	5.58	6.64	7.69	8.74	9.75	10.78	11.82		12.96	/ 3			
reaction time interval		1.04	1.01	1.01	1.06	1.05	1.05	1.01	1.03	1.04	1.14			3.06	3.16	3.08
wind 0.0 m/s velocity	5.16	8.17	8.42	8.42	8.02	8.10	8.10	8.42	8.25	8.17	9.21	7.72		8.33	8.07	8.28

Donkova, Yordanka (BUL) (1961)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 1992 Olympic Games (Barcelona, ESP)													*Lyle - miscellaneous coaching notes*			
date 05-Aug-92 time	2.61	3.65	4.67	5.66	6.64	7.61	8.59	9.61	10.67	11.74		12.96	3 / 1			
reaction time interval		1.04	1.02	0.99	0.98	0.97	0.98	1.02	1.06	1.07	1.22			3.05	2.93	3.15
wind -0.3 m/s velocity	4.98	8.17	8.33	8.59	8.67	8.76	8.67	8.33	8.02	7.94	8.61	7.72		8.36	8.70	8.10

Tolbert-Goode, Lynda (USA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 1992 Olympic Games (Barcelona, ESP)																*Lyle - miscellaneous coaching notes*
date 05-Aug-92	time	2.58	3.62	4.64	5.63	6.62	7.62	8.63	9.66	10.71	11.80		12.96	5 / 1			
reaction time	interval		1.04	1.02	0.99	0.99	1.00	1.01	1.03	1.05	1.09	1.16			3.05	3.00	3.17
wind 0.7 m/s	velocity	5.04	8.17	8.33	8.59	8.59	8.50	8.42	8.25	8.10	7.80	9.05	7.72		8.36	8.50	8.04

Tolbert-Goode, Lynda (USA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Quarter-Final 2 - 1992 Olympic Games (Barcelona, ESP)																*Lyle - miscellaneous coaching notes*
date 05-Aug-92	time	2.56	3.59	4.57	5.56	6.55	7.55	8.55	9.55	10.58	11.63		12.96	5 / 2			
reaction time	interval		1.03	0.98	0.99	0.99	1.00	1.00	1.00	1.03	1.05	1.33			3.00	2.99	3.08
wind 1.4 m/s	velocity	5.08	8.25	8.67	8.59	8.59	8.50	8.50	8.50	8.25	8.10	7.89	7.72		8.50	8.53	8.28

Ramalalanirina, Nicole (FRA) (1972)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)																*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*
date 27-Aug-99	time	2.59	3.63	4.67	5.67	6.68	7.67	8.67	9.69	10.72	11.76		12.96	2 / 7			
reaction time 0.151	interval		1.04	1.04	1.00	1.01	0.99	1.00	1.02	1.03	1.04	1.20			3.08	3.00	3.09
wind 1.0 m/s	velocity	5.02	8.17	8.17	8.50	8.42	8.59	8.50	8.33	8.25	8.17	8.75	7.72		8.28	8.50	8.25

Adams, Jenny (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)																*USATF Men's Hurdle Development (2007)*
date 23-Jun-07	time	2.67	3.69	4.70	5.69	6.71	7.70	8.73	9.73	10.76	11.81		12.96	/ 6			
reaction time	interval		1.02	1.01	0.99	1.02	0.99	1.03	1.00	1.03	1.05	1.15			3.02	3.04	3.08
wind -1.3 m/s	velocity	4.87	8.33	8.42	8.59	8.33	8.59	8.25	8.50	8.25	8.10	9.13	7.72		8.44	8.39	8.28

Hayes, Joanna (USA) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 USA Olympic Trials (Eugene, OR)																*USATF Hurdle Development (2008)*
date 22-Jun-03	time	2.61	3.60	4.55	5.48	6.47	7.57	8.60	9.64	10.71	11.79		12.96	7 / 7			
reaction time	interval		0.99	0.95	0.93	0.99	1.10	1.03	1.04	1.07	1.08	1.17			2.87	3.12	3.19
wind -0.1 m/s	velocity	4.98	8.59	8.95	9.14	8.59	7.73	8.25	8.17	7.94	7.87	8.97	7.72		8.89	8.17	7.99

Trywiańska-Kollasch, Aurelia (POL)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)																*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*
date 18-Aug-08	time	2.56	3.69	4.70	5.72	6.73	7.75	8.75	9.76	10.79	11.84		12.96	3 / ~~6~~ 5			
reaction time 0.118	interval		1.13	1.01	1.02	1.01	1.02	1.00	1.01	1.03	1.05	1.12			3.16	3.03	3.09
wind 0.2 m/s	velocity	5.08	7.52	8.42	8.33	8.42	8.33	8.50	8.42	8.25	8.10	9.37	7.72		8.07	8.42	8.25

Rard-Reuse, Clélia (SUI) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis)																*Henson (2020) - Athlete First: 2016 year end hurdle report*
date 07-Jul-16	time	2.54	3.58	4.60	5.62	6.62	7.62	8.62	9.66	10.70	11.76		12.96	6 / 4			
reaction time 0.133	interval		1.04	1.02	1.02	1.00	1.00	1.00	1.04	1.04	1.06	1.20			3.08	3.00	3.14
wind -0.7 m/s	velocity	5.12	8.17	8.33	8.33	8.50	8.50	8.50	8.17	8.17	8.02	8.75	7.72		8.28	8.50	8.12

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)																*Henson (2021) - Athlete First: 2018 year end hurdle report*
date 08-Sep-18	time	2.52	3.56	4.60	5.60	6.60	7.60	8.60	9.60	10.62	11.66		12.96	4 / 5			
reaction time 0.167	interval		1.04	1.04	1.00	1.00	1.00	1.00	1.00	1.02	1.04	1.30			3.08	3.00	3.06
wind -0.1 m/s	velocity	5.16	8.17	8.17	8.50	8.50	8.50	8.50	8.50	8.33	8.17	8.08	7.72		8.28	8.50	8.33

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)																*Henson (2020) - Athlete First: 2019 year end hurdle report*
date 20-Jul-19	time	2.54	3.58	4.62	5.60	6.60	7.62	8.64	9.64	10.68	11.74		12.96	3 / 6			
reaction time 0.172	interval		1.04	1.04	0.98	1.00	1.02	1.02	1.00	1.04	1.06	1.22			3.06	3.04	3.10
wind 0.8 m/s	velocity	5.12	8.17	8.17	8.67	8.50	8.33	8.33	8.50	8.17	8.02	8.61	7.72		8.33	8.39	8.23

Steenkamp, Rikenette (RSA) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)																*Henson (2020) - Athlete First: 2019 year end hurdle report*
date 06-Oct-19	time	2.42	3.46	4.48	5.48	6.48	7.48	8.50	9.52	10.56	11.62		12.96	3 / 7			
reaction time 0.145	interval		1.04	1.02	1.00	1.00	1.00	1.02	1.02	1.04	1.06	1.34			3.06	3.02	3.12
wind 0.8 m/s	velocity	5.37	8.17	8.33	8.50	8.50	8.50	8.33	8.33	8.17	8.02	7.50	7.72		8.33	8.44	8.17

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)																*Henson (2020) - Athlete First: 2020 year end hurdle report*
date 19-Aug-20	time	2.56	3.60	4.63	5.61	6.61	7.61	8.61	9.61	10.64	11.67		12.96	3 / 3			
reaction time 0.142	interval		1.04	1.03	0.98	1.00	1.00	1.00	1.00	1.03	1.03	1.29			3.05	3.00	3.06
wind -0.2 m/s	velocity	5.08	8.17	8.25	8.67	8.50	8.50	8.50	8.50	8.25	8.25	7.79	7.72		8.36	8.50	8.33

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)																*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*
date 29-Apr-21	time	2.59	3.65	4.65	5.64	6.64	7.62	8.68	9.72	10.76	11.81		12.96	5 / 1			
reaction time	interval		1.06	1.00	0.99	1.00	0.98	1.06	1.04	1.04	1.05	1.15	NR PB		3.05	3.04	3.13
wind 1.6 m/s	velocity	5.02	8.02	8.50	8.59	8.50	8.67	8.02	8.17	8.17	8.10	8.74	7.72		8.36	8.39	8.15

Clemons, Christina (USA) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 28-Aug-21 time	2.48	3.52	4.56	5.58	6.58	7.58	8.58	9.60	10.64	11.68		12.96	7 / 6			
reaction time 0.150 interval		1.04	1.04	1.02	1.00	1.00	1.00	1.02	1.04	1.04	1.28			3.10	3.00	3.10
wind 1.7 m/s velocity	5.24	8.17	8.17	8.33	8.50	8.50	8.50	8.33	8.17	8.17	7.85	7.72		8.23	8.50	8.23

Zagré, Anne (BEL) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 03-Sep-21 time	2.60	3.62	4.64	5.62	6.60	7.60	8.60	9.64	10.66	11.70		12.96	8 / 6			
reaction time 0.153 interval		1.02	1.02	0.98	0.98	1.00	1.00	1.04	1.02	1.04	1.26			3.02	2.98	3.10
wind 0.7 m/s velocity	5.00	8.33	8.33	8.67	8.67	8.50	8.50	8.17	8.33	8.17	7.98	7.72		8.44	8.56	8.23

Wu Yanni (CHN) (1997)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 21-Sep-21 time	2.53	3.54	4.55	5.53	6.53	7.52	8.54	9.56	10.58	11.65		12.96	5 / 2			
reaction time 0.144 interval		1.01	1.01	0.98	1.00	0.99	1.02	1.02	1.02	1.07	1.31			3.00	3.01	3.11
wind 0.1 m/s velocity	5.14	8.42	8.42	8.67	8.50	8.59	8.33	8.33	8.33	7.94	7.67	7.72		8.50	8.47	8.20

Fukube, Mako (JPN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.53	3.56	4.60	5.60	6.60	7.60	8.63	9.66	10.70	11.76		12.96	7 / 4			
reaction time 0.108 interval		1.03	1.04	1.00	1.00	1.00	1.03	1.03	1.04	1.06	1.20			3.07	3.03	3.13
wind 0.7 m/s velocity	5.14	8.25	8.17	8.50	8.50	8.50	8.25	8.25	8.17	8.02	8.37	7.72		8.31	8.42	8.15

Kiyoyama, Chisato (JPN) (1991)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 21-May-23 time	2.64	3.67	4.69	5.69	6.68	7.69	8.69	9.70	10.74	11.80		12.96	2 / 6			
reaction time 0.145 interval		1.03	1.02	1.00	0.99	1.01	1.00	1.01	1.04	1.06	1.16	PB		3.05	3.00	3.11
wind 0.4 m/s velocity	4.92	8.25	8.33	8.50	8.59	8.42	8.50	8.42	8.17	8.02	8.66	7.72		8.36	8.50	8.20

Tanaka, Yumi (JPN) (1998)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.62	3.65	4.65	5.63	6.61	7.62	8.63	9.66	10.69	11.77		12.96	4 / 3			
reaction time 0.162 interval		1.03	1.00	0.98	0.98	1.01	1.01	1.03	1.03	1.08	1.19			3.01	3.00	3.14
wind -1.2 m/s velocity	4.96	8.25	8.50	8.67	8.67	8.42	8.42	8.25	8.25	7.87	8.45	7.72		8.47	8.50	8.12

Smith, Jalaysiya (USA) (2003)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.60	3.64	4.65	5.67	6.65	7.66	8.68	9.69	10.73	11.81		12.96	7 / 8			
reaction time interval		1.04	1.01	1.02	0.98	1.01	1.02	1.01	1.04	1.08	1.15			3.07	3.01	3.13
wind -0.5 m/s velocity	5.00	8.17	8.42	8.33	8.67	8.42	8.33	8.42	8.17	7.87	8.74	7.72		8.31	8.47	8.15

Hurske, Reetta (FIN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.46	3.51	4.51	5.51	6.50	7.50	8.51	9.54	10.59	11.65		12.96	7 / 6			
reaction time 0.139 interval		1.05	1.00	1.00	0.99	1.00	1.01	1.03	1.05	1.06	1.31			3.05	3.00	3.14
wind 0.8 m/s velocity	5.28	8.10	8.50	8.50	8.59	8.50	8.42	8.25	8.10	8.02	7.67	7.72		8.36	8.50	8.12

Kozák, Luca (HUN) (1996)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.48	3.55	4.57	5.58	6.57	7.57	8.58	9.60	10.64	11.69		12.96	2 / 3			
reaction time 0.147 interval		1.07	1.02	1.01	0.99	1.00	1.01	1.02	1.04	1.05	1.27			3.10	3.00	3.11
wind -0.2 m/s velocity	5.24	7.94	8.33	8.42	8.59	8.50	8.42	8.33	8.17	8.10	7.91	7.72		8.23	8.50	8.20

Wu Yanni (CHN) (1997)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25 time	2.54	3.61	4.62	5.62	6.61	7.59	8.59	9.61	10.63	11.67		12.96	8 / 8			
reaction time 0.163 interval		1.07	1.01	1.00	0.99	0.98	1.00	1.02	1.02	1.04	1.29			3.08	2.97	3.08
wind 0.3 m/s velocity	5.12	7.94	8.42	8.50	8.59	8.67	8.50	8.33	8.33	8.17	7.79	7.72		8.28	8.59	8.28

LaPlante, Deby (USA) (1953)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1979 Pan American Games (San Juan, PUR)													*Lyle (1979) - coaching observations*			
date 12-Jul-79 time	2.26	3.28	4.33	5.36	6.29	7.29	8.28	9.25	10.27	11.44		12.97	/ 1			
reaction time interval		1.02	1.05	1.03	0.93	1.00	0.99	0.97	1.02	1.17	1.53			3.10	2.92	3.16
wind 3.4 m/s velocity	5.75	8.33	8.10	8.25	9.14	8.50	8.59	8.76	8.33	7.26	6.86	7.71		8.23	8.73	8.07

Zaczkiewicz, Claudia (FRG) (1962)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 European Cup (Prague, TCH)													*Sušanka (1987) - hints on computer processing of biomechanical data*			
date 28-Jun-87 time	2.64	3.68	4.72	5.70	6.72	7.72	8.72	9.76	10.76	11.84		12.97	5 / 3			
reaction time interval		1.04	1.04	0.98	1.02	1.00	1.00	1.04	1.00	1.08	1.13			3.06	3.02	3.12
wind -0.9m/s velocity	4.92	8.17	8.17	8.67	8.33	8.50	8.50	8.17	8.50	7.87	9.29	7.71		8.33	8.44	8.17

Stanley-Boutte, Tananjalyn (USA) (1	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

date	23-Jun-96	time	2.40	3.44	4.48	5.50	6.50	7.51	8.51	9.53	10.54	11.56		12.97	8 / 6		
reaction time		interval		1.04	1.04	1.02	1.00	1.01	1.00	1.02	1.01	1.02	1.41			3.10	3.01	3.05
wind	0.6 m/s	velocity	5.42	8.17	8.17	8.33	8.50	8.42	8.50	8.33	8.42	8.33	7.45	7.71		8.23	8.47	8.36

Girard, Patricia (FRA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*

date	28-Aug-99	time	2.59	3.60	4.61	5.60	6.58	7.59	8.61	9.63	10.68	11.75		12.97	1 / 8		
reaction time	0.154	interval		1.01	1.01	0.99	0.98	1.01	1.02	1.02	1.05	1.07	1.22			3.01	3.01	3.14
wind	0.7 m/s	velocity	5.02	8.42	8.42	8.59	8.67	8.42	8.33	8.33	8.10	7.94	8.61	7.71		8.47	8.47	8.12

Antonova, Aleksandra (RUS) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-07	time	2.63	3.66	4.69	5.69	6.68	7.67	8.70	9.72	10.78	11.84		12.97	/ 3		
reaction time	0.118	interval		1.03	1.03	1.00	0.99	0.99	1.03	1.02	1.06	1.06	1.13			3.06	3.01	3.14
wind	0.9 m/s	velocity	4.94	8.25	8.25	8.50	8.59	8.59	8.25	8.33	8.02	8.02	9.29	7.71		8.33	8.47	8.12

Berings, Eline (BEL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2007 IAAF World Championships (Osaka, JPN) *Kawakami (2010) - improving women's 100m hurdle japanese hurdler- analysis of race patterns based on touchdown times*

date	27-Aug-07	time	2.65	3.67	4.70	5.72	6.75	7.75	8.79	9.79	10.82	11.87		12.97	5 / 6		
reaction time	0.124	interval		1.02	1.03	1.02	1.03	1.00	1.04	1.00	1.03	1.05	1.10	NR		3.07	3.07	3.08
wind	0.4 m/s	velocity	4.91	8.33	8.25	8.33	8.25	8.50	8.17	8.50	8.25	8.10	9.55	7.71		8.31	8.31	8.28

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	07-Jul-16	time	2.56	3.62	4.66	5.68	6.68	7.66	8.64	9.66	10.70	11.76		12.97	2 / 5		
reaction time	0.126	interval		1.06	1.04	1.02	1.00	0.98	0.98	1.02	1.04	1.06	1.21			3.12	2.96	3.12
wind	-0.7 m/s	velocity	5.08	8.02	8.17	8.33	8.50	8.67	8.67	8.33	8.17	8.02	8.68	7.71		8.17	8.61	8.17

George, Phylicia (CAN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2021) - Athlete First: 2016 year end hurdle report*

date	09-Sep-16	time	2.56	3.62	4.62	5.62	6.62	7.62	8.64	9.66	10.68	11.76		12.97	3 / 6		
reaction time	0.120	interval		1.06	1.00	1.00	1.00	1.00	1.02	1.02	1.02	1.08	1.21			3.06	3.02	3.12
wind	0.1 m/s	velocity	5.08	8.02	8.50	8.50	8.50	8.50	8.33	8.33	8.33	7.87	8.68	7.71		8.33	8.44	8.17

Talay, Alina (BLR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	27-May-17	time	2.54	3.58	4.58	5.58	6.58	7.56	8.56	9.58	10.64	11.68		12.97	1 / 8		
reaction time	0.159	interval		1.04	1.00	1.00	1.00	0.98	1.00	1.02	1.06	1.04	1.29			3.04	2.98	3.12
wind	0.8 m/s	velocity	5.12	8.17	8.50	8.50	8.50	8.67	8.50	8.33	8.02	8.17	8.14	7.71		8.39	8.56	8.17

Wu Shuijiao (CHN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Henson (2017) - coaching observations*

date	04-Sep-17	time	2.65	3.69	4.69	5.69	6.69	7.70	8.70	9.72	10.76	11.82		12.97	7 / 1		
reaction time		interval		1.04	1.00	1.00	1.00	1.01	1.00	1.02	1.04	1.06	1.15			3.04	3.01	3.12
wind	-0.2 m/s	velocity	4.91	8.17	8.50	8.50	8.50	8.42	8.50	8.33	8.17	8.02	9.13	7.71		8.39	8.47	8.17

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	31-May-18	time	2.56	3.62	4.60	5.60	6.58	7.56	8.54	9.54	10.64	11.70		12.97	2 / 5		
reaction time	0.155	interval		1.06	0.98	1.00	0.98	0.98	0.98	1.00	1.10	1.06	1.27			3.04	2.94	3.16
wind	0.0 m/s	velocity	5.08	8.02	8.67	8.50	8.67	8.67	8.67	8.50	7.73	8.02	8.27	7.71		8.39	8.67	8.07

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	03-May-19	time	2.56	3.60	4.64	5.68	6.68	7.68	8.70	9.70	10.74	11.78		12.97	9 / 8		
reaction time	0.141	interval		1.04	1.04	1.04	1.00	1.00	1.02	1.00	1.04	1.04	1.19			3.12	3.02	3.08
wind	0.9 m/s	velocity	5.08	8.17	8.17	8.17	8.50	8.50	8.33	8.50	8.17	8.17	8.82	7.71		8.17	8.44	8.28

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Nanjing World Challenge (Nanjing, CHN) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	30-May-19	time	2.56	3.64	4.68	5.72	6.74	7.74	8.74	9.74	10.74	11.78		12.97	8 / 6		
reaction time	0.150	interval		1.08	1.04	1.04	1.02	1.00	1.00	1.00	1.00	1.04	1.19			3.16	3.02	3.04
wind	1.3 m/s	velocity	5.08	7.87	8.17	8.17	8.33	8.50	8.50	8.50	8.50	8.17	8.82	7.71		8.07	8.44	8.39

McMinn, Tiara (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Jun-19	time	2.53	3.56	4.56	5.56	6.56	7.60	8.60	9.63	10.66	11.73		12.97	9 / 7		
reaction time	0.175	interval		1.03	1.00	1.00	1.00	1.04	1.00	1.03	1.03	1.07	1.24			3.03	3.04	3.13
wind	0.6 m/s	velocity	5.14	8.25	8.50	8.50	8.50	8.17	8.50	8.25	8.25	7.94	8.47	7.71		8.42	8.39	8.15

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN) *Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*

date	01-Sep-19	time	2.58	3.62	4.62	5.63	6.63	7.65	8.67	9.70	10.76	11.82		12.97	4 / 1			
reaction time		interval		1.04	1.00	1.01	1.00	1.02	1.02	1.03	1.06	1.06	1.15	NR PB		3.05	3.04	3.15
wind	1.2 m/s	velocity	5.04	8.17	8.50	8.42	8.50	8.33	8.33	8.25	8.02	8.02	8.74	7.71		8.36	8.39	8.10

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis) — *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	06-Oct-19	time	2.54	3.58	4.58	5.58	6.60	7.58	8.58	9.60	10.64	11.68		12.97	9 / 6			
reaction time	0.176	interval		1.04	1.00	1.00	1.02	0.98	1.00	1.02	1.04	1.04	1.29			3.04	3.00	3.10
wind	1.0 m/s	velocity	5.12	8.17	8.50	8.50	8.33	8.67	8.50	8.33	8.17	8.17	7.79	7.71		8.39	8.50	8.23

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	12-Jun-21	time	2.52	3.60	4.64	5.67	6.71	7.67	8.67	9.71	10.71	11.71		12.97	9 / 6			
reaction time	0.233	interval		1.08	1.04	1.03	1.04	0.96	1.00	1.04	1.00	1.00	1.26			3.15	3.00	3.04
wind	0.4 m/s	velocity	5.16	7.87	8.17	8.25	8.17	8.85	8.50	8.17	8.50	8.50	7.98	7.71		8.10	8.50	8.39

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.61	3.66	4.64	5.61	6.61	7.64	8.66	9.69	10.74	11.78		12.97	4 / 3			
reaction time		interval		1.05	0.98	0.97	1.00	1.03	1.02	1.03	1.05	1.04	1.19			3.00	3.05	3.12
wind	-1.1 m/s	velocity	4.98	8.10	8.67	8.76	8.50	8.25	8.33	8.25	8.10	8.17	8.45	7.71		8.50	8.36	8.17

Williams, Kendall (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	04-Aug-21	time	2.63	3.63	4.63	5.62	6.62	7.62	8.62	9.66	10.69	11.77		12.97	6 / 1			
reaction time	0.149	interval		1.00	1.00	0.99	1.00	1.00	1.00	1.04	1.03	1.08	1.20			2.99	3.00	3.15
wind	-0.8 m/s	velocity	4.94	8.50	8.50	8.59	8.50	8.50	8.50	8.17	8.25	7.87	8.37	7.71		8.53	8.50	8.10

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN) — *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	29-Apr-23	time	2.62	3.66	4.68	5.70	6.70	7.69	8.70	9.73	10.76	11.82		12.97	4 / 1			
reaction time	0.155	interval		1.04	1.02	1.02	1.00	0.99	1.01	1.03	1.03	1.06	1.15	PB		3.08	3.00	3.12
wind	0.6 m/s	velocity	4.96	8.17	8.33	8.33	8.50	8.59	8.42	8.25	8.25	8.02	8.74	7.71		8.28	8.50	8.17

Jones, Hannah (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN) — *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	21-May-23	time	2.64	3.70	4.72	5.71	6.72	7.72	8.73	9.75	10.77	11.81		12.97	3 / 7			
reaction time	0.144	interval		1.06	1.02	0.99	1.01	1.00	1.01	1.02	1.02	1.04	1.16			3.07	3.02	3.08
wind	0.4 m/s	velocity	4.92	8.02	8.33	8.59	8.42	8.50	8.42	8.33	8.33	8.17	8.66	7.71		8.31	8.44	8.28

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Bauhaus Galan (Stockholm, SWE) — *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	2.47	3.52	4.54	5.54	6.54	7.53	8.54	9.56	10.59	11.65		12.97	6 / 5			
reaction time	0.149	interval		1.05	1.02	1.00	1.00	0.99	1.01	1.02	1.03	1.06	1.32			3.07	3.00	3.11
wind	0.9 m/s	velocity	5.26	8.10	8.33	8.50	8.50	8.59	8.42	8.33	8.25	8.02	7.61	7.71		8.31	8.50	8.20

Hall, Anna (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2024) - Athlete First: 2023 year end hurdle report*

date	19-Aug-23	time	2.68	3.70	4.68	5.68	6.68	7.67	8.70	9.70	10.73	11.83		12.97	5 / 2			
reaction time	0.187	interval	7 steps	1.02	0.98	1.00	1.00	0.99	1.03	1.00	1.03	1.10	1.14			3.00	3.02	3.13
wind	0.4 m/s	velocity	4.85	8.33	8.67	8.50	8.50	8.59	8.25	8.50	8.25	7.73	8.82	7.71		8.50	8.44	8.15

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.60	3.62	4.62	5.60	6.64	7.62	8.62	9.64	10.69	11.75		12.97	8 / 6			
reaction time	0.167	interval		1.02	1.00	0.98	1.04	0.98	1.00	1.02	1.05	1.06	1.22			3.00	3.02	3.13
wind	0.5 m/s	velocity	5.00	8.33	8.50	8.67	8.17	8.67	8.50	8.33	8.10	8.02	8.24	7.71		8.50	8.44	8.15

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.60	3.63	4.65	5.65	6.64	7.64	8.64	9.67	10.71	11.76		12.97	2 / 6			
reaction time	0.175	interval		1.03	1.02	1.00	0.99	1.00	1.00	1.03	1.04	1.05	1.21			3.05	2.99	3.12
wind	-0.7 m/s	velocity	5.00	8.25	8.33	8.50	8.59	8.50	8.50	8.25	8.17	8.10	8.31	7.71		8.36	8.53	8.17

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.54	3.60	4.61	5.61	6.59	7.59	8.61	9.62	10.65	11.69		12.97	8 / 6			
reaction time	0.185	interval		1.06	1.01	1.00	0.98	1.00	1.02	1.01	1.03	1.04	1.28			3.07	3.00	3.08
wind	-0.1 m/s	velocity	5.12	8.02	8.42	8.50	8.67	8.50	8.33	8.42	8.25	8.17	7.85	7.71		8.31	8.50	8.28

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.44	3.49	4.51	5.51	6.50	7.51	8.52	9.55	10.60	11.66		12.97	4 / 5			

reaction time	0.168	interval		1.05	1.02	1.00	0.99	1.01	1.01	1.03	1.05	1.06	1.31			3.07	3.01	3.14
wind	-0.6 m/s	velocity	5.33	8.10	8.33	8.50	8.59	8.42	8.42	8.25	8.10	8.02	7.67	7.71		8.31	8.47	8.12

Kilborn-Ryan, Pam (AUS) (1939)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1972 Olympic Games (Munich, FRG)													*Kay (1972) - BAAB Munich Technical Report*			
date 08-Sep-72	time	2.6	3.6	4.6	5.6	6.6	7.7	8.7	9.7	10.7	11.9		12.98	3 / 4			
reaction time	interval		1.00	1.00	1.00	1.00	1.10	1.00	1.00	1.00	1.20	1.08			3.00	3.10	3.20
wind 0.6 m/s	velocity	5.00	8.50	8.50	8.50	8.50	7.73	8.50	8.50	8.50	7.08	9.72	7.70		8.50	8.23	7.97

Colle, Florence (FRA) (1965)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 30-Sep-88	time	2.65	3.69	4.74	5.74	6.74	7.75	8.77	9.78	10.82	11.85		12.98	1 / 5			
reaction time 0.173	interval		1.04	1.05	1.00	1.00	1.01	1.02	1.01	1.04	1.03	1.13			3.09	3.03	3.08
wind 0.2 m/s	velocity	4.91	8.17	8.10	8.50	8.50	8.42	8.33	8.42	8.17	8.25	9.29	7.70		8.25	8.42	8.28

Feng Yun (CHN) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99	time	2.52	3.53	4.52	5.53	6.52	7.51	8.53	9.57	10.62	11.68		12.98	5 / 8			
reaction time 0.150	interval		1.01	0.99	1.01	0.99	0.99	1.02	1.04	1.05	1.06	1.30			3.01	3.00	3.15
wind 1.9 m/s	velocity	5.16	8.42	8.59	8.42	8.59	8.59	8.33	8.17	8.10	8.02	8.08	7.70		8.47	8.50	8.10

Kulawansa-Fonseka, Sriyani (SRI) (1

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1999 IAAF World Championships (Sevilla, ESP)													*Sanchez (1999) - Sevilla '99: análisis de la carreras con villas*			
date 27-Aug-99	time	2.57	3.61	4.64	5.64	6.65	7.65	8.67	9.69	10.72	11.77		12.98	7 / 8			
reaction time 0.142	interval		1.04	1.03	1.00	1.01	1.00	1.02	1.02	1.03	1.05	1.21			3.07	3.03	3.10
wind 1.0 m/s	velocity	5.06	8.17	8.25	8.50	8.42	8.50	8.33	8.33	8.25	8.10	8.68	7.70		8.31	8.42	8.23

Carruthers, Danielle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 USATF National Championships (Indianapolis, IN)													*USATF Men's Hurdle Development (2007)*			
date 23-Jun-07	time	2.64	3.69	4.70	5.71	6.74	7.76	8.79	9.81	10.83	11.86		12.98	/ 7			
reaction time	interval		1.05	1.01	1.01	1.03	1.02	1.03	1.02	1.02	1.03	1.12			3.07	3.08	3.07
wind -1.3 m/s	velocity	4.92	8.10	8.42	8.42	8.25	8.33	8.25	8.33	8.33	8.25	9.37	7.70		8.31	8.28	8.31

Ennis-London, Delloreen (JAM) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 ISTAF (Berlin, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	2.62	3.65	4.68	5.67	6.65	7.68	8.67	9.70	10.75	11.83		12.98	/ 2			
reaction time 0.145	interval		1.03	1.03	0.99	0.98	1.03	0.99	1.03	1.05	1.08	1.15			3.05	3.00	3.16
wind -0.1 m/s	velocity	4.96	8.25	8.25	8.59	8.67	8.25	8.59	8.25	8.10	7.87	9.13	7.70		8.36	8.50	8.07

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 01-Sep-16	time	2.60	3.64	4.64	5.64	6.64	7.64	8.66	9.70	10.72	11.74		12.98	9 / 8			
reaction time 0.146	interval		1.04	1.00	1.00	1.00	1.00	1.02	1.04	1.02	1.02	1.24			3.04	3.02	3.08
wind 0.4 m/s	velocity	5.00	8.17	8.50	8.50	8.50	8.50	8.33	8.17	8.33	8.33	8.47	7.70		8.39	8.44	8.28

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 15-Jun-17	time	2.62	3.66	4.70	5.70	6.68	7.68	8.68	9.70	10.72	11.74		12.98	8 / 6			
reaction time 0.154	interval		1.04	1.04	1.00	0.98	1.00	1.00	1.02	1.02	1.02	1.24			3.08	2.98	3.06
wind 0.8 m/s	velocity	4.96	8.17	8.17	8.50	8.67	8.50	8.50	8.33	8.33	8.33	8.47	7.70		8.28	8.56	8.33

Boons, Eefje (NED) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 06-Jul-17	time	2.52	3.60	4.62	5.62	6.62	7.62	8.62	9.64	10.66	11.70		12.98	3 / 7			
reaction time 0.128	interval		1.08	1.02	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.28	PB		3.10	3.00	3.08
wind -0.1 m/s	velocity	5.16	7.87	8.33	8.50	8.50	8.50	8.50	8.33	8.33	8.17	8.20	7.70		8.23	8.50	8.28

Barber, Jade (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 29-Apr-18	time	2.67	3.67	4.72	5.73	6.74	7.73	8.75	9.76	10.79	11.83		12.98	6 / 1			
reaction time	interval		1.00	1.05	1.01	1.01	0.99	1.02	1.01	1.03	1.04	1.15			3.06	3.02	3.08
wind 3.6 m/s	velocity	4.87	8.50	8.10	8.42	8.42	8.59	8.33	8.42	8.25	8.17	9.13	7.70		8.33	8.44	8.28

Owens, Bridgette (USA) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 07-Jun-18	time	2.56	3.60	4.62	5.62	6.60	7.60	8.62	9.64	10.66	11.72		12.98	1 / 7			
reaction time 0.232	interval		1.04	1.02	1.00	0.98	1.00	1.02	1.02	1.02	1.06	1.26			3.06	3.00	3.10
wind 1.1 m/s	velocity	5.08	8.17	8.33	8.50	8.67	8.50	8.33	8.33	8.33	8.02	8.33	7.70		8.33	8.50	8.23

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 12-Jul-19	time	2.48	3.52	4.52	5.52	6.50	7.50	8.50	9.54	10.62	11.72		12.98	7 / 7			
reaction time 0.123	interval		1.04	1.00	1.00	0.98	1.00	1.00	1.04	1.08	1.10	1.26			3.04	2.98	3.22

wind	0.1 m/s	velocity	5.24	8.17	8.50	8.50	8.67	8.50	8.50	8.17	7.87	7.73	8.33	7.70			8.39	8.56	7.92

Korte, Annimari (FIN) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	10-Sep-19	time	2.56	3.63	4.66	5.66	6.66	7.66	8.66	9.68	10.70	11.75		12.98	6 / 5			
reaction time	0.140	interval		1.07	1.03	1.00	1.00	1.00	1.00	1.02	1.02	1.05	1.23			3.10	3.00	3.09
wind	0.1 m/s	velocity	5.08	7.94	8.25	8.50	8.50	8.50	8.50	8.33	8.33	8.10	8.54	7.70		8.23	8.50	8.25

Wu Yanni (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)															*CAA Hurdle Development (2021)*			
date	12-Jun-21	time	2.66	3.70	4.70	5.70	6.72	7.72	8.72	9.74	10.78	11.84		12.98	6 / 1			
reaction time	0.162	interval		1.04	1.00	1.00	1.02	1.00	1.00	1.02	1.04	1.06	1.14	PB		3.04	3.02	3.12
wind	1.0 m/s	velocity	4.89	8.17	8.50	8.50	8.33	8.50	8.50	8.33	8.17	8.02	8.82	7.70		8.39	8.44	8.17

Siciarz, Klaudia (POL) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	31-Jul-21	time	2.59	3.66	4.70	5.72	6.72	7.70	8.72	9.74	10.76	11.79		12.98	3 / 6			
reaction time	0.165	interval	7 steps	1.07	1.04	1.02	1.00	0.98	1.02	1.02	1.02	1.03	1.19			3.13	3.00	3.07
wind	0.3 m/s	velocity	5.02	7.94	8.17	8.33	8.50	8.67	8.33	8.33	8.33	8.25	8.45	7.70		8.15	8.50	8.31

Visser, Nadine (NED) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	09-Jun-22	time	2.50	3.53	4.53	5.51	6.51	7.51	8.53	9.60	10.65	11.72		12.98	8 / 6			
reaction time	0.146	interval		1.03	1.00	0.98	1.00	1.00	1.02	1.07	1.05	1.07	1.26			3.01	3.02	3.19
wind	0.1 m/s	velocity	5.20	8.25	8.50	8.67	8.50	8.50	8.33	7.94	8.10	7.94	7.98	7.70		8.47	8.44	7.99

Barber, Jade (USA) (1993)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis)															*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date	03-Jun-22	time	2.60	3.66	4.68	5.68	6.64	7.66	8.66	9.68	10.70	11.76		12.98	8 / 3			
reaction time		interval		1.06	1.02	1.00	0.96	1.02	1.00	1.02	1.02	1.06	1.22			3.08	2.98	3.10
wind	0.2 m/s	velocity	5.00	8.02	8.33	8.50	8.85	8.33	8.50	8.33	8.33	8.02	8.24	7.70		8.28	8.56	8.23

Jones, Tia (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	30-Jun-22	time	2.53	3.56	4.56	5.63	6.66	7.66	8.66	9.66	10.70	11.73		12.98	3 / 8			
reaction time	0.166	interval		1.03	1.00	1.07	1.03	1.00	1.00	1.00	1.04	1.03	1.25			3.10	3.03	3.07
wind	-0.5 m/s	velocity	5.14	8.25	8.50	7.94	8.25	8.50	8.50	8.50	8.17	8.25	8.04	7.70		8.23	8.42	8.31

Aoki, Masumi (JPN) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN)															*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date	29-Apr-23	time	2.62	3.65	4.69	5.70	6.72	7.75	8.77	9.79	10.83	11.87		12.98	5 / 2			
reaction time	0.152	interval		1.03	1.04	1.01	1.02	1.03	1.02	1.02	1.04	1.04	1.11			3.08	3.07	3.10
wind	0.6 m/s	velocity	4.96	8.25	8.17	8.42	8.33	8.25	8.33	8.33	8.17	8.17	9.05	7.70		8.28	8.31	8.23

Shaw, Danielle (AUS) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	12-May-24	time	2.60	3.64	4.67	5.66	6.66	7.67	8.68	9.71	10.73	11.79		12.98	4 / 3			
reaction time	0.148	interval		1.04	1.03	0.99	1.00	1.01	1.01	1.03	1.02	1.06	1.19	PB		3.06	3.02	3.11
wind	0.2 m/s	velocity	5.00	8.17	8.25	8.59	8.50	8.42	8.42	8.25	8.33	8.02	8.45	7.70		8.33	8.44	8.20

Hughes, Amber (USA) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 FBK Games (Hengelo, NED) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	07-Jul-24	time	2.65	3.68	4.70	5.68	6.67	7.66	8.68	9.70	10.73	11.78		12.98	1 / 8			
reaction time	0.169	interval		1.03	1.02	0.98	0.99	0.99	1.02	1.02	1.03	1.05	1.20			3.03	3.00	3.10
wind	1.6 m/s	velocity	4.91	8.25	8.33	8.67	8.59	8.59	8.33	8.33	8.25	8.10	8.37	7.70		8.42	8.50	8.23

Tjin-A-Lim, Maayke (NED) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	07-Aug-24	time	2.51	3.58	4.60	5.59	6.59	7.60	8.62	9.64	10.68	11.72		12.98	5 / 7			
reaction time	0.151	interval	7 steps	1.07	1.02	0.99	1.00	1.01	1.02	1.02	1.04	1.04	1.26			3.08	3.03	3.10
wind	-0.1 m/s	velocity	5.18	7.94	8.33	8.59	8.50	8.42	8.33	8.33	8.17	8.17	7.98	7.70		8.28	8.42	8.23

Wu Yanni (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Repechage 3 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	2.51	3.56	4.58	5.58	6.58	7.57	8.58	9.60	10.64	11.69		12.98	3 / 4			
reaction time	0.132	interval		1.05	1.02	1.00	1.00	0.99	1.01	1.02	1.04	1.05	1.29			3.07	3.00	3.11
wind	-0.2 m/s	velocity	5.18	8.10	8.33	8.50	8.50	8.59	8.42	8.33	8.17	8.10	7.79	7.70		8.31	8.50	8.20

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Weltklasse (Zürich, SUI)															*Omega Timing (2024) - diamond league race analysis*			
date	05-Sep-24	time	2.49	3.55	4.57	5.57	6.56	7.56	8.56	9.58	10.62	11.67		12.98	8 / ~~9~~	*no official time given*		
reaction time	0.097	interval		1.06	1.02	1.00	0.99	1.00	1.00	1.02	1.04	1.05	1.31	DQ		3.08	2.99	3.11
wind	0.8 m/s	velocity	5.22	8.02	8.33	8.50	8.59	8.50	8.50	8.33	8.17	8.10	7.67	7.70		8.28	8.53	8.20

Rocheleau-Baumann, Julie (CAN) (1	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date 30-Sep-88 time	2.56	3.61	4.62	5.62	6.67	7.68	8.70	9.74	10.78	11.82		12.99	2 / 6			
reaction time 0.149 interval		1.05	1.01	1.00	1.05	1.01	1.02	1.04	1.04	1.04	1.17			3.06	3.08	3.12
wind 0.2 m/s velocity	5.08	8.10	8.42	8.50	8.10	8.42	8.33	8.17	8.17	8.17	8.97	7.70		8.33	8.28	8.17

Nytra, Carolin (GER) (1985)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)												*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*				
date 18-Aug-08 time	2.60	3.63	4.66	5.67	6.68	7.70	8.73	9.75	10.79	11.87		12.99	2 / ~~7~~ 6			
reaction time 0.144 interval		1.03	1.03	1.01	1.01	1.02	1.03	1.02	1.04	1.08	1.12			3.07	3.06	3.14
wind 0.2 m/s velocity	5.00	8.25	8.25	8.42	8.42	8.33	8.25	8.33	8.17	7.87	9.37	7.70		8.31	8.33	8.12

Felicien, Perdita (CAN) (1980)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 University of Illinios Invitational (Champaign, IL)												*Winckler (2009) - UK Athletics- National Coaching Conference*				
date 02-May-09 time	2.71	3.71	4.71	5.70	6.68	7.68	8.70	9.73	10.76	11.83		12.99	/ 1			
reaction time interval		1.00	1.00	0.99	0.98	1.00	1.02	1.03	1.03	1.07	1.16			2.99	3.00	3.13
wind 2.1 m/s velocity	4.80	8.50	8.50	8.59	8.67	8.50	8.33	8.25	8.25	7.94	9.05	7.70		8.53	8.50	8.15

Augustus, Olutoyin (NGR) (1979)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 18-Aug-09 time	2.64	3.70	4.74	5.74	6.74	7.75	8.76	9.78	10.81	11.86		12.99	7 / ~~3~~			
reaction time 0.139 interval		1.06	1.04	1.00	1.00	1.01	1.01	1.02	1.03	1.05	1.13	DV		3.10	3.02	3.10
wind 0.1 m/s velocity	4.92	8.02	8.17	8.50	8.50	8.42	8.42	8.33	8.25	8.10	9.29	7.70		8.23	8.44	8.23

Yanit, Nevin (TUR) (1986)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 19-Aug-09 time	2.60	3.64	4.66	5.68	6.68	7.69	8.71	9.74	10.78	11.86		12.99	8 / 5			
reaction time 0.153 interval		1.04	1.02	1.02	1.00	1.01	1.02	1.03	1.04	1.08	1.13			3.08	3.03	3.15
wind -0.1 m/s velocity	5.00	8.17	8.33	8.33	8.50	8.42	8.33	8.25	8.17	7.87	9.29	7.70		8.28	8.42	8.10

Škrobáková, Lucie (CZE) (1982)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)												*Feher (2014) - Final report from the Czech Republic national championships*				
date 02-Aug-14 time	2.62	3.66	4.68	5.66	6.65	7.65	8.68	9.69	10.74	11.79		12.99	4 / 1			
reaction time 0.113 interval		1.04	1.02	0.98	0.99	1.00	1.03	1.01	1.05	1.05	1.20			3.04	3.02	3.11
wind 0.4 m/s velocity	4.96	8.17	8.33	8.67	8.59	8.50	8.25	8.42	8.10	8.10	8.75	7.70		8.39	8.44	8.20

Hildebrand, Nadine (GER) (1987)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis)												*Henson (2020) - Athlete First: 2016 year end hurdle report*				
date 01-Sep-16 time	2.56	3.62	4.62	5.64	6.66	7.66	8.66	9.68	10.74	11.78		12.99	1 / 9			
reaction time 0.149 interval		1.06	1.00	1.02	1.02	1.00	1.00	1.02	1.06	1.04	1.21			3.08	3.02	3.12
wind 0.4 m/s velocity	5.08	8.02	8.50	8.33	8.33	8.50	8.50	8.33	8.02	8.17	8.68	7.70		8.28	8.44	8.17

Kimura, Ayako (JPN) (1988)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)												*(2017) - tfdata-store.com/2017/06/04/post-848/*				
date 04-Jun-17 time	2.59	3.61	4.63	5.64	6.65	7.65	8.67	9.69	10.75	11.79		12.99	6 / 1			
reaction time interval		1.02	1.02	1.01	1.01	1.00	1.02	1.02	1.06	1.04	1.20			3.05	3.03	3.12
wind 3.7 m/s velocity	5.02	8.33	8.33	8.42	8.42	8.50	8.33	8.33	8.02	8.17	8.75	7.70		8.36	8.42	8.17

Stowers, Jasmin (USA) (1991)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Bislett Games (Oslo, NOR) (TV Analysis)												*Henson (2020) - Athlete First: 2018 year end hurdle report*				
date 07-Jun-18 time	2.52	3.56	4.58	5.58	6.60	7.62	8.64	9.66	10.68	11.78		12.99	6 / 8			
reaction time 0.157 interval		1.04	1.02	1.00	1.02	1.02	1.02	1.02	1.02	1.10	1.21			3.06	3.06	3.14
wind 1.1 m/s velocity	5.16	8.17	8.33	8.50	8.33	8.33	8.33	8.33	8.33	7.73	8.68	7.70		8.33	8.33	8.12

Pearson, Sally (AUS) (1986)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)												*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*				
date 28-Apr-19 time	2.61	3.65	4.64	5.66	6.64	7.63	8.65	9.66	10.71	11.78		12.99	3 / 1			
reaction time interval		1.04	0.99	1.02	0.98	0.99	1.02	1.01	1.05	1.07	1.21			3.05	2.99	3.13
wind 0.6 m/s velocity	4.98	8.17	8.59	8.33	8.67	8.59	8.33	8.42	8.10	7.94	8.68	7.70		8.36	8.53	8.15

Brissett, Chanel (USA) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Pan American Games (Lima, PER) (TV Analysis)												*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date 08-Aug-19 time	2.51	3.58	4.62	5.64	6.64	7.64	8.64	9.64	10.67	11.71		12.99	2 / 2			
reaction time 0.173 interval		1.07	1.04	1.02	1.00	1.00	1.00	1.00	1.03	1.04	1.28			3.13	3.00	3.07
wind 0.1 m/s velocity	5.18	7.94	8.17	8.33	8.50	8.50	8.50	8.50	8.25	8.17	8.20	7.70		8.15	8.50	8.31

Terada, Asuka (JPN) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)												*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*				
date 09-May-21 time	2.58	3.63	4.65	5.66	6.66	7.67	8.70	9.73	10.79	11.86		12.99	5 / 1			
reaction time 0.134 interval		1.05	1.02	1.01	1.00	1.01	1.03	1.03	1.06	1.07	1.13			3.08	3.04	3.16
wind -0.8 m/s velocity	5.04	8.10	8.33	8.42	8.50	8.42	8.25	8.25	8.02	7.94	8.89	7.70		8.28	8.39	8.07

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN)													*CAA Hurdle Development (2021)*			
date 23-May-21 time	2.60	3.63	4.65	5.67	6.68	7.70	8.70	9.73	10.77	11.84		12.99	7 / 1			
reaction time 0.174 interval		1.03	1.02	1.02	1.01	1.02	1.00	1.03	1.04	1.07	1.15	PB		3.07	3.03	3.14
wind -0.5 m/s velocity	5.00	8.25	8.33	8.33	8.42	8.33	8.50	8.25	8.17	7.94	8.74	7.70		8.31	8.42	8.12

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 10-Jun-21 time	2.56	3.60	4.60	5.58	6.58	7.58	8.60	9.66	10.70	11.76		12.99	6 / 5			
reaction time 0.161 interval		1.04	1.00	0.98	1.00	1.00	1.02	1.06	1.04	1.06	1.23			3.02	3.02	3.16
wind -0.8 m/s velocity	5.08	8.17	8.50	8.67	8.50	8.50	8.33	8.02	8.17	8.02	8.17	7.70		8.44	8.44	8.07

Robinson, TeJyrica (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 20-Jun-21 time	2.48	3.57	4.59	5.59	6.59	7.59	8.61	9.63	10.66	11.71		12.99	9 / 9			
reaction time 0.143 interval		1.09	1.02	1.00	1.00	1.00	1.02	1.02	1.03	1.05	1.28			3.11	3.02	3.10
wind 0.8 m/s velocity	5.24	7.80	8.33	8.50	8.50	8.50	8.33	8.33	8.25	8.10	7.85	7.70		8.20	8.44	8.23

Jean, Mulern (HAI) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.51	3.54	4.59	5.63	6.63	7.62	8.62	9.66	10.71	11.78		12.99	7 / 5			
reaction time 0.155 interval		1.03	1.05	1.04	1.00	0.99	1.00	1.04	1.05	1.07	1.21			3.12	2.99	3.16
wind 0.4 m/s velocity	5.18	8.25	8.10	8.17	8.50	8.59	8.50	8.17	8.10	7.94	8.31	7.70		8.17	8.53	8.07

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.53	3.56	4.63	5.63	6.63	7.66	8.66	9.70	10.73	11.76		12.99	4 / 3			
reaction time 0.117 interval		1.03	1.07	1.00	1.00	1.03	1.00	1.04	1.03	1.03	1.23			3.10	3.03	3.10
wind 1.5 m/s velocity	5.14	8.25	7.94	8.50	8.50	8.25	8.50	8.17	8.25	8.25	8.17	7.70		8.23	8.42	8.23

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.56	3.60	4.62	5.62	6.61	7.61	8.61	9.61	10.69	11.77		12.99	2 / 6			
reaction time 0.154 interval		1.04	1.02	1.00	0.99	1.00	1.00	1.00	1.08	1.08	1.22			3.06	2.99	3.16
wind -0.1 m/s velocity	5.08	8.17	8.33	8.50	8.59	8.50	8.50	8.50	7.87	7.87	8.24	7.70		8.33	8.53	8.07

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.62	3.66	4.69	5.67	6.68	7.68	8.70	9.73	10.79	11.84		12.99	7 / 4			
reaction time 0.164 interval		1.04	1.03	0.98	1.01	1.00	1.02	1.03	1.06	1.05	1.15			3.05	3.03	3.14
wind -1.2 m/s velocity	4.96	8.17	8.25	8.67	8.42	8.50	8.33	8.25	8.02	8.10	8.74	7.70		8.36	8.42	8.12

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.44	3.51	4.52	5.54	6.55	7.57	8.59	9.61	10.65	11.70		12.99	5 / 5			
reaction time 0.145 interval		1.07	1.01	1.02	1.01	1.02	1.02	1.02	1.04	1.05	1.29			3.10	3.05	3.11
wind -0.2 m/s velocity	5.33	7.94	8.42	8.33	8.42	8.33	8.33	8.33	8.17	8.10	7.79	7.70		8.23	8.36	8.20

Girard, Patricia (FRA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02 time	2.64	3.67	4.69	5.71	6.73	7.74	8.77	9.79	10.83	11.87		13.00	/ 1			
reaction time 0.149 interval		1.03	1.02	1.02	1.02	1.01	1.03	1.02	1.04	1.04	1.13			3.07	3.06	3.10
wind 0.5 m/s velocity	4.92	8.25	8.33	8.33	8.33	8.42	8.25	8.33	8.17	8.17	9.29	7.69		8.31	8.33	8.23

Aron, Haydy (FRA) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02 time	2.67	3.70	4.72	5.72	6.70	7.69	8.70	9.73	10.78	11.86		13.00	/ 1			
reaction time 0.152 interval		1.03	1.02	1.00	0.98	0.99	1.01	1.03	1.05	1.08	1.14			3.05	2.98	3.16
wind 0.3 m/s velocity	4.87	8.25	8.33	8.50	8.67	8.59	8.42	8.25	8.10	7.87	9.21	7.69		8.36	8.56	8.07

Golding-Clarke, Lacena (JAM) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time	2.58	3.60	4.63	5.62	6.64	7.65	8.67	9.71	10.76	11.84		13.00	/ 3			
reaction time 0.174 interval		1.02	1.03	0.99	1.02	1.01	1.02	1.04	1.05	1.08	1.16			3.04	3.05	3.17
wind -0.1 m/s velocity	5.04	8.33	8.25	8.59	8.33	8.42	8.33	8.17	8.10	7.87	9.05	7.69		8.39	8.36	8.04

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 16-Jun-16 time	2.48	3.50	4.53	5.50	6.50	7.50	8.52	9.54	10.57	11.64		13.00	4 / 5			
reaction time 0.163 interval		1.02	1.03	0.97	1.00	1.00	1.02	1.02	1.03	1.07	1.36			3.02	3.02	3.12
wind -0.4 m/s velocity	5.24	8.33	8.25	8.76	8.50	8.50	8.33	8.33	8.25	7.94	7.72	7.69		8.44	8.44	8.17

Rard-Reuse, Clélia (SUI) (1988)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	25-Aug-16	time	2.56	3.60	4.62	5.64	6.66	7.66	8.70	9.72	10.74	11.78		13.00	3 / 6			
reaction time	0.142	interval		1.04	1.02	1.02	1.02	1.00	1.04	1.02	1.02	1.04	1.22			3.08	3.06	3.08
wind	0.7 m/s	velocity	5.08	8.17	8.33	8.33	8.33	8.50	8.17	8.33	8.33	8.17	8.61	7.69		8.28	8.33	8.28

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	09-Jul-18	time	2.58	3.60	4.60	5.58	6.54	7.52	8.58	9.64	10.70	11.74		13.00	1 / 7			
reaction time		interval		1.02	1.00	0.98	0.96	0.98	1.06	1.06	1.06	1.04	1.26			3.00	3.00	3.16
wind	0.9 m/s	velocity	5.04	8.33	8.50	8.67	8.85	8.67	8.02	8.02	8.02	8.17	8.33	7.69		8.50	8.50	8.07

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	13-Jun-19	time	2.60	3.64	4.64	5.66	6.66	7.66	8.66	9.68	10.72	11.80		13.00	2 / 5			
reaction time	0.159	interval		1.04	1.00	1.02	1.00	1.00	1.00	1.02	1.04	1.08	1.20			3.06	3.00	3.14
wind	1.1 m/s	velocity	5.00	8.17	8.50	8.33	8.50	8.50	8.50	8.33	8.17	7.87	8.75	7.69		8.33	8.50	8.12

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Athlete Night Games (Fukui, JPN) *(2019) - http://tfdata-store.com/2019/09/02/post-1606/*

date	17-Aug-19	time	2.61	3.67	4.70	5.69	6.69	7.70	8.72	9.75	10.80	11.86		13.00	5 / 1			
reaction time		interval		1.06	1.03	0.99	1.00	1.01	1.02	1.03	1.05	1.06	1.14	NR		3.08	3.03	3.14
wind	1.4 m/s	velocity	4.98	8.02	8.25	8.59	8.50	8.42	8.33	8.25	8.10	8.02	8.82	7.69		8.28	8.42	8.12

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	11-Aug-20	time	2.58	3.62	4.64	5.64	6.66	7.66	8.66	9.70	10.74	11.78		13.00	5 / 5			
reaction time	0.171	interval		1.04	1.02	1.00	1.02	1.00	1.00	1.04	1.04	1.04	1.22			3.06	3.02	3.12
wind	1.2 m/s	velocity	5.04	8.17	8.33	8.50	8.33	8.50	8.50	8.17	8.17	8.17	8.24	7.69		8.33	8.44	8.17

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.47	3.50	4.54	5.57	6.61	7.61	8.64	9.69	10.73	11.79		13.00	4 / 1			
reaction time	0.133	interval		1.03	1.04	1.03	1.04	1.00	1.03	1.05	1.04	1.06	1.21			3.10	3.07	3.15
wind	2.2 m/s	velocity	5.26	8.25	8.17	8.25	8.17	8.50	8.25	8.10	8.17	8.02	8.31	7.69		8.23	8.31	8.10

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.57	3.62	4.66	5.66	6.68	7.71	8.71	9.75	10.79	11.82		13.00	5 / 4			
reaction time	0.178	interval		1.05	1.04	1.00	1.02	1.03	1.00	1.04	1.04	1.03	1.18			3.09	3.05	3.11
wind	1.0 m/s	velocity	5.06	8.10	8.17	8.50	8.33	8.25	8.50	8.17	8.17	8.25	8.52	7.69		8.25	8.36	8.20

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.51	3.54	4.59	5.63	6.62	7.62	8.66	9.71	10.74	11.83		13.00	9 / 6			
reaction time	0.150	interval		1.03	1.05	1.04	0.99	1.00	1.04	1.05	1.03	1.09	1.17			3.12	3.03	3.17
wind	0.4 m/s	velocity	5.18	8.25	8.10	8.17	8.59	8.50	8.17	8.10	8.25	7.80	8.59	7.69		8.17	8.42	8.04

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese National Games (Xi'an, CHN) *CAA Hurdle Development (2021)*

date	22-Sep-21	time	2.56	3.60	4.63	5.63	6.65	7.67	8.69	9.71	10.73	11.80		13.00	7 / 3			
reaction time	0.152	interval		1.04	1.03	1.00	1.02	1.02	1.02	1.02	1.02	1.07	1.20	PB		3.07	3.06	3.11
wind	0.1 m/s	velocity	5.08	8.17	8.25	8.50	8.33	8.33	8.33	8.33	8.33	7.94	8.38	7.69		8.31	8.33	8.20

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	03-Jun-22	time	2.60	3.64	4.66	5.66	6.64	7.66	8.68	9.70	10.74	11.78		13.00	4 / 4			
reaction time		interval		1.04	1.02	1.00	0.98	1.02	1.02	1.02	1.04	1.04	1.22			3.06	3.02	3.10
wind	0.2 m/s	velocity	5.00	8.17	8.33	8.50	8.67	8.33	8.33	8.33	8.17	8.17	8.24	7.69		8.33	8.44	8.23

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 USATF National Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	25-Jun-22	time	2.55	3.57	4.57	5.57	6.57	7.59	8.62	9.65	10.68	11.74		13.00	9 / 7			
reaction time		interval		1.02	1.00	1.00	1.00	1.02	1.03	1.03	1.03	1.06	1.26			3.02	3.05	3.12
wind	-1.4 m/s	velocity	5.10	8.33	8.50	8.50	8.50	8.33	8.25	8.25	8.25	8.02	7.98	7.69		8.44	8.36	8.17

Zbären, Noemi (SUI) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	23-Jul-22	time	2.60	3.66	4.66	5.66	6.66	7.66	8.66	9.68	10.70	11.74		13.00	6 / 3			
reaction time	0.162	interval		1.06	1.00	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.26			3.06	3.00	3.08
wind	-0.4 m/s	velocity	5.00	8.02	8.50	8.50	8.50	8.50	8.50	8.33	8.33	8.17	7.98	7.69		8.33	8.50	8.28

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	05-May-23	time	2.58	3.60	4.62	5.60	6.60	7.60	8.62	9.64	10.68	11.74		13.00	1 / 7			
reaction time	0.154	interval		1.02	1.02	0.98	1.00	1.00	1.02	1.02	1.04	1.06	1.26			3.02	3.02	3.12
wind	1.1 m/s	velocity	5.04	8.33	8.33	8.67	8.50	8.50	8.33	8.33	8.17	8.02	7.98	7.69		8.44	8.44	8.17

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 NCAA Championships (Austin, TX) (TV Analysis) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	10-Jun-23	time	2.47	3.49	4.49	5.49	6.47	7.46	8.49	9.53	10.63	11.71		13.00	8 / 9			
reaction time		interval		1.02	1.00	1.00	0.98	0.99	1.03	1.04	1.10	1.08	1.29			3.02	3.00	3.22
wind	3.8 m/s	velocity	5.26	8.33	8.50	8.50	8.67	8.59	8.25	8.17	7.73	7.87	7.79	7.69		8.44	8.50	7.92

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	02-Sep-23	time	2.60	3.64	4.67	5.67	6.67	7.66	8.68	9.70	10.75	11.82		13.00	5 / 1			
reaction time	0.139	interval		1.04	1.03	1.00	1.00	0.99	1.02	1.02	1.05	1.07	1.18			3.07	3.01	3.14
wind	0.1 m/s	velocity	5.00	8.17	8.25	8.50	8.50	8.59	8.33	8.33	8.10	7.94	8.52	7.69		8.31	8.47	8.12

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	29-Apr-24	time	2.61	3.65	4.65	5.66	6.66	7.66	8.66	9.70	10.75	11.80		13.00	5 / 1			
reaction time	0.158	interval		1.04	1.00	1.01	1.00	1.00	1.00	1.04	1.05	1.05	1.20			3.05	3.00	3.14
wind	-0.1 m/s	velocity	4.98	8.17	8.50	8.42	8.50	8.50	8.50	8.17	8.10	8.10	8.38	7.69		8.36	8.50	8.12

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	19-May-24	time	2.62	3.66	4.68	5.67	6.67	7.67	8.69	9.71	10.75	11.81		13.00	3 / 3			
reaction time	0.150	interval		1.04	1.02	0.99	1.00	1.00	1.02	1.02	1.04	1.06	1.19			3.05	3.02	3.12
wind	-0.6 m/s	velocity	4.96	8.17	8.33	8.59	8.50	8.50	8.33	8.33	8.17	8.02	8.45	7.69		8.36	8.44	8.17

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) — *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	30-Jun-24	time	2.60	3.63	4.66	5.66	6.66	7.66	8.66	9.66	10.71	11.79		13.00	4 / 2			
reaction time	0.157	interval		1.03	1.03	1.00	1.00	1.00	1.00	1.00	1.05	1.08	1.21			3.06	3.00	3.13
wind	0.2 m/s	velocity	5.00	8.25	8.25	8.50	8.50	8.50	8.50	8.50	8.10	7.87	8.31	7.69		8.33	8.50	8.15

Brooks, Taliyah (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.45	3.50	4.51	5.51	6.50	7.50	8.56	9.64	10.69	11.73		13.00	3 / 2			
reaction time	0.132	interval	7 steps	1.05	1.01	1.00	0.99	1.00	1.06	1.08	1.05	1.04	1.27			3.06	3.05	3.17
wind	-0.1 m/s	velocity	5.31	8.10	8.42	8.50	8.59	8.50	8.02	7.87	8.10	8.17	7.91	7.69		8.33	8.36	8.04

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Repechage 2 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.50	3.57	4.59	5.60	6.62	7.62	8.64	9.66	10.69	11.73		13.00	3 / 5			
reaction time	0.141	interval		1.07	1.02	1.01	1.02	1.00	1.02	1.02	1.03	1.04	1.27			3.10	3.04	3.09
wind	0.4 m/s	velocity	5.20	7.94	8.33	8.42	8.33	8.50	8.33	8.33	8.25	8.17	7.91	7.69		8.23	8.39	8.25

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2025 Xiamen Diamond League (Xiamen, CHN) — *Omega Timing (2025) - diamond league race analysis*

date	26-Apr-25	time	2.56	3.63	4.63	5.65	6.65	7.65	8.66	9.66	10.68	11.73		13.00	9 / 7			
reaction time	0.165	interval		1.07	1.00	1.02	1.00	1.00	1.01	1.00	1.02	1.05	1.27			3.09	3.01	3.07
wind	-0.2 m/s	velocity	5.08	7.94	8.50	8.33	8.50	8.50	8.42	8.50	8.33	8.10	7.91	7.69		8.25	8.47	8.31

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2002 European Championships (Munich, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	08-Aug-02	time	2.68	3.72	4.74	5.77	6.77	7.79	8.81	9.83	10.85	11.91		13.01	/ 1			
reaction time	0.160	interval		1.04	1.02	1.03	1.00	1.02	1.02	1.02	1.02	1.06	1.10			3.09	3.04	3.10
wind	0.0 m/s	velocity	4.85	8.17	8.33	8.25	8.50	8.33	8.33	8.33	8.33	8.02	9.55	7.69		8.25	8.39	8.23

Nytra, Carolin (GER) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 ISTAF (Berlin, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.67	3.69	4.72	5.73	6.76	7.79	8.81	9.85	10.89	11.95		13.01	/ 4			
reaction time	0.201	interval		1.02	1.03	1.01	1.03	1.03	1.02	1.04	1.04	1.06	1.06			3.06	3.08	3.14
wind	-0.1 m/s	velocity	4.87	8.33	8.25	8.42	8.25	8.25	8.33	8.17	8.17	8.02	9.91	7.69		8.33	8.28	8.12

Urech, Lisa (SUI) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Swiss National Championships (Zürich, SUI) — *Rees (2009) - wettkampfauswertung 100m hürden - frauen/w.jgd.A+B*

date	02-Aug-09	time	2.62	3.66	4.70	5.70	6.70	7.70	8.74	9.78	10.82	11.86		13.01	/ 1			
reaction time		interval		1.04	1.04	1.00	1.00	1.00	1.04	1.04	1.04	1.04	1.15	NUR		3.08	3.04	3.12
wind	1.2 m/s	velocity	4.96	8.17	8.17	8.50	8.50	8.50	8.17	8.17	8.17	8.17	9.13	7.69		8.28	8.39	8.17

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis) — *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	28-May-16	time	2.52	3.56	4.56	5.58	6.58	7.56	8.56	9.58	10.62	11.70		13.01	4 / 8			

reaction time		interval		1.04	1.00	1.02	1.00	0.98	1.00	1.02	1.04	1.08	1.31			3.06	2.98	3.14
wind	0.7 m/s	velocity	5.16	8.17	8.50	8.33	8.50	8.67	8.50	8.33	8.17	7.87	8.02	7.69		8.33	8.56	8.12

Hildebrand, Nadine (GER) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 15-Jun-17	time	2.54	3.56	4.60	5.64	6.66	7.66	8.68	9.68	10.76	11.82		13.01	2 / 7			
reaction time 0.140	interval		1.02	1.04	1.04	1.02	1.00	1.02	1.00	1.08	1.06	1.19			3.10	3.04	3.14
wind 0.8 m/s	velocity	5.12	8.33	8.17	8.17	8.33	8.50	8.33	8.50	7.87	8.02	8.82	7.69		8.23	8.39	8.12

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 09-Jul-17	time	2.54	3.54	4.54	5.54	6.54	7.56	8.58	9.62	10.66	11.74		13.01	1 / 7			
reaction time 0.157	interval	7 steps	1.00	1.00	1.00	1.00	1.02	1.02	1.04	1.04	1.08	1.27			3.00	3.04	3.16
wind 0.2 m/s	velocity	5.12	8.50	8.50	8.50	8.50	8.33	8.33	8.17	8.17	7.87	8.27	7.69		8.50	8.39	8.07

Harrison, Queen (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 20-May-18	time	2.72	3.78	4.79	5.80	6.79	7.78	8.78	9.80	10.81	11.85		13.01	4 / 1			
reaction time 0.213	interval		1.06	1.01	1.01	0.99	0.99	1.00	1.02	1.01	1.04	1.16			3.08	2.98	3.07
wind -0.6 m/s	velocity	4.78	8.02	8.42	8.42	8.59	8.59	8.50	8.33	8.42	8.17	9.05	7.69		8.28	8.56	8.31

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 15-Jul-18	time	2.59	3.64	4.67	5.67	6.66	7.67	8.69	9.71	10.76	11.83		13.01	5 / 1			
reaction time 0.161	interval		1.05	1.03	1.00	0.99	1.01	1.02	1.02	1.05	1.07	1.18			3.08	3.02	3.14
wind -1.0 m/s	velocity	5.02	8.10	8.25	8.50	8.59	8.42	8.33	8.33	8.10	7.94	8.90	7.69		8.28	8.44	8.12

Anderson, Britany (JAM) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 15-Jul-18	time	2.66	3.67	4.70	5.69	6.70	7.70	8.72	9.73	10.78	11.84		13.01	6 / 2			
reaction time 0.190	interval		1.01	1.03	0.99	1.01	1.00	1.02	1.01	1.05	1.06	1.17	PB		3.03	3.03	3.12
wind -1.0 m/s	velocity	4.89	8.42	8.25	8.59	8.42	8.50	8.33	8.42	8.10	8.02	8.97	7.69		8.42	8.42	8.17

Britton, Evonne (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19	time	2.56	3.61	4.63	5.65	6.66	7.67	8.69	9.70	10.74	11.80		13.01	7 / 1			
reaction time	interval		1.05	1.02	1.02	1.01	1.01	1.02	1.01	1.04	1.06	1.21			3.09	3.04	3.11
wind 0.6 m/s	velocity	5.08	8.10	8.33	8.33	8.42	8.42	8.33	8.42	8.17	8.02	8.68	7.69		8.25	8.39	8.20

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date 19-May-19	time	2.64	3.69	4.72	5.73	6.73	7.75	8.75	9.78	10.81	11.86		13.01	2 / 5			
reaction time 0.145	interval		1.05	1.03	1.01	1.00	1.02	1.00	1.03	1.03	1.05	1.15			3.09	3.02	3.11
wind 0.4 m/s	velocity	4.92	8.10	8.25	8.42	8.50	8.33	8.50	8.25	8.25	8.10	9.13	7.69		8.25	8.44	8.20

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19	time	2.60	3.63	4.63	5.63	6.64	7.64	8.65	9.69	10.75	11.82		13.01	4 / 1			
reaction time 0.160	interval		1.03	1.00	1.00	1.01	1.00	1.01	1.04	1.06	1.07	1.19			3.03	3.02	3.17
wind 3.5 m/s	velocity	5.00	8.25	8.50	8.50	8.42	8.50	8.42	8.17	8.02	7.94	8.82	7.69		8.42	8.44	8.04

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 USATF National Championships (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 27-Jul-19	time	2.50	3.50	4.47	5.47	6.44	7.40	8.38	9.44	10.51	11.61		13.01	6 / 8			
reaction time	interval		1.00	0.97	1.00	0.97	0.96	0.98	1.06	1.07	1.10	1.40			2.97	2.91	3.23
wind -1.2 m/s	velocity	5.20	8.50	8.76	8.50	8.76	8.85	8.67	8.02	7.94	7.73	7.50	7.69		8.59	8.76	7.89

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Pan American Games (Lima, PER) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 08-Aug-19	time	2.53	3.57	4.60	5.58	6.58	7.58	8.60	9.62	10.67	11.74		13.01	9 / 3			
reaction time 0.199	interval		1.04	1.03	0.98	1.00	1.00	1.02	1.02	1.05	1.07	1.27			3.05	3.02	3.14
wind 0.1 m/s	velocity	5.14	8.17	8.25	8.67	8.50	8.50	8.33	8.33	8.10	7.94	8.27	7.69		8.36	8.44	8.12

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 14-Aug-20	time	2.56	3.66	4.66	5.66	6.66	7.66	8.70	9.70	10.70	11.76		13.01	6 / 2			
reaction time 0.177	interval		1.10	1.00	1.00	1.00	1.00	1.04	1.00	1.00	1.06	1.25			3.10	3.04	3.06
wind 1.0 m/s	velocity	5.08	7.73	8.50	8.50	8.50	8.50	8.17	8.50	8.50	8.02	8.04	7.69		8.23	8.39	8.33

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21	time	2.68	3.72	4.75	5.75	6.76	7.77	8.78	9.79	10.83	11.89		13.01	6 / 3			
reaction time 0.163	interval		1.04	1.03	1.00	1.01	1.01	1.01	1.01	1.04	1.06	1.12			3.07	3.03	3.11

wind	1.8 m/s	velocity	4.85	8.17	8.25	8.50	8.42	8.42	8.42	8.42	8.17	8.02	8.97	7.69			8.31	8.42	8.20

Chen Jiamin (CHN) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Chinese National Championships (Chongqing, CHN)															*CAA Hurdle Development (2021)*			
date	25-Jun-21	time	2.63	3.67	4.71	5.72	6.74	7.76	8.77	9.80	10.83	11.89		13.01	7 / 2			
reaction time	0.170	interval		1.04	1.04	1.01	1.02	1.02	1.01	1.03	1.03	1.06	1.12	**PB**		3.09	3.05	3.12
wind	1.7 m/s	velocity	4.94	8.17	8.17	8.42	8.33	8.33	8.42	8.25	8.25	8.02	8.97	7.69		8.25	8.36	8.17

Cunningham, Gabriele (USA) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	02-Aug-21	time	2.46	3.48	4.50	5.52	6.52	7.52	8.52	9.54	10.62	11.72		13.01	2 / 7			
reaction time	0.172	interval		1.02	1.02	1.02	1.00	1.00	1.00	1.02	1.08	1.10	1.29			3.06	3.00	3.20
wind	-0.3 m/s	velocity	5.28	8.33	8.33	8.33	8.50	8.50	8.50	8.33	7.87	7.73	7.79	7.69		8.33	8.50	7.97

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	09-Sep-21	time	2.50	3.54	4.58	5.58	6.60	7.60	8.60	9.66	10.70	11.74		13.01	9 / 8			
reaction time	0.142	interval		1.04	1.04	1.00	1.02	1.00	1.00	1.06	1.04	1.04	1.27			3.08	3.02	3.14
wind	0.4 m/s	velocity	5.20	8.17	8.17	8.50	8.33	8.50	8.50	8.02	8.17	8.17	7.91	7.69		8.28	8.44	8.12

Hurske, Reetta (FIN) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis)															*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date	14-Jun-22	time	2.54	3.58	4.60	5.60	6.60	7.60	8.62	9.64	10.68	11.74		13.01	8 / 5			
reaction time	0.169	interval		1.04	1.02	1.00	1.00	1.00	1.02	1.02	1.04	1.06	1.27			3.06	3.02	3.12
wind	0.2 m/s	velocity	5.12	8.17	8.33	8.50	8.50	8.50	8.33	8.33	8.17	8.02	7.91	7.69		8.33	8.44	8.17

Mucci, Celeste (AUS) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	23-Jul-22	time	2.55	3.60	4.63	5.63	6.65	7.66	8.66	9.70	10.73	11.76		13.01	5 / 4			
reaction time	0.163	interval		1.05	1.03	1.00	1.02	1.01	1.00	1.04	1.03	1.03	1.25			3.08	3.03	3.10
wind	1.5 m/s	velocity	5.10	8.10	8.25	8.50	8.33	8.42	8.50	8.17	8.25	8.25	8.04	7.69		8.28	8.42	8.23

Jenneke, Michelle (AUS) (1993)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)															*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	2.45	3.51	4.53	5.54	6.55	7.56	8.59	9.61	10.65	11.70		13.01	7 / 7			
reaction time	0.145	interval		1.06	1.02	1.01	1.01	1.01	1.03	1.02	1.04	1.05	1.31			3.09	3.05	3.11
wind	0.9 m/s	velocity	5.31	8.02	8.33	8.42	8.42	8.42	8.25	8.33	8.17	8.10	7.67	7.69		8.25	8.36	8.20

Johnson, Alaysha (USA) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)															*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	2.49	3.55	4.57	5.57	6.57	7.55	8.52	9.53	10.61	11.70		13.01	8 / 9			
reaction time	0.177	interval		1.06	1.02	1.00	1.00	0.98	0.97	1.01	1.08	1.09	1.31			3.08	2.95	3.18
wind	-0.2 m/s	velocity	5.22	8.02	8.33	8.50	8.50	8.67	8.76	8.42	7.87	7.80	7.67	7.69		8.28	8.64	8.02

Harrison, Michelle (CAN) (1992)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	19-May-24	time	2.67	3.70	4.70	5.71	6.70	7.70	8.72	9.76	10.81	11.86		13.01	7 / 4			
reaction time	0.146	interval		1.03	1.00	1.01	0.99	1.00	1.02	1.04	1.05	1.05	1.15			3.04	3.01	3.14
wind	-0.6 m/s	velocity	4.87	8.25	8.50	8.42	8.59	8.50	8.33	8.17	8.10	8.10	8.74	7.69		8.39	8.47	8.12

Clay, Liz (AUS) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2024 FBK Games (Hengelo, NED)															*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	2.46	3.49	4.50	5.50	6.50	7.53	8.59	9.64	10.68	11.74		13.01	7 / 3			
reaction time	0.147	interval		1.03	1.01	1.00	1.00	1.03	1.06	1.05	1.04	1.06	1.27			3.04	3.09	3.15
wind	0.3 m/s	velocity	5.28	8.25	8.42	8.50	8.50	8.25	8.02	8.10	8.17	8.02	7.91	7.69		8.39	8.25	8.10

Fourie, Marione (RSA) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	09-Aug-24	time	2.44	3.49	4.50	5.48	6.47	7.44	8.42	9.43	10.48	11.64		13.01	9 / 6			
reaction time	0.140	interval		1.05	1.01	0.98	0.99	0.97	0.98	1.01	1.05	1.16	1.37			3.04	2.94	3.22
wind	-0.7 m/s	velocity	5.33	8.10	8.42	8.67	8.59	8.76	8.67	8.42	8.10	7.33	7.34	7.69		8.39	8.67	7.92

Ali, Nia (USA) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	2.51	3.57	4.60	5.61	6.61	7.60	8.62	9.63	10.67	11.72		13.01	9 / 9			
reaction time	0.173	interval		1.06	1.03	1.01	1.00	0.99	1.02	1.01	1.04	1.05	1.29			3.10	3.01	3.10
wind	0.3 m/s	velocity	5.18	8.02	8.25	8.42	8.50	8.59	8.33	8.42	8.17	8.10	7.79	7.69		8.23	8.47	8.23

Blaßneck, Heike (GER) (1971)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1998 European Championships (Budapest, HUN)															*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date	23-Aug-98	time	2.62	3.66	4.68	5.70	6.69	7.74	8.74	9.75	10.79	11.87		13.02	8 / 6			
reaction time		interval		1.04	1.02	1.02	0.99	1.05	1.00	1.01	1.04	1.08	1.15			3.08	3.04	3.13
wind	1.5 m/s	velocity	4.96	8.17	8.33	8.33	8.59	8.10	8.50	8.42	8.17	7.87	9.13	7.68		8.28	8.39	8.15

Laukhova, Svetlana (RUS) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02	time	2.64	3.68	4.70	5.72	6.72	7.75	8.76	9.79	10.82	11.91		13.02	/ 1			
reaction time 0.121	interval		1.04	1.02	1.02	1.00	1.03	1.01	1.03	1.03	1.09	1.11			3.08	3.04	3.15
wind -0.3 m/s	velocity	4.92	8.17	8.33	8.33	8.50	8.25	8.42	8.25	8.25	7.80	9.46	7.68		8.28	8.39	8.10

Dimitrova, Svetla (BUL) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02	time	2.69	3.74	4.75	5.76	6.74	7.78	8.76	9.77	10.81	11.88		13.02	/ 1			
reaction time 0.205	interval		1.05	1.01	1.01	0.98	1.04	0.98	1.01	1.04	1.07	1.14			3.07	3.00	3.12
wind 1.1 m/s	velocity	4.83	8.10	8.42	8.42	8.67	8.17	8.67	8.42	8.17	7.94	9.21	7.68		8.31	8.50	8.17

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 USATF National Championships (Indianapolis, IN)													*USATF Women's Hurdle Development (2006)*			
date 24-Jun-06	time	2.67	3.69	4.72	5.72	6.72	7.71	8.74	9.75	10.78	11.88		13.02	7 / 7			
reaction time	interval		1.02	1.03	1.00	1.00	0.99	1.03	1.01	1.03	1.10	1.14			3.05	3.02	3.14
wind - 0.4 m/s	velocity	4.87	8.33	8.25	8.50	8.50	8.59	8.25	8.42	8.25	7.73	9.21	7.68		8.36	8.44	8.12

Imura, Kumiko (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN)													*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date 29-Apr-07	time	2.53	3.59	4.62	5.62	6.62	7.62	8.62	9.64	10.68	11.74		13.02	/ 2			
reaction time	interval		1.06	1.03	1.00	1.00	1.00	1.00	1.02	1.04	1.06	1.28	PB		3.09	3.00	3.12
wind 1.4 m/s	velocity	5.14	8.02	8.25	8.50	8.50	8.50	8.50	8.33	8.17	8.02	8.20	7.68		8.25	8.50	8.17

Hofmann, Franziska (GER) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Sparkassen Gala (Regensburg, GER)													*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*			
date 07-Jun-14	time	2.64	3.68	4.70	5.69	6.68	7.70	8.72	9.74	10.80	11.90		13.02	4 / 1			
reaction time	interval		1.04	1.02	0.99	0.99	1.02	1.02	1.02	1.06	1.10	1.12	PB		3.05	3.03	3.18
wind 0.1 m/s	velocity	4.92	8.17	8.33	8.59	8.59	8.33	8.33	8.33	8.02	7.73	9.38	7.68		8.36	8.42	8.02

Billaud, Cindy (FRA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 27-Aug-16	time	2.54	3.58	4.62	5.64	6.66	7.66	8.66	9.70	10.74	11.80		13.02	2 / 6			
reaction time 0.106	interval		1.04	1.04	1.02	1.02	1.00	1.00	1.04	1.04	1.06	1.22			3.10	3.02	3.14
wind 0.2 m/s	velocity	5.12	8.17	8.17	8.33	8.33	8.50	8.50	8.17	8.17	8.02	8.61	7.68		8.23	8.44	8.12

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2016 year end hurdle report*			
date 09-Sep-16	time	2.52	3.56	4.56	5.56	6.56	7.58	8.58	9.62	10.68	11.76		13.02	1 / 7			
reaction time 0.144	interval		1.04	1.00	1.00	1.00	1.02	1.00	1.04	1.06	1.08	1.26			3.04	3.02	3.18
wind 0.1 m/s	velocity	5.16	8.17	8.50	8.50	8.50	8.33	8.50	8.17	8.02	7.87	8.33	7.68		8.39	8.44	8.02

Humphrey, Brittley (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-May-18	time	2.46	3.53	4.56	5.56	6.56	7.60	8.60	9.63	10.66	11.73		13.02	1 / 5			
reaction time	interval		1.07	1.03	1.00	1.00	1.04	1.00	1.03	1.03	1.07	1.29	PB		3.10	3.04	3.13
wind 1.2 m/s	velocity	5.28	7.94	8.25	8.50	8.50	8.17	8.50	8.25	8.25	7.94	8.14	7.68		8.23	8.39	8.15

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 20-Jul-19	time	2.60	3.66	4.68	5.68	6.66	7.66	8.68	9.72	10.76	11.80		13.02	1 / 7			
reaction time 0.129	interval		1.06	1.02	1.00	0.98	1.00	1.02	1.04	1.04	1.04	1.22			3.08	3.00	3.12
wind 0.8 m/s	velocity	5.00	8.02	8.33	8.50	8.67	8.50	8.33	8.17	8.17	8.17	8.61	7.68		8.28	8.50	8.17

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 14-Aug-20	time	2.56	3.60	4.63	5.66	6.66	7.66	8.66	9.70	10.73	11.80		13.02	3 / 3			
reaction time 0.175	interval		1.04	1.03	1.03	1.00	1.00	1.00	1.04	1.03	1.07	1.22			3.10	3.00	3.14
wind 1.0 m/s	velocity	5.08	8.17	8.25	8.25	8.50	8.50	8.50	8.17	8.25	7.94	8.24	7.68		8.23	8.50	8.12

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 17-Sep-20	time	2.52	3.58	4.58	5.58	6.58	7.60	8.62	9.66	10.72	11.78		13.02	3 / 4			
reaction time 0.136	interval		1.06	1.00	1.00	1.00	1.02	1.02	1.04	1.06	1.06	1.24			3.06	3.04	3.16
wind 0.1 m/s	velocity	5.16	8.02	8.50	8.50	8.50	8.33	8.33	8.17	8.02	8.02	8.10	7.68		8.33	8.39	8.07

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 25-Sep-20	time	2.56	3.60	4.63	5.63	6.63	7.63	8.63	9.66	10.70	11.76		13.02	4 / 3			
reaction time 0.180	interval		1.04	1.03	1.00	1.00	1.00	1.00	1.03	1.04	1.06	1.26			3.07	3.00	3.13
wind 1.1 m/s	velocity	5.08	8.17	8.25	8.50	8.50	8.50	8.50	8.25	8.17	8.02	7.98	7.68		8.31	8.50	8.15

Aoki, Masumi (JPN) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)																		
date	03-Oct-20	time	2.58	3.63	4.65	5.66	6.69	7.71	8.74	9.78	10.82	11.89		13.02	6 / 1			
reaction time	0.115	interval		1.05	1.02	1.01	1.03	1.02	1.03	1.04	1.04	1.07	1.13	PB		3.08	3.08	3.15
wind	-0.1 m/s	velocity	5.04	8.10	8.33	8.42	8.25	8.33	8.25	8.17	8.17	7.94	8.89	7.68		8.28	8.28	8.10

Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers

Wang Dou (CHN) (1993)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Championships (Chongqing, CHN)																		
date	25-Jun-21	time	2.70	3.73	4.75	5.75	6.75	7.77	8.79	9.81	10.86	11.91		13.02	5 / 3			
reaction time	0.235	interval		1.03	1.02	1.00	1.00	1.02	1.02	1.02	1.05	1.05	1.11	PB		3.05	3.04	3.12
wind	1.7 m/s	velocity	4.81	8.25	8.33	8.50	8.50	8.33	8.33	8.33	8.10	8.10	9.05	7.68		8.36	8.39	8.17

CAA Hurdle Development (2021)

Clemons, Christina (USA) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis)																		
date	12-Jun-22	time	2.47	3.50	4.50	5.50	6.47	7.48	8.50	9.53	10.60	11.67		13.02	3 / 6			
reaction time	0.127	interval		1.03	1.00	1.00	0.97	1.01	1.02	1.03	1.07	1.07	1.35			3.03	3.00	3.17
wind	2.0 m/s	velocity	5.26	8.25	8.50	8.50	8.76	8.42	8.33	8.25	7.94	7.94	7.44	7.68		8.42	8.50	8.04

Henson (2022) - Athlete First: 2022 year end hurdle report

Harrison, Kendra (Keni) (USA) (1992			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	08-Sep-22	time	2.47	3.60	4.67	5.67	6.67	7.67	8.64	9.64	10.67	11.71		13.02	7 / 8			
reaction time	0.163	interval		1.13	1.07	1.00	1.00	1.00	0.97	1.00	1.03	1.04	1.31			3.20	2.97	3.07
wind	-0.3 m/s	velocity	5.26	7.52	7.94	8.50	8.50	8.50	8.76	8.50	8.25	8.17	7.67	7.68		7.97	8.59	8.31

Henson (2022) - Athlete First: 2022 year end hurdle report

Fukube, Mako (JPN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN)																		
date	29-Apr-23	time	2.61	3.67	4.70	5.71	6.73	7.74	8.77	9.79	10.83	11.88		13.02	6 / 3			
reaction time	0.123	interval		1.06	1.03	1.01	1.02	1.01	1.03	1.02	1.04	1.05	1.14			3.10	3.06	3.11
wind	0.6 m/s	velocity	4.98	8.02	8.25	8.42	8.33	8.42	8.25	8.33	8.17	8.10	8.82	7.68		8.23	8.33	8.20

Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season

Dyer, Danae (USA) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)																		
date	28-Jun-24	time	2.60	3.62	4.64	5.66	6.70	7.70	8.73	9.76	10.76	11.84		13.02	4 / 5			
reaction time		interval		1.02	1.02	1.02	1.04	1.00	1.03	1.03	1.00	1.08	1.18			3.06	3.07	3.11
wind	1.7 m/s	velocity	5.00	8.33	8.33	8.33	8.17	8.50	8.25	8.25	8.50	7.87	8.52	7.68		8.33	8.31	8.20

Henson (2024) - Athlete First: 2024 year end hurdle report

Wojtunik, Klaudia (POL) (1999)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat B - 2024 Kamila Skolimowska Memorial (Silesia, POL)																		
date	25-Aug-24	time	2.44	3.51	4.51	5.51	6.50	7.51	8.53	9.57	10.63	11.69		13.02	9 / 8			
reaction time	0.131	interval		1.07	1.00	1.00	0.99	1.01	1.02	1.04	1.06	1.06	1.33			3.07	3.02	3.16
wind	0.6 m/s	velocity	5.33	7.94	8.50	8.50	8.59	8.42	8.33	8.17	8.02	8.02	7.56	7.68		8.31	8.44	8.07

Omega Timing (2024) - diamond league race analysis

Girard, Patricia (FRA) (1968)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 European Cup (Munich, GER)																		
date	22-Jun-97	time	2.65	3.68	4.69	5.70	6.71	7.71	8.74	9.76	10.79	11.86		13.03	/ 2			
reaction time		interval		1.03	1.01	1.01	1.01	1.00	1.03	1.02	1.03	1.07	1.17			3.05	3.04	3.12
wind	0.7 m/s	velocity	4.91	8.25	8.42	8.42	8.42	8.50	8.25	8.33	8.25	7.94	8.97	7.67		8.36	8.39	8.17

Jung (2003) - http://www.fgs.uni-halle.de

Alozie, Glory (ESP) (1977)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2002 European Championships (Munich, GER)																		
date	08-Aug-02	time	2.69	3.75	4.77	5.77	6.79	7.81	8.81	9.83	10.87	11.92		13.03	/ 2			
reaction time	0.164	interval		1.06	1.02	1.00	1.02	1.02	1.00	1.02	1.04	1.05	1.11			3.08	3.04	3.11
wind	0.0 m/s	velocity	4.83	8.02	8.33	8.50	8.33	8.33	8.50	8.33	8.17	8.10	9.46	7.67		8.28	8.39	8.20

Graubner (2009) - http://www.fgs.uni-halle.de

Ferga, Linda (FRA)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2002 European Championships (Munich, GER)																		
date	08-Aug-02	time	2.66	3.70	4.74	5.74	6.76	7.75	8.78	9.80	10.82	11.88		13.03	/ 2			
reaction time	0.179	interval		1.04	1.04	1.00	1.02	0.99	1.03	1.02	1.02	1.06	1.15			3.08	3.04	3.10
wind	1.1 m/s	velocity	4.89	8.17	8.17	8.50	8.33	8.59	8.25	8.33	8.33	8.02	9.13	7.67		8.28	8.39	8.23

Graubner (2009) - http://www.fgs.uni-halle.de

Girard, Patricia (FRA) (1968)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)																		
date	09-Aug-02	time	2.62	3.66	4.68	5.70	6.70	7.72	8.74	9.78	10.84	11.90		13.03	/ 4			
reaction time	0.143	interval		1.04	1.02	1.02	1.00	1.02	1.02	1.04	1.06	1.06	1.13			3.08	3.04	3.16
wind	-0.7 m/s	velocity	4.96	8.17	8.33	8.33	8.50	8.33	8.33	8.17	8.02	8.02	9.29	7.67		8.28	8.39	8.07

Graubner (2009) - http://www.fgs.uni-halle.de

Nytra, Carolin (GER) (1985)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2009 IAAF World Championships (Berlin, GER)																		
date	18-Aug-09	time	2.63	3.65	4.65	5.67	6.67	7.69	8.72	9.77	10.82	11.89		13.03	5 / 3			
reaction time	0.148	interval		1.02	1.00	1.02	1.00	1.02	1.03	1.05	1.05	1.07	1.14			3.04	3.05	3.17
wind	-0.3 m/s	velocity	4.94	8.33	8.50	8.33	8.50	8.33	8.25	8.10	8.10	7.94	9.21	7.67		8.39	8.36	8.04

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

Kimura, Ayako (JPN) (1988)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2017 Japanese National Championships (Osaka, JPN) *(2017.06.24) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	24-Jun-17	time	2.59	3.64	4.66	5.67	6.69	7.69	8.73	9.76	10.81	11.87		13.03	4 / 1		
reaction time	0.161	interval		1.05	1.02	1.01	1.02	1.00	1.04	1.03	1.05	1.06	1.16			3.08	3.06	3.14
wind	0.4 m/s	velocity	5.02	8.10	8.33	8.42	8.33	8.50	8.17	8.25	8.10	8.02	9.05	7.67		8.28	8.33	8.12

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2017 Japanese National Championships (Osaka, JPN) *(2017.07.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	24-Jun-17	time	2.59	3.64	4.66	5.67	6.69	7.69	8.73	9.76	10.81	11.87		13.03	4 / 1		
reaction time	0.128	interval		1.05	1.02	1.01	1.02	1.00	1.04	1.03	1.05	1.06	1.16			3.08	3.06	3.14
wind	0.3 m/s	velocity	5.02	8.10	8.33	8.42	8.33	8.50	8.17	8.25	8.10	8.02	9.05	7.67		8.28	8.33	8.12

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	21-Jul-17	time	2.60	3.64	4.64	5.62	6.62	7.62	8.64	9.66	10.74	11.82		13.03	1 / 8		
reaction time	0.187	interval	7 steps	1.04	1.00	0.98	1.00	1.00	1.02	1.02	1.08	1.08	1.21			3.02	3.02	3.18
wind	-0.2 m/s	velocity	5.00	8.17	8.50	8.67	8.50	8.50	8.33	8.33	7.87	7.87	8.68	7.67		8.44	8.44	8.02

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	24-Aug-17	time	2.58	3.64	4.68	5.68	6.68	7.68	8.68	9.70	10.74	11.78		13.03	9 / 8		
reaction time	0.138	interval		1.06	1.04	1.00	1.00	1.00	1.00	1.02	1.04	1.04	1.25			3.10	3.00	3.10
wind	-0.3 m/s	velocity	5.04	8.02	8.17	8.50	8.50	8.50	8.50	8.33	8.17	8.17	8.40	7.67		8.23	8.50	8.23

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	23-Aug-20	time	2.61	3.69	4.69	5.69	6.71	7.71	8.74	9.77	10.81	11.88		13.03	5 / 1		
reaction time	0.164	interval		1.08	1.00	1.00	1.02	1.00	1.03	1.03	1.04	1.07	1.15			3.08	3.05	3.14
wind	0.3 m/s	velocity	4.98	7.87	8.50	8.50	8.33	8.50	8.25	8.25	8.17	7.94	8.74	7.67		8.28	8.36	8.12

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	10-Jun-21	time	2.54	3.58	4.62	5.64	6.64	7.68	8.68	9.70	10.76	11.80		13.03	7 / 6		
reaction time	0.151	interval		1.04	1.04	1.02	1.00	1.04	1.00	1.02	1.06	1.04	1.23			3.10	3.04	3.12
wind	-0.8 m/s	velocity	5.12	8.17	8.17	8.33	8.50	8.17	8.50	8.33	8.02	8.17	8.17	7.67		8.23	8.39	8.17

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

date	24-Apr-21	time	2.59	3.64	4.68	5.70	6.73	7.73	8.75	9.80	10.84	11.89		13.03	2 / 1		
reaction time	0.137	interval		1.05	1.04	1.02	1.03	1.00	1.02	1.05	1.04	1.05	1.14	PB		3.11	3.05	3.14
wind	-0.8 m/s	velocity	5.02	8.10	8.17	8.33	8.25	8.50	8.33	8.10	8.17	8.10	8.82	7.67		8.20	8.36	8.12

Sedney, Zoë (NED) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.53	3.56	4.61	5.63	6.64	7.67	8.72	9.76	10.80	11.87		13.03	9 / 7		
reaction time	0.162	interval		1.03	1.05	1.02	1.01	1.03	1.05	1.04	1.04	1.07	1.16			3.10	3.09	3.15
wind	0.3 m/s	velocity	5.14	8.25	8.10	8.33	8.42	8.25	8.10	8.17	8.17	7.94	8.66	7.67		8.23	8.25	8.10

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	12-Jun-22	time	2.53	3.57	4.60	5.63	6.67	7.67	8.70	9.70	10.73	11.80		13.03	2 / 7		
reaction time	0.159	interval		1.04	1.03	1.03	1.04	1.00	1.03	1.00	1.03	1.07	1.23			3.10	3.07	3.10
wind	2.0 m/s	velocity	5.14	8.17	8.25	8.25	8.17	8.50	8.25	8.50	8.25	7.94	8.17	7.67		8.23	8.31	8.23

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	07-Aug-22	time	2.60	3.62	4.62	5.62	6.62	7.64	8.66	9.68	10.76	11.80		13.03	1 / 7		
reaction time	0.151	interval		1.02	1.00	1.00	1.00	1.02	1.02	1.02	1.08	1.04	1.23			3.02	3.04	3.14
wind	-0.2 m/s	velocity	5.00	8.33	8.50	8.50	8.50	8.33	8.33	8.33	7.87	8.17	8.17	7.67		8.44	8.39	8.12

Barber, Jade (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN) *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	21-May-23	time	2.64	3.68	4.70	5.71	6.69	7.69	8.69	9.71	10.74	11.85		13.03	8 / 8		
reaction time	0.169	interval		1.04	1.02	1.01	0.98	1.00	1.00	1.02	1.03	1.11	1.18			3.07	2.98	3.16
wind	0.4 m/s	velocity	4.92	8.17	8.33	8.42	8.67	8.50	8.50	8.33	8.25	7.66	8.52	7.67		8.31	8.56	8.07

Tjin-A-Lim, Maayke (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	09-Aug-24	time	2.50	3.56	4.59	5.59	6.59	7.60	8.62	9.64	10.68	11.73		13.03	2 / 7		
reaction time	0.152	interval	7 steps	1.06	1.03	1.00	1.00	1.01	1.02	1.02	1.04	1.05	1.30			3.09	3.03	3.11
wind	-0.7 m/s	velocity	5.20	8.02	8.25	8.50	8.50	8.42	8.33	8.33	8.17	8.10	7.73	7.67		8.25	8.42	8.20

Engquist-Narozhilenko, Ludmila (El

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 1992 Olympic Games (Barcelona, ESP) *Lyle - miscellaneous coaching notes*

date	05-Aug-92	time	2.56	3.60	4.61	5.60	6.58	7.58	8.60	9.64	10.71	11.84		13.04	1 / 1			
reaction time		interval		1.04	1.01	0.99	0.98	1.00	1.02	1.04	1.07	1.13	1.20			3.04	3.00	3.24
wind	-1.5 m/s	velocity	5.08	8.17	8.42	8.59	8.67	8.50	8.33	8.17	7.94	7.52	8.75	7.67		8.39	8.50	7.87

Carson, Kim (USA) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USA Olympic Trials (Atlanta, GA)													*USATF Women's Sprint Development (1996)*			
date 23-Jun-96 time	2.34	3.41	4.43	5.44	6.44	7.44	8.48	9.53	10.62	11.60		13.04	4 / 7			
reaction time interval		1.07	1.02	1.01	1.00	1.00	1.04	1.05	1.09	0.98	1.44			3.10	3.04	3.12
wind 0.6 m/s velocity	5.56	7.94	8.33	8.42	8.50	8.50	8.17	8.10	7.80	8.67	7.29	7.67		8.23	8.39	8.17

Krasovska, Olena (UKR) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02 time	2.70	3.76	4.78	5.80	6.80	7.81	8.82	9.84	10.86	11.91		13.04	/ 2			
reaction time 0.157 interval		1.06	1.02	1.02	1.00	1.01	1.01	1.02	1.02	1.05	1.13			3.10	3.02	3.09
wind 0.3 m/s velocity	4.81	8.02	8.33	8.33	8.50	8.42	8.42	8.33	8.33	8.10	9.29	7.67		8.23	8.44	8.25

Lenskiy, Irina (ISR) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 08-Aug-02 time	2.70	3.73	4.76	5.76	6.77	7.78	8.80	9.83	10.85	11.91		13.04	/ 3			
reaction time 0.121 interval		1.03	1.03	1.00	1.01	1.01	1.02	1.03	1.02	1.06	1.13			3.06	3.04	3.11
wind 0.3 m/s velocity	4.81	8.25	8.25	8.50	8.42	8.42	8.33	8.25	8.33	8.02	9.29	7.67		8.33	8.39	8.20

Imura, Kumiko (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2006 Mikio Oda Memorial (Hiroshima, JPN)													*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*			
date 29-Apr-06 time	2.47	3.53	4.56	5.58	6.58	7.59	8.61	9.63	10.68	11.74		13.04	/ 2			
reaction time interval		1.06	1.03	1.02	1.00	1.01	1.02	1.02	1.05	1.06	1.30	PB		3.11	3.03	3.13
wind 1.9 m/s velocity	5.26	8.02	8.25	8.33	8.50	8.42	8.33	8.33	8.10	8.02	8.08	7.67		8.20	8.42	8.15

Vukicevic, Christina (NOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time	2.61	3.63	4.63	5.65	6.66	7.67	8.69	9.73	10.79	11.87		13.04	/ 5			
reaction time 0.175 interval		1.02	1.00	1.02	1.01	1.01	1.02	1.04	1.06	1.08	1.17			3.04	3.04	3.18
wind -0.1 m/s velocity	4.98	8.33	8.50	8.33	8.42	8.42	8.33	8.17	8.02	7.87	8.97	7.67		8.39	8.39	8.02

Škrobáková, Lucie (CZE) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.61	3.67	4.68	5.70	6.69	7.71	8.72	9.74	10.77	11.83		13.04	4 / 1			
reaction time 0.158 interval		1.06	1.01	1.02	0.99	1.02	1.01	1.02	1.03	1.06	1.21			3.09	3.02	3.11
wind -1.0 m/s velocity	4.98	8.02	8.42	8.33	8.59	8.33	8.42	8.33	8.25	8.02	8.68	7.67		8.25	8.44	8.20

Ennis-Hill, Jessica (GBR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 22-Jul-16 time	2.58	3.60	4.62	5.62	6.62	7.64	8.64	9.70	10.80	11.86		13.04	8 / 8			
reaction time 0.155 interval		1.02	1.02	1.00	1.00	1.02	1.00	1.06	1.10	1.06	1.18			3.04	3.02	3.22
wind 0.3 m/s velocity	5.04	8.33	8.33	8.50	8.50	8.33	8.50	8.02	7.73	8.02	8.90	7.67		8.39	8.44	7.92

Hildebrand, Nadine (GER) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 27-Aug-16 time	2.52	3.60	4.64	5.64	6.64	7.66	8.68	9.70	10.76	11.82		13.04	8 / 7			
reaction time 0.142 interval		1.08	1.04	1.00	1.00	1.02	1.02	1.02	1.06	1.06	1.22			3.12	3.04	3.14
wind 0.2 m/s velocity	5.16	7.87	8.17	8.50	8.50	8.33	8.33	8.33	8.02	8.02	8.61	7.67		8.17	8.39	8.12

Ivančević, Andrea (CRO) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2016 year end hurdle report*			
date 09-Sep-16 time	2.56	3.60	4.64	5.64	6.66	7.66	8.68	9.72	10.76	11.80		13.04	2 / 8			
reaction time 0.141 interval		1.04	1.04	1.00	1.02	1.00	1.02	1.04	1.04	1.04	1.24			3.08	3.04	3.12
wind 0.1 m/s velocity	5.08	8.17	8.17	8.50	8.33	8.50	8.33	8.17	8.17	8.17	8.47	7.67		8.28	8.39	8.17

George, Phylicia (CAN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.47	3.53	4.54	5.54	6.52	7.52	8.56	9.59	10.64	11.72		13.04	8 / 5			
reaction time 0.117 interval		1.06	1.01	1.00	0.98	1.00	1.04	1.03	1.05	1.08	1.32			3.07	3.02	3.16
wind 0.5 m/s velocity	5.26	8.02	8.42	8.50	8.67	8.50	8.17	8.25	8.10	7.87	7.95	7.67		8.31	8.44	8.07

Amusan, Tobi (NGR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.52	3.61	4.64	5.66	6.67	7.69	8.69	9.71	10.72	11.75		13.04	9 / 4			
reaction time 0.137 interval		1.09	1.03	1.02	1.01	1.02	1.00	1.02	1.01	1.03	1.29			3.14	3.03	3.06
wind 0.5 m/s velocity	5.16	7.80	8.25	8.33	8.42	8.33	8.50	8.33	8.42	8.25	8.14	7.67		8.12	8.42	8.33

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 12-Aug-17 time	2.46	3.52	4.54	5.54	6.54	7.57	8.58	9.57	10.60	11.66		13.04	9 / 8			

reaction time	0.149	interval		1.06	1.02	1.00	1.00	1.03	1.01	0.99	1.03	1.06	1.38			3.08	3.04	3.08
wind	0.1 m/s	velocity	5.28	8.02	8.33	8.50	8.50	8.25	8.42	8.59	8.25	8.02	7.61	7.67		8.28	8.39	8.28

Jones, Cortney (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jun-18 time	2.56	3.60	4.63	5.63	6.63	7.63	8.66	9.66	10.66	11.73		13.04	2 / 3			
reaction time interval		1.04	1.03	1.00	1.00	1.00	1.03	1.00	1.00	1.07	1.31			3.07	3.03	3.07
wind 0.9 m/s velocity	5.08	8.17	8.25	8.50	8.50	8.50	8.25	8.50	8.50	7.94	8.02	7.67		8.31	8.42	8.31

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jun-18 time	2.56	3.63	4.66	5.66	6.66	7.66	8.66	9.70	10.73	11.76		13.04	6 / 4			
reaction time interval		1.07	1.03	1.00	1.00	1.00	1.00	1.04	1.03	1.03	1.28			3.10	3.00	3.10
wind 0.9 m/s velocity	5.08	7.94	8.25	8.50	8.50	8.50	8.50	8.17	8.25	8.25	8.20	7.67		8.23	8.50	8.23

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21 time	2.63	3.65	4.68	5.70	6.72	7.72	8.76	9.79	10.84	11.90		13.04	5 / 2			
reaction time 0.153 interval		1.02	1.03	1.02	1.02	1.00	1.04	1.03	1.05	1.06	1.14	PB		3.07	3.06	3.14
wind 1.0 m/s velocity	4.94	8.33	8.25	8.33	8.33	8.50	8.17	8.25	8.10	8.02	8.82	7.67		8.31	8.33	8.12

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.61	3.66	4.69	5.69	6.67	7.67	8.72	9.77	10.79	11.86		13.04	7 / 4			
reaction time interval		1.05	1.03	1.00	0.98	1.00	1.05	1.05	1.02	1.07	1.18			3.08	3.03	3.14
wind -1.1 m/s velocity	4.98	8.10	8.25	8.50	8.67	8.50	8.10	8.10	8.33	7.94	8.52	7.67		8.28	8.42	8.12

Jones, Rayniah (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 11-Jun-22 time	2.48	3.52	4.57	5.59	6.62	7.64	8.67	9.69	10.74	11.81		13.04	9 / ~~8~~			
reaction time interval		1.04	1.05	1.02	1.03	1.02	1.03	1.02	1.05	1.07	1.23	DQ		3.11	3.08	3.14
wind -0.2 m/s velocity	5.24	8.17	8.10	8.33	8.25	8.33	8.25	8.33	8.10	7.94	8.17	7.67		8.20	8.28	8.12

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 14-Jun-22 time	2.64	3.68	4.68	5.68	6.68	7.68	8.70	9.74	10.76	11.82		13.04	2 / 6			
reaction time 0.195 interval		1.04	1.00	1.00	1.00	1.00	1.02	1.04	1.02	1.06	1.22			3.04	3.02	3.12
wind 0.2 m/s velocity	4.92	8.17	8.50	8.50	8.50	8.50	8.33	8.17	8.33	8.02	8.24	7.67		8.39	8.44	8.17

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.56	3.63	4.63	5.65	6.67	7.67	8.67	9.70	10.78	11.83		13.04	3 / 3			
reaction time 0.130 interval		1.07	1.00	1.02	1.02	1.00	1.00	1.03	1.08	1.05	1.21			3.09	3.02	3.16
wind -0.3 m/s velocity	5.08	7.94	8.50	8.33	8.33	8.50	8.50	8.25	7.87	8.10	8.31	7.67		8.25	8.44	8.07

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 24-Jul-22 time	2.59	3.65	4.68	5.69	6.69	7.70	8.76	9.81	10.88	11.95		13.04	2 / 6			
reaction time 0.123 interval		1.06	1.03	1.01	1.00	1.01	1.06	1.05	1.07	1.07	1.09			3.10	3.07	3.19
wind -0.1 m/s velocity	5.02	8.02	8.25	8.42	8.50	8.42	8.02	8.10	7.94	7.94	9.22	7.67		8.23	8.31	7.99

Hawkins, Chari (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.65	3.70	4.70	5.70	6.70	7.70	8.72	9.74	10.80	11.86		13.04	7 / 3			
reaction time 0.168 interval		1.05	1.00	1.00	1.00	1.00	1.02	1.02	1.06	1.06	1.18	PB		3.05	3.02	3.14
wind 0.4 m/s velocity	4.91	8.10	8.50	8.50	8.50	8.50	8.33	8.33	8.02	8.02	8.52	7.67		8.36	8.44	8.12

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	2.54	3.60	4.62	5.63	6.62	7.63	8.64	9.66	10.69	11.74		13.04	1 / 10			
reaction time 0.161 interval		1.06	1.02	1.01	0.99	1.01	1.01	1.02	1.03	1.05	1.30			3.09	3.01	3.10
wind -0.2 m/s velocity	5.12	8.02	8.33	8.42	8.59	8.42	8.42	8.33	8.25	8.10	7.73	7.67		8.25	8.47	8.23

Hughes, Amber (USA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.49	3.61	4.64	5.62	6.63	7.64	8.67	9.69	10.73	11.78		13.04	4 / 4			
reaction time 0.160 interval		1.12	1.03	0.98	1.01	1.01	1.03	1.02	1.04	1.05	1.26			3.13	3.05	3.11
wind 0.3 m/s velocity	5.22	7.59	8.25	8.67	8.42	8.42	8.25	8.33	8.17	8.10	7.98	7.67		8.15	8.36	8.20

Bapte, Laeticia (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.44	3.53	4.53	5.50	6.54	7.57	8.60	9.64	10.68	11.74		13.04	8 / 5			
reaction time 0.147 interval	7 steps	1.09	1.00	0.97	1.04	1.03	1.03	1.04	1.04	1.06	1.30			3.06	3.10	3.14

wind	0.3 m/s	velocity	5.33	7.80	8.50	8.76	8.17	8.25	8.25	8.17	8.17	8.02	7.73	7.67			8.33	8.23	8.12

Bapte, Laeticia (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.48	3.53	4.55	5.54	6.53	7.53	8.55	9.59	10.66	11.72		13.04	8 / 5			
reaction time 0.187	interval	7 steps	1.05	1.02	0.99	0.99	1.00	1.02	1.04	1.07	1.06	1.32			3.06	3.01	3.17
wind 0.0 m/s	velocity	5.24	8.10	8.33	8.59	8.59	8.50	8.33	8.17	7.94	8.02	7.61	7.67		8.33	8.47	8.04

Jung, Caren (GER) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1996 German National Championships (Köln, GER)													*Hommel (2007) - Sprinttechnik beobachten und analysieren! P.71*			????
date 23-Jun-96	time	2.60	3.62	4.64	5.64	6.66	7.68	8.70	9.74	10.82	11.88		13.05	/ 1			
reaction time	interval		1.02	1.02	1.00	1.02	1.02	1.02	1.04	1.08	1.06	1.17	PB		3.04	3.06	3.18
wind 0.2 m/s	velocity	5.00	8.33	8.33	8.50	8.33	8.33	8.33	8.17	7.87	8.02	8.97	7.66		8.39	8.33	8.02

Aron, Haydy (FRA) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	2.72	3.74	4.76	5.76	6.76	7.76	8.76	9.80	10.84	11.92		13.05	/ 5			
reaction time 0.203	interval		1.02	1.02	1.00	1.00	1.00	1.00	1.04	1.04	1.08	1.13			3.04	3.00	3.16
wind -0.7 m/s	velocity	4.78	8.33	8.33	8.50	8.50	8.50	8.50	8.17	8.17	7.87	9.29	7.66		8.39	8.50	8.07

Allahgreen, Diane (GBR) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	2.58	3.62	4.66	5.68	6.70	7.73	8.75	9.79	10.86	11.94		13.05	/ 5			
reaction time 0.131	interval		1.04	1.04	1.02	1.02	1.03	1.02	1.04	1.07	1.08	1.11			3.10	3.07	3.19
wind -0.7 m/s	velocity	5.04	8.17	8.17	8.33	8.33	8.25	8.33	8.17	7.94	7.87	9.46	7.66		8.23	8.31	7.99

Okori, Reina-Flor (FRA) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08	time	2.63	3.70	4.65	5.71	6.73	7.74	8.77	9.80	10.84	11.89		13.05	1 / 6			
reaction time 0.153	interval		1.07	0.95	1.06	1.02	1.01	1.03	1.03	1.04	1.05	1.16			3.08	3.06	3.12
wind 0.2 m/s	velocity	4.94	7.94	8.95	8.02	8.33	8.42	8.25	8.25	8.17	8.10	9.05	7.66		8.28	8.33	8.17

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Japanese National Championships (Hiroshima, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 26-Jun-09	time	2.47	3.53	4.57	5.60	6.62	7.65	8.67	9.70	10.74	11.79		13.05	3 / 1			
reaction time	interval		1.06	1.04	1.03	1.02	1.03	1.02	1.03	1.04	1.05	1.26	NJR / PB		3.13	3.07	3.12
wind 1.9 m/s	velocity	5.26	8.02	8.17	8.25	8.33	8.25	8.33	8.25	8.17	8.10	8.33	7.66		8.15	8.31	8.17

Idlette, Lavonne (DOM) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 10-May-15	time	2.65	3.72	4.75	5.77	6.76	7.76	8.78	9.81	10.84	11.90		13.05	/ 5			
reaction time 0.194	interval		1.07	1.03	1.02	0.99	1.00	1.02	1.03	1.03	1.06	1.15			3.12	3.01	3.12
wind 0.9 m/s	velocity	4.91	7.94	8.25	8.33	8.59	8.50	8.33	8.25	8.25	8.02	9.13	7.66		8.17	8.47	8.17

Pesiridou, Elisávet (GRE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 07-Jul-16	time	2.62	3.68	4.72	5.72	6.72	7.74	8.76	9.76	10.80	11.84		13.05	8 / 6			
reaction time 0.142	interval	7 steps	1.06	1.04	1.00	1.00	1.02	1.02	1.00	1.04	1.04	1.21			3.10	3.04	3.08
wind -0.7 m/s	velocity	4.96	8.02	8.17	8.50	8.50	8.33	8.33	8.50	8.17	8.17	8.68	7.66		8.23	8.39	8.28

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 05-May-17	time	2.50	3.54	4.56	5.56	6.58	7.56	8.60	9.64	10.72	11.82		13.05	6 / 4			
reaction time 0.148	interval		1.04	1.02	1.00	1.02	0.98	1.04	1.04	1.08	1.10	1.23			3.06	3.04	3.22
wind -2.3 m/s	velocity	5.20	8.17	8.33	8.50	8.33	8.67	8.17	8.17	7.87	7.73	8.54	7.66		8.33	8.39	7.92

Brown, Janeek (JAM) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jun-18	time	2.53	3.56	4.60	5.63	6.66	7.66	8.66	9.70	10.73	11.80		13.05	7 / 5			
reaction time	interval		1.03	1.04	1.03	1.03	1.00	1.00	1.04	1.03	1.07	1.25			3.10	3.03	3.14
wind 0.9 m/s	velocity	5.14	8.25	8.17	8.25	8.25	8.50	8.50	8.17	8.25	7.94	8.40	7.66		8.23	8.42	8.12

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 NCAA National Championships (Austin, TX) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 08-Jun-19	time	2.50	3.54	4.56	5.56	6.56	7.56	8.56	9.66	10.73	11.80		13.05	2 / 8			
reaction time 0.194	interval		1.04	1.02	1.00	1.00	1.00	1.00	1.10	1.07	1.07	1.25			3.06	3.00	3.24
wind 0.6 m/s	velocity	5.20	8.17	8.33	8.50	8.50	8.50	8.50	7.73	7.94	7.94	8.40	7.66		8.33	8.50	7.87

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19	time	2.56	3.60	4.60	5.60	6.63	7.63	8.63	9.66	10.70	11.80		13.05	8 / 6			
reaction time 0.187	interval		1.04	1.00	1.00	1.03	1.00	1.00	1.03	1.04	1.10	1.25			3.04	3.03	3.17
wind 0.1 m/s	velocity	5.08	8.17	8.50	8.50	8.25	8.50	8.50	8.25	8.17	7.73	8.40	7.66		8.39	8.42	8.04

Brooks, Taliyah (USA) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 17-Sep-20 time	2.54	3.60	4.62	5.62	6.62	7.64	8.66	9.72	10.78	11.86		13.05	9 / 5			
reaction time 0.138 interval	7 steps	1.06	1.02	1.00	1.00	1.02	1.02	1.06	1.06	1.08	1.19			3.08	3.04	3.20
wind 0.1 m/s velocity	5.12	8.02	8.33	8.50	8.50	8.33	8.33	8.02	8.02	7.87	8.45	7.66		8.28	8.39	7.97

di Lazzaro, Elisa Maria (ITA) (1998)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 17-Sep-20 time	2.56	3.62	4.64	5.66	6.68	7.68	8.68	9.70	10.74	11.80		13.05	8 / 6			
reaction time 0.135 interval		1.06	1.02	1.02	1.02	1.00	1.00	1.02	1.04	1.06	1.25	NUR PB		3.10	3.02	3.12
wind 0.1 m/s velocity	5.08	8.02	8.33	8.33	8.33	8.50	8.50	8.33	8.17	8.02	8.04	7.66		8.23	8.44	8.17

Fukube, Mako (JPN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 08-May-22 time	2.59	3.65	4.67	5.68	6.69	7.72	8.74	9.78	10.84	11.91		13.05	7 / 2			
reaction time 0.122 interval		1.06	1.02	1.01	1.01	1.03	1.02	1.04	1.06	1.07	1.14	PB		3.09	3.06	3.17
wind -0.1 m/s velocity	5.02	8.02	8.33	8.42	8.42	8.25	8.33	8.17	8.02	7.94	8.82	7.66		8.25	8.33	8.04

Kozák, Luca (HUN) (1996)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 03-Jun-22 time	2.60	3.66	4.68	5.70	6.70	7.70	8.74	9.76	10.78	11.82		13.05	9 / 5			
reaction time interval		1.06	1.02	1.02	1.00	1.00	1.04	1.02	1.02	1.04	1.23			3.10	3.04	3.08
wind 0.2 m/s velocity	5.00	8.02	8.33	8.33	8.50	8.50	8.17	8.33	8.33	8.17	8.17	7.66		8.23	8.39	8.28

Kozák, Luca (HUN) (1996)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 14-Jun-22 time	2.60	3.68	4.70	5.72	6.72	7.74	8.76	9.78	10.80	11.82		13.05	1 / 7			
reaction time 0.147 interval		1.08	1.02	1.02	1.00	1.02	1.02	1.02	1.02	1.02	1.23			3.12	3.04	3.06
wind 0.2 m/s velocity	5.00	7.87	8.33	8.33	8.50	8.33	8.33	8.33	8.33	8.33	8.17	7.66		8.17	8.39	8.33

Bapte, Laeticia (FRA) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 18-Jun-22 time	2.50	3.57	4.60	5.60	6.59	7.60	8.61	9.64	10.69	11.76		13.05	2 / 7			
reaction time 0.157 interval	7 steps	1.07	1.03	1.00	0.99	1.01	1.01	1.03	1.05	1.07	1.29			3.10	3.01	3.15
wind -0.4 m/s velocity	5.20	7.94	8.25	8.50	8.59	8.42	8.42	8.25	8.10	7.94	7.79	7.66		8.23	8.47	8.10

Graversgaard, Mette (DEN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 24-Jul-22 time	2.52	3.62	4.63	5.65	6.66	7.66	8.68	9.72	10.75	11.82		13.05	8 / 7			
reaction time 0.134 interval		1.10	1.01	1.02	1.01	1.00	1.02	1.04	1.03	1.07	1.23			3.13	3.03	3.14
wind -0.1 m/s velocity	5.16	7.73	8.42	8.33	8.42	8.50	8.33	8.17	8.25	7.94	8.17	7.66		8.15	8.42	8.12

Samba-Mayela, Cyréna (FRA) (2000)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.56	3.58	4.58	5.60	6.63	7.66	8.69	9.69	10.73	11.81		13.05	7 / 7			
reaction time 0.152 interval		1.02	1.00	1.02	1.03	1.03	1.03	1.00	1.04	1.08	1.24			3.04	3.09	3.12
wind -0.1 m/s velocity	5.08	8.33	8.50	8.33	8.25	8.25	8.25	8.50	8.17	7.87	8.10	7.66		8.39	8.25	8.17

Kiyoyama, Chisato (JPN) (1991)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23 time	2.65	3.71	4.73	5.73	6.73	7.73	8.75	9.78	10.83	11.89		13.05	5 / 3			
reaction time 0.146 interval		1.06	1.02	1.00	1.00	1.00	1.02	1.03	1.05	1.06	1.16			3.08	3.02	3.14
wind 0.7 m/s velocity	4.91	8.02	8.33	8.50	8.50	8.50	8.33	8.25	8.10	8.02	8.66	7.66		8.28	8.44	8.12

Tjin-A-Lim, Maayke (NED) (1998)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.57	3.60	4.63	5.63	6.64	7.66	8.68	9.72	10.76	11.82		13.05	2 / 7			
reaction time 0.135 interval		1.03	1.03	1.00	1.01	1.02	1.02	1.04	1.04	1.06	1.23			3.06	3.05	3.14
wind 0.5 m/s velocity	5.06	8.25	8.25	8.50	8.42	8.33	8.33	8.17	8.17	8.02	8.17	7.66		8.33	8.36	8.12

Hurske, Reetta (FIN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.53	3.57	4.59	5.61	6.61	7.64	8.67	9.70	10.74	11.82		13.05	9 / 7			
reaction time 0.137 interval		1.04	1.02	1.02	1.00	1.03	1.03	1.03	1.04	1.08	1.23			3.08	3.06	3.15
wind -0.7 m/s velocity	5.14	8.17	8.33	8.33	8.50	8.25	8.25	8.25	8.17	7.87	8.17	7.66		8.28	8.33	8.10

Harrison, Michelle (CAN) (1992)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 23-Aug-23 time	2.67	3.67	4.69	5.70	6.70	7.72	8.72	9.74	10.78	11.82		13.05	2 / 8			
reaction time 0.158 interval		1.00	1.02	1.01	1.00	1.02	1.00	1.02	1.04	1.04	1.23			3.03	3.02	3.10
wind -0.4 m/s velocity	4.87	8.50	8.33	8.42	8.50	8.33	8.50	8.33	8.17	8.17	8.17	7.66		8.42	8.44	8.23

Smith, Jalaysiya (USA) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24	time	2.65	3.69	4.72	5.70	6.69	7.71	8.71	9.76	10.78	11.86		13.05	3 / 5			
reaction time	interval		1.04	1.03	0.98	0.99	1.02	1.00	1.05	1.02	1.08	1.19			3.05	3.01	3.15
wind 1.0 m/s	velocity	4.91	8.17	8.25	8.67	8.59	8.33	8.50	8.10	8.33	7.87	8.45	7.66		8.36	8.47	8.10

Caicedo, Maribel (ECU) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.46	3.50	4.52	5.52	6.52	7.52	8.53	9.54	10.57	11.69		13.05	6 / 8			
reaction time 0.164	interval		1.04	1.02	1.00	1.00	1.00	1.01	1.01	1.03	1.12	1.36			3.06	3.01	3.16
wind -0.1 m/s	velocity	5.28	8.17	8.33	8.50	8.50	8.50	8.42	8.42	8.25	7.59	7.39	7.66		8.33	8.47	8.07

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.50	3.57	4.60	5.62	6.61	7.62	8.63	9.65	10.70	11.76		13.05	3 / 7			
reaction time 0.143	interval		1.07	1.03	1.02	0.99	1.01	1.01	1.02	1.05	1.06	1.29			3.12	3.01	3.13
wind 0.0 m/s	velocity	5.20	7.94	8.25	8.33	8.59	8.42	8.42	8.33	8.10	8.02	7.79	7.66		8.17	8.47	8.15

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 09-Aug-24	time	2.46	3.53	4.57	5.60	6.61	7.62	8.63	9.65	10.69	11.75		13.05	2 / 8			
reaction time 0.169	interval		1.07	1.04	1.03	1.01	1.01	1.01	1.02	1.04	1.06	1.30			3.14	3.03	3.12
wind 0.4 m/s	velocity	5.28	7.94	8.17	8.25	8.42	8.42	8.42	8.33	8.17	8.02	7.73	7.66		8.12	8.42	8.17

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24	time	2.67	3.70	4.72	5.74	6.72	7.73	8.74	9.76	10.79	11.86		13.05	5 / 1			
reaction time 0.160	interval		1.03	1.02	1.02	0.98	1.01	1.01	1.02	1.03	1.07	1.19			3.07	3.00	3.12
wind 0.6 m/s	velocity	4.87	8.25	8.33	8.33	8.67	8.42	8.42	8.33	8.25	7.94	8.45	7.66		8.31	8.50	8.17

Korotya, Irina (RUS) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 European Cup (Bremen, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 24-Jun-01	time	2.68	3.73	4.76	5.80	6.78	7.82	8.84	9.83	10.91	11.94		13.06	/ 1			
reaction time 0.150	interval		1.05	1.03	1.04	0.98	1.04	1.02	0.99	1.08	1.03	1.12			3.12	3.04	3.10
wind 0.6 m/s	velocity	4.85	8.10	8.25	8.17	8.67	8.17	8.33	8.59	7.87	8.25	9.37	7.66		8.17	8.39	8.23

Hayes, Joanna (USA) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 13-Sep-08	time	2.68	3.75	4.78	5.80	6.82	7.82	8.81	9.84	10.84	11.92		13.06	2 / ~~8~~ 7			
reaction time 0.156	interval		1.07	1.03	1.02	1.02	1.00	0.99	1.03	1.00	1.08	1.14			3.12	3.01	3.11
wind 0.3 m/s	velocity	4.85	7.94	8.25	8.33	8.33	8.50	8.59	8.25	8.50	7.87	9.21	7.66		8.17	8.47	8.20

Škrobáková, Lucie (CZE) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.68	3.73	4.74	5.74	6.73	7.73	8.75	9.76	10.81	11.85		13.06	4 / 1			
reaction time 0.201	interval		1.05	1.01	1.00	0.99	1.00	1.02	1.01	1.05	1.04	1.21			3.06	3.01	3.10
wind 0.2 m/s	velocity	4.85	8.10	8.42	8.50	8.59	8.50	8.33	8.42	8.10	8.17	8.68	7.66		8.33	8.47	8.23

Wu Shuijiao (CHN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2015 IAAF World Championships (Beijing, CHN)													*Xu (2015) - the 15th world track and field special report: Men's and women's hurdle project*			
date 28-Aug-15	time			4.67				8.71			11.63		13.06	2 / 7			
reaction time 0.179	interval							4.04			2.92	1.43					2.92
wind -0.8 m/s	velocity			6.42				8.42			8.73	7.34	7.66				8.73

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis)													*Henson (2021) - Athlete First: major championships report*			
date 28-Aug-15	time	2.52	3.56	4.56	5.56	6.52	7.50	8.48	9.46	10.46	11.58		13.06	6 / 8			
reaction time 0.168	interval 7 steps	1.04	1.00	1.00	0.96	0.98	0.98	0.98	1.00	1.12	1.48				3.04	2.92	3.10
wind -0.3 m/s	velocity	5.16	8.17	8.50	8.50	8.85	8.67	8.67	8.67	8.50	7.59	7.09	7.66		8.39	8.73	8.23

Rard-Reuse, Clélia (SUI) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)													*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 07-May-16	time	2.68	3.70	4.72	5.72	6.74	7.76	8.78	9.82	10.84	11.90		13.06	/ 1			
reaction time	interval		1.02	1.02	1.00	1.02	1.02	1.02	1.04	1.02	1.06	1.16	PB		3.04	3.06	3.12
wind 1.0 m/s	velocity	4.85	8.33	8.33	8.50	8.33	8.33	8.33	8.17	8.33	8.02	9.05	7.66		8.39	8.33	8.17

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19	time	2.46	3.50	4.52	5.52	6.50	7.52	8.54	9.60	10.64	11.70		13.06	7 / 8			
reaction time 0.159	interval		1.04	1.02	1.00	0.98	1.02	1.02	1.06	1.04	1.06	1.36			3.06	3.02	3.16
wind 0.8 m/s	velocity	5.28	8.17	8.33	8.50	8.67	8.33	8.33	8.02	8.17	8.02	7.39	7.66		8.33	8.44	8.07

Aoki, Masumi (JPN) (1994)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	09-May-21	time	2.59	3.64	4.68	5.71	6.72	7.74	8.76	9.82	10.87	11.94		13.06	6 / 2			
reaction time	0.129	interval		1.05	1.04	1.03	1.01	1.02	1.02	1.06	1.05	1.07	1.12			3.12	3.05	3.18
wind	-0.8 m/s	velocity	5.02	8.10	8.17	8.25	8.42	8.33	8.33	8.02	8.10	7.94	8.97	7.66		8.17	8.36	8.02

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.66	3.69	4.69	5.69	6.69	7.69	8.72	9.74	10.81	11.89		13.06	7 / 5			
reaction time	0.146	interval		1.03	1.00	1.00	1.00	1.00	1.03	1.02	1.07	1.08	1.17			3.03	3.03	3.17
wind	0.4 m/s	velocity	4.89	8.25	8.50	8.50	8.50	8.50	8.25	8.33	7.94	7.87	8.59	7.66		8.42	8.42	8.04

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	01-Aug-21	time	2.51	3.54	4.57	5.61	6.63	7.65	8.66	9.71	10.77	11.84		13.06	3 / 6			
reaction time	0.163	interval		1.03	1.03	1.04	1.02	1.02	1.01	1.05	1.06	1.07	1.22			3.10	3.05	3.18
wind	-0.8 m/s	velocity	5.18	8.25	8.25	8.17	8.33	8.33	8.42	8.10	8.02	7.94	8.24	7.66		8.23	8.36	8.02

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.67	3.72	4.74	5.74	6.73	7.74	8.75	9.77	10.81	11.87		13.06	7 / 1			
reaction time	0.186	interval		1.05	1.02	1.00	0.99	1.01	1.01	1.02	1.04	1.06	1.19			3.07	3.01	3.12
wind	0.0 m/s	velocity	4.87	8.10	8.33	8.50	8.59	8.42	8.42	8.33	8.17	8.02	8.45	7.66		8.31	8.47	8.17

Chatfield, Emelia (HAI) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.51	3.59	4.63	5.66	6.67	7.69	8.71	9.73	10.75	11.79		13.06	5 / 8			
reaction time	0.158	interval		1.08	1.04	1.03	1.01	1.02	1.02	1.02	1.02	1.04	1.27			3.15	3.05	3.08
wind	0.0 m/s	velocity	5.18	7.87	8.17	8.25	8.42	8.33	8.33	8.33	8.33	8.17	7.91	7.66		8.10	8.36	8.28

Kasova, Yana (BUL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	08-Aug-02	time	2.73	3.74	4.78	5.79	6.80	7.82	8.83	9.85	10.89	11.94		13.07	/ 2			
reaction time	0.174	interval		1.01	1.04	1.01	1.01	1.02	1.01	1.02	1.04	1.05	1.13			3.06	3.04	3.11
wind	-0.3 m/s	velocity	4.76	8.42	8.17	8.42	8.42	8.33	8.42	8.33	8.17	8.10	9.29	7.65		8.33	8.39	8.20

Krasovska, Olena (UKR) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2002 IAAF World Cup (Madrid, ESP) *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

date	21-Sep-02	time	2.51	3.52	4.52	5.54	6.55	7.57	8.58	9.61	10.63	11.68		13.07	3 / 4			
reaction time	0.146	interval		1.01	1.00	1.02	1.01	1.02	1.01	1.03	1.02	1.05	1.39			3.03	3.04	3.10
wind	1.5 m/s	velocity	5.18	8.42	8.50	8.33	8.42	8.33	8.42	8.25	8.33	8.10	7.55	7.65		8.42	8.39	8.23

Rakotozafy, Rosa (MAD) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2002 IAAF World Cup (Madrid, ESP) *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

date	21-Sep-02	time	2.53	3.56	4.57	5.59	6.58	7.60	8.60	9.62	10.66	11.72		13.07	1 / 5			
reaction time	0.157	interval		1.03	1.01	1.02	0.99	1.02	1.00	1.02	1.04	1.06	1.35			3.06	3.01	3.12
wind	1.5 m/s	velocity	5.14	8.25	8.42	8.33	8.59	8.33	8.50	8.33	8.17	8.02	7.78	7.65		8.33	8.47	8.17

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 USATF National Championships (Indianapolis, IN) *USATF Men's Hurdle Development (2007)*

date	23-Jun-07	time	2.65	3.69	4.70	5.71	6.72	7.74	8.79	9.81	10.86	11.95		13.07	/ 8			
reaction time		interval		1.04	1.01	1.01	1.01	1.02	1.05	1.02	1.05	1.09	1.12			3.06	3.08	3.16
wind	-1.3 m/s	velocity	4.91	8.17	8.42	8.42	8.42	8.33	8.10	8.33	8.10	7.80	9.37	7.65		8.33	8.28	8.07

Cherry, Damu (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	23-Sep-08	time	2.48	3.55	4.59	5.61	6.62	7.63	8.64	9.68	10.71	11.78		13.07	/ 1			
reaction time		interval		1.07	1.04	1.02	1.01	1.01	1.01	1.04	1.03	1.07	1.29			3.13	3.03	3.14
wind	0.1 m/s	velocity	5.24	7.94	8.17	8.33	8.42	8.42	8.42	8.17	8.25	7.94	8.14	7.65		8.15	8.42	8.12

Lewis, Yvette (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.62	3.65	4.68	5.71	6.73	7.75	8.77	9.82	10.86	11.93		13.07	/ 6			
reaction time	0.172	interval		1.03	1.03	1.03	1.02	1.02	1.02	1.05	1.04	1.07	1.14			3.09	3.06	3.16
wind	-0.1 m/s	velocity	4.96	8.25	8.25	8.25	8.33	8.33	8.33	8.10	8.17	7.94	9.21	7.65		8.25	8.33	8.07

Schrott, Beate (AUT) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2012 Olympic Games (London, GBR) (TV Analysis) *Henson (2021) - Athlete First: major championships report*

date	07-Aug-12	time	2.58	3.60	4.62	5.62	6.62	7.62	8.62	9.66	10.70	11.78		13.07	9 / ~~8~~ 7			
reaction time	0.156	interval		1.02	1.02	1.00	1.00	1.00	1.00	1.04	1.04	1.08	1.29			3.04	3.00	3.16
wind	-0.2 m/s	velocity	5.04	8.33	8.33	8.50	8.50	8.50	8.50	8.17	8.17	7.87	8.14	7.65		8.39	8.50	8.07

Clay, Raven (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*

date	15-Jun-17	time	2.54	3.58	4.62	5.62	6.62	7.64	8.66	9.68	10.72	11.82		13.07	1 / 8			
reaction time	0.144	interval		1.04	1.04	1.00	1.00	1.02	1.02	1.02	1.04	1.10	1.25			3.08	3.04	3.16
wind	0.8 m/s	velocity	5.12	8.17	8.17	8.50	8.50	8.33	8.33	8.33	8.17	7.73	8.40	7.65		8.28	8.39	8.07

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Corporate Team vs College Team (Hiratsukai, JPN) *(2019) - http://tfdata-store.com/2019/09/02/post-1606/*

date	27-Jul-19	time	2.63	3.68	4.71	5.73	6.73	7.75	8.77	9.80	10.84	11.90		13.07	2 / 1			
reaction time		interval		1.05	1.03	1.02	1.00	1.02	1.02	1.03	1.04	1.06	1.17			3.10	3.04	3.13
wind	1.3 m/s	velocity	4.94	8.10	8.25	8.33	8.50	8.33	8.33	8.25	8.17	8.02	8.59	7.65		8.23	8.39	8.15

Samba-Mayela, Cyrena (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	19-Aug-20	time	2.47	3.53	4.57	5.61		7.64	8.64	9.67	10.71	11.78		13.07	8 / 4			
reaction time	0.147	interval		1.06	1.04	1.04		2.03	1.00	1.03	1.04	1.07	1.29			3.14	3.03	3.14
wind	-0.2 m/s	velocity	5.26	8.02	8.17	8.17		8.37	8.50	8.25	8.17	7.94	7.79	7.65		8.12	8.42	8.12

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	23-Aug-20	time	2.57	3.63	4.63	5.66	6.66	7.66	8.70	9.73	10.76	11.86		13.07	2 / 2			
reaction time	0.154	interval		1.06	1.00	1.03	1.00	1.00	1.04	1.03	1.03	1.10	1.21	**=PB**		3.09	3.04	3.16
wind	1.4 m/s	velocity	5.06	8.02	8.50	8.25	8.50	8.50	8.17	8.25	8.25	7.73	8.31	7.65		8.25	8.39	8.07

Koala, Martha Yasmine (BUR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	04-Aug-21	time	2.63	3.63	4.66	5.66	6.66	7.69	8.70	9.75	10.78	11.87		13.07	7 / 2			
reaction time	0.139	interval		1.00	1.03	1.00	1.00	1.03	1.01	1.05	1.03	1.09	1.20			3.03	3.04	3.17
wind	-0.8 m/s	velocity	4.94	8.50	8.25	8.50	8.50	8.25	8.42	8.10	8.25	7.80	8.37	7.65		8.42	8.39	8.04

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	08-May-22	time	2.58	3.59	4.60	5.62	6.60	7.61	8.61	9.62	10.74	11.84		13.07	2 / 3			
reaction time	0.162	interval		1.01	1.01	1.02	0.98	1.01	1.00	1.01	1.12	1.10	1.23			3.04	2.99	3.23
wind	-0.1 m/s	velocity	5.04	8.42	8.42	8.33	8.67	8.42	8.50	8.42	7.59	7.73	8.17	7.65		8.39	8.53	7.89

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	08-May-22	time	2.59	3.66	4.70	5.72	6.73	7.75	8.75	9.80	10.84	11.92		13.07	3 / 4			
reaction time	0.152	interval		1.07	1.04	1.02	1.01	1.02	1.00	1.05	1.04	1.08	1.15			3.13	3.03	3.17
wind	-0.1 m/s	velocity	5.02	7.94	8.17	8.33	8.42	8.33	8.50	8.10	8.17	7.87	8.74	7.65		8.15	8.42	8.04

Rocker, Destinee (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	11-Jun-22	time	2.55	3.60	4.62	5.64	6.62	7.62	8.64	9.67	10.71	11.79		13.07	1 / ~~9~~ 8			
reaction time		interval		1.05	1.02	1.02	0.98	1.00	1.02	1.03	1.04	1.08	1.28			3.09	3.00	3.15
wind	-0.2 m/s	velocity	5.10	8.10	8.33	8.33	8.67	8.50	8.33	8.25	8.17	7.87	7.85	7.65		8.25	8.50	8.10

Sedney, Zoë (NED) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Paavo Nurmi Games (Turku, FIN) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

date	14-Jun-22	time	2.56	3.60	4.62	5.64	6.64	7.64	8.66	9.68	10.74	11.84		13.07	7 / 8			
reaction time	0.165	interval		1.04	1.02	1.02	1.00	1.00	1.02	1.02	1.06	1.10	1.23			3.08	3.02	3.18
wind	0.2 m/s	velocity	5.08	8.17	8.33	8.33	8.50	8.50	8.33	8.33	8.02	7.73	8.17	7.65		8.28	8.44	8.02

Robinson, Kaylah (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	29-Jun-24	time	2.60	3.66	4.69	5.71	6.71	7.72	8.74	9.76	10.79	11.85		13.07	3 / 6			
reaction time		interval		1.06	1.03	1.02	1.00	1.01	1.02	1.02	1.03	1.06	1.22			3.11	3.03	3.11
wind	0.8 m/s	velocity	5.00	8.02	8.25	8.33	8.50	8.42	8.33	8.33	8.25	8.02	8.24	7.65		8.20	8.42	8.20

Olyslager, Marjan (NED) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	29-Sep-88	time	2.59	3.65	4.69	5.70	6.70	7.73	8.75	9.79	10.86	11.93		13.08	8 / 5			
reaction time	0.131	interval		1.06	1.04	1.01	1.00	1.03	1.02	1.04	1.07	1.07	1.15			3.11	3.05	3.18
wind	0.4 m/s	velocity	5.02	8.02	8.17	8.42	8.50	8.25	8.33	8.17	7.94	7.94	9.13	7.65		8.20	8.36	8.02

Plotitsyna, Hanna (UKR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.48	3.55	4.57	5.58	6.60	7.60	8.64	9.67	10.72	11.78		13.08	8 / 7			
reaction time	0.139	interval		1.07	1.02	1.01	1.02	1.00	1.04	1.03	1.05	1.06	1.30			3.10	3.06	3.14
wind	0.2 m/s	velocity	5.24	7.94	8.33	8.42	8.33	8.50	8.17	8.25	8.10	8.02	8.08	7.65		8.23	8.33	8.12

Wu Shuijiao (CHN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	12-May-18	time	2.54	3.60	4.66	5.68	6.70	7.72	8.74	9.76	10.78	11.82		13.08	9 / 9			

reaction time	0.156	interval		1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.02	1.04	1.26			3.14	3.06	3.08
wind	0.9 m/s	velocity	5.12	8.02	8.02	8.33	8.33	8.33	8.33	8.33	8.33	8.17	8.33	7.65		8.12	8.33	8.28

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	31-Aug-18	time	2.54	3.58	4.56	5.56	6.56	7.58	8.59	9.62	10.70	11.78		13.08	1 / 8			
reaction time	0.154	interval		1.04	0.98	1.00	1.00	1.02	1.01	1.03	1.08	1.08	1.30			3.02	3.03	3.19
wind	0.1 m/s	velocity	5.12	8.17	8.67	8.50	8.50	8.33	8.43	8.24	7.87	7.87	8.08	7.65		8.44	8.42	7.99

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	13-Jun-19	time	2.56	3.58	4.56	5.56	6.60	7.60	8.64	9.68	10.74	11.84		13.08	1 / 6			
reaction time	0.157	interval		1.02	0.98	1.00	1.04	1.00	1.04	1.04	1.06	1.10	1.24			3.00	3.08	3.20
wind	1.1 m/s	velocity	5.08	8.33	8.67	8.50	8.17	8.50	8.17	8.17	8.02	7.73	8.47	7.65		8.50	8.28	7.97

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date	08-Apr-21	time	2.60	3.64	4.68	5.72	6.72	7.74	8.78	9.82	10.88	11.92		13.08	4 / 1			
reaction time		interval		1.04	1.04	1.04	1.00	1.02	1.04	1.04	1.06	1.04	1.16	PB		3.12	3.06	3.14
wind	-0.1 m/s	velocity	5.00	8.17	8.17	8.17	8.50	8.33	8.17	8.17	8.02	8.17	8.66	7.65		8.17	8.33	8.12

di Lazzaro, Elisa Maria (ITA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	31-Jul-21	time	2.61	3.69	4.74	5.75	6.75	7.77	8.80	9.81	10.82	11.86		13.08	5 / 5			
reaction time		interval		1.08	1.05	1.01	1.00	1.02	1.03	1.01	1.01	1.04	1.22			3.14	3.05	3.06
wind	-1.1 m/s	velocity	4.98	7.87	8.10	8.42	8.50	8.33	8.25	8.42	8.42	8.17	8.24	7.65		8.12	8.36	8.33

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	01-May-22	time	2.64	3.69	4.71	5.71	6.74	7.75	8.78	9.82	10.86	11.92		13.08	4 / 1			
reaction time	0.158	interval		1.05	1.02	1.00	1.03	1.01	1.03	1.04	1.04	1.06	1.16			3.07	3.07	3.14
wind	-0.6 m/s	velocity	4.92	8.10	8.33	8.50	8.25	8.42	8.25	8.17	8.17	8.02	8.66	7.65		8.31	8.31	8.12

Siciarz, Klaudia (POL) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date	03-Jun-22	time	2.56	3.60	4.64	5.66	6.68	7.68	8.68	9.72	10.76	11.84		13.08	7 / 6			
reaction time		interval	7 steps	1.04	1.04	1.02	1.02	1.00	1.00	1.04	1.04	1.08	1.24			3.10	3.02	3.16
wind	0.2 m/s	velocity	5.08	8.17	8.17	8.33	8.33	8.50	8.50	8.17	8.17	7.87	8.10	7.65		8.23	8.44	8.07

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date	09-Jun-22	time	2.50	3.53	4.53	5.53	6.53	7.53	8.57	9.60	10.67	11.80		13.08	3 / 7			
reaction time	0.155	interval		1.03	1.00	1.00	1.00	1.00	1.04	1.03	1.07	1.13	1.28			3.03	3.04	3.23
wind	0.1 m/s	velocity	5.20	8.25	8.50	8.50	8.50	8.50	8.17	8.25	7.94	7.52	7.85	7.65		8.42	8.39	7.89

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	05-May-23	time	2.66	3.72	4.76	5.78	6.78	7.82	8.84	9.86	10.90	11.94		13.08	7 / 8			
reaction time	0.137	interval		1.06	1.04	1.02	1.00	1.04	1.02	1.02	1.04	1.04	1.14			3.12	3.06	3.10
wind	1.1 m/s	velocity	4.89	8.02	8.17	8.33	8.50	8.17	8.33	8.33	8.17	8.17	8.82	7.65		8.17	8.33	8.23

Kerekes, Gréta (HUN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	19-May-24	time	2.63	3.69	4.72	5.73	6.74	7.74	8.77	9.81	10.86	11.92		13.08	1 / 5			
reaction time	0.130	interval		1.06	1.03	1.01	1.01	1.00	1.03	1.04	1.05	1.06	1.16			3.10	3.04	3.15
wind	-0.6 m/s	velocity	4.94	8.02	8.25	8.42	8.42	8.50	8.25	8.17	8.10	8.02	8.66	7.65		8.23	8.39	8.10

Robinson, Kaylah (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.69	3.74	4.74	5.74	6.72	7.70	8.68	9.70	10.78	11.86		13.08	6 / 4			
reaction time		interval		1.05	1.00	1.00	0.98	0.98	0.98	1.02	1.08	1.08	1.22			3.05	2.94	3.18
wind	0.1 m/s	velocity	4.83	8.10	8.50	8.50	8.67	8.67	8.67	8.33	7.87	7.87	8.24	7.65		8.36	8.67	8.02

Forster, Viktória (SVK) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date	07-Aug-24	time	2.48	3.57	4.60	5.62	6.63	7.65	8.67	9.70	10.73	11.79		13.08	7 / 6			
reaction time	0.156	interval		1.09	1.03	1.02	1.01	1.02	1.02	1.03	1.03	1.06	1.29			3.14	3.05	3.12
wind	-0.6 m/s	velocity	5.24	7.80	8.25	8.33	8.42	8.33	8.33	8.25	8.25	8.02	7.79	7.65		8.12	8.36	8.17

Hightower, Stephanie (USA) (1958)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. USA (Leningrad, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date	11-Jul-81	time	2.65	3.68	4.70	5.72	6.78	7.85	8.87	9.89	10.94	11.97		13.09	/ 2			
reaction time		interval		1.03	1.02	1.02	1.06	1.07	1.02	1.02	1.05	1.03	1.12			3.07	3.15	3.10

wind	0.3 m/s	velocity	4.91	8.25	8.33	8.33	8.02	7.94	8.33	8.33	8.10	8.25	9.38	7.64			8.31	8.10	8.23

Kallur, Susanna (SWE) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	2.64	3.70	4.72	5.72	6.74	7.76	8.80	9.84	10.90	11.98		13.09	/ 7			
reaction time 0.153	interval		1.06	1.02	1.00	1.02	1.02	1.04	1.04	1.06	1.08	1.11			3.08	3.08	3.18
wind -0.7 m/s	velocity	4.92	8.02	8.33	8.50	8.33	8.33	8.17	8.17	8.02	7.87	9.46	7.64		8.28	8.28	8.02

Rard-Reuse, Clélia (SUI) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)													*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 21-May-16	time	2.70	3.72	4.74	5.76	6.76	7.78	8.82	9.84	10.88	11.94		13.09	/ 1			
reaction time	interval		1.02	1.02	1.02	1.00	1.02	1.04	1.02	1.04	1.06	1.15			3.06	3.06	3.12
wind -0.4 m/s	velocity	4.81	8.33	8.33	8.33	8.50	8.33	8.17	8.33	8.17	8.02	9.13	7.64		8.33	8.33	8.17

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 31-May-18	time	2.60	3.66	4.68	5.70	6.72	7.72	8.72	9.76	10.80	11.84		13.09	7 / 6			
reaction time 0.177	interval		1.06	1.02	1.02	1.02	1.00	1.00	1.04	1.04	1.04	1.25			3.10	3.02	3.12
wind 0.0 m/s	velocity	5.00	8.02	8.33	8.33	8.33	8.50	8.50	8.17	8.17	8.17	8.40	7.64		8.23	8.44	8.17

Marshall, Tonea (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 09-Jun-18	time	2.53	3.56	4.60	5.63	6.63	7.63	8.66	9.70	10.73	11.80		13.09	1 / 6			
reaction time	interval		1.03	1.04	1.03	1.00	1.00	1.03	1.04	1.03	1.07	1.29			3.10	3.03	3.14
wind 0.9 m/s	velocity	5.14	8.25	8.17	8.25	8.50	8.50	8.25	8.17	8.25	7.94	8.14	7.64		8.23	8.42	8.12

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19	time	2.50	3.54	4.56	5.56	6.56	7.58	8.60	9.62	10.68	11.74		13.09	2 / 7			
reaction time 0.159	interval		1.04	1.02	1.00	1.00	1.02	1.02	1.02	1.06	1.06	1.35			3.06	3.04	3.14
wind 1.0 m/s	velocity	5.20	8.17	8.33	8.50	8.50	8.33	8.33	8.33	8.02	8.02	7.44	7.64		8.33	8.39	8.12

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 19-Aug-20	time	2.54	3.57	4.62	5.61	6.64	7.64	8.64	9.67	10.71	11.81		13.09	7 / 5			
reaction time 0.148	interval		1.03	1.05	0.99	1.03	1.00	1.00	1.03	1.04	1.10	1.28			3.07	3.03	3.17
wind -0.2 m/s	velocity	5.12	8.25	8.10	8.59	8.25	8.50	8.50	8.25	8.17	7.73	7.85	7.64		8.31	8.42	8.04

Nelvis, Sharika (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 19-Aug-20	time	2.50	3.53	4.57	5.54	6.54	7.54	8.57	9.61	10.64	11.67		13.09	4 / 6			
reaction time 0.147	interval 7 steps	1.03	1.04	0.97	1.00	1.00	1.03	1.04	1.03	1.03	1.42				3.04	3.03	3.10
wind -0.2 m/s	velocity	5.20	8.25	8.17	8.76	8.50	8.50	8.25	8.17	8.25	8.25	7.08	7.64		8.39	8.42	8.23

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 23-Aug-20	time	2.65	3.70	4.72	5.74	6.77	7.79	8.83	9.86	10.90	11.96		13.09	7 / 2			
reaction time 0.131	interval		1.05	1.02	1.02	1.03	1.02	1.04	1.03	1.04	1.06	1.13	PB		3.09	3.09	3.13
wind 0.3 m/s	velocity	4.91	8.10	8.33	8.33	8.25	8.33	8.17	8.25	8.17	8.02	8.89	7.64		8.25	8.25	8.15

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.65	3.70	4.72	5.73	6.74	7.76	8.79	9.82	10.87	11.94		13.09	6 / 1			
reaction time 0.143	interval		1.05	1.02	1.01	1.01	1.02	1.03	1.03	1.05	1.07	1.15	PB		3.08	3.06	3.15
wind -0.4 m/s	velocity	4.91	8.10	8.33	8.42	8.42	8.33	8.25	8.25	8.10	7.94	8.74	7.64		8.28	8.33	8.10

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Japanese National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 27-Jun-21	time	2.61	3.67	4.69	5.71	6.72	7.74	8.78	9.81	10.87	11.96		13.09	6 / 1			
reaction time 0.147	interval		1.06	1.02	1.02	1.01	1.02	1.04	1.03	1.06	1.09	1.13			3.10	3.07	3.18
wind 0.0 m/s	velocity	4.98	8.02	8.33	8.33	8.42	8.33	8.17	8.25	8.02	7.80	8.89	7.64		8.23	8.31	8.02

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21	time	2.60	3.62	4.64	5.67	6.72	7.75	8.77	9.82	10.86	11.94		13.09	3 / 5			
reaction time 0.144	interval		1.02	1.02	1.03	1.05	1.03	1.02	1.05	1.04	1.08	1.15			3.07	3.10	3.17
wind 1.0 m/s	velocity	5.00	8.33	8.33	8.25	8.10	8.25	8.33	8.10	8.17	7.87	8.74	7.64		8.31	8.23	8.04

Jean, Mulern (HAI) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21	time	2.50	3.57	4.58	5.58	6.57	7.57	8.58	9.61	10.69	11.81		13.09	2 / 7			
reaction time 0.156	interval		1.07	1.01	1.00	0.99	1.00	1.01	1.03	1.08	1.12	1.28			3.08	3.00	3.23
wind 0.0 m/s	velocity	5.20	7.94	8.42	8.50	8.59	8.50	8.42	8.25	7.87	7.59	7.85	7.64		8.28	8.50	7.89

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 01-Aug-21 time	2.57	3.63	4.68	5.70	6.69	7.70	8.69	9.69	10.72	11.81		13.09	3 / 8			
reaction time 0.185 interval		1.06	1.05	1.02	0.99	1.01	0.99	1.00	1.03	1.09	1.28			3.13	2.99	3.12
wind 0.0 m/s velocity	5.06	8.02	8.10	8.33	8.59	8.42	8.59	8.50	8.25	7.80	7.85	7.64		8.15	8.53	8.17

Vetter, Anouk (NED) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.62	3.62	4.65	5.66	6.66	7.69	8.74	9.77	10.82	11.90		13.09	5 / 3			
reaction time 0.134 interval		1.00	1.03	1.01	1.00	1.03	1.05	1.03	1.05	1.08	1.19	PB		3.04	3.08	3.16
wind -0.8 m/s velocity	4.96	8.50	8.25	8.42	8.50	8.25	8.10	8.25	8.10	7.87	8.45	7.64		8.39	8.28	8.07

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.50	3.54	4.56	5.58	6.60	7.63	8.66	9.70	10.73	11.80		13.09	7 / 4			
reaction time 0.129 interval		1.04	1.02	1.02	1.02	1.03	1.03	1.04	1.03	1.07	1.29			3.08	3.08	3.14
wind -0.4 m/s velocity	5.20	8.17	8.33	8.33	8.33	8.25	8.25	8.17	8.25	7.94	7.79	7.64		8.28	8.28	8.12

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Aug-22 time	2.56	3.60	4.60	5.63	6.63	7.65	8.65	9.67	10.73	11.83		13.09	2 / 6			
reaction time 0.160 interval		1.04	1.00	1.03	1.00	1.02	1.00	1.02	1.06	1.10	1.26			3.07	3.02	3.18
wind 2.4 m/s velocity	5.08	8.17	8.50	8.25	8.50	8.33	8.50	8.33	8.02	7.73	7.98	7.64		8.31	8.44	8.02

Zbären, Noemi (SUI) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 04-Sep-22 time	2.72	3.76	4.80	5.80	6.80	7.80	8.80	9.84	10.86	11.90		13.09	3 / 4			
reaction time 0.232 interval		1.04	1.04	1.00	1.00	1.00	1.00	1.04	1.02	1.04	1.19			3.08	3.00	3.10
wind -0.3 m/s velocity	4.78	8.17	8.17	8.50	8.50	8.50	8.50	8.17	8.33	8.17	8.45	7.64		8.28	8.50	8.23

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Athletissima (Lausanne, SUI)													*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23 time	2.50	3.57	4.59	5.60	6.59	7.59	8.61	9.64	10.69	11.76		13.09	1 / 7			
reaction time 0.182 interval		1.07	1.02	1.01	0.99	1.00	1.02	1.03	1.05	1.07	1.33			3.10	3.01	3.15
wind -1.4 m/s velocity	5.20	7.94	8.33	8.42	8.59	8.50	8.33	8.25	8.10	7.94	7.56	7.64		8.23	8.47	8.10

Bapte, Laeticia (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.49	3.56	4.58	5.59	6.59	7.60	8.61	9.63	10.68	11.75		13.09	8 / 8			
reaction time 0.171 interval 7 steps		1.07	1.02	1.01	1.00	1.01	1.01	1.02	1.05	1.07	1.34			3.10	3.02	3.14
wind 0.9 m/s velocity	5.22	7.94	8.33	8.42	8.50	8.42	8.42	8.33	8.10	7.94	7.50	7.64		8.23	8.44	8.12

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.62	3.67	4.72	5.72	6.74	7.75	8.75	9.79	10.84	11.91		13.09	3 / 2			
reaction time 0.148 interval		1.05	1.05	1.00	1.02	1.01	1.00	1.04	1.05	1.07	1.18			3.10	3.03	3.16
wind -0.1 m/s velocity	4.96	8.10	8.10	8.50	8.33	8.42	8.50	8.17	8.10	7.94	8.52	7.64		8.23	8.42	8.07

Morgulina, Nina (URS) (1956)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 1979 VII USSR Spartakiade (Moscow, URS)													*Balachničiv (1981) - Periodisierung & Zyklisierung des Trainings 78/79 von Hürdenlauferinnen der Spitzenklasse UdSSR*			
date 25-Jul-79 time	2.56	3.64	4.67	5.68	6.70	7.70	8.72	9.76	10.81	11.90		13.10	/ 3			
reaction time interval		1.08	1.03	1.01	1.02	1.00	1.02	1.04	1.05	1.09	1.20			3.12	3.04	3.18
wind ??? velocity	5.08	7.87	8.25	8.42	8.33	8.50	8.33	8.17	8.10	7.80	8.75	7.63		8.17	8.39	8.02

Tillack, Heike (GDR) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 IAAF World Junor Championships (Athens, GRE)													*Miskos (1986) - IAAF biomechanical research - Athens 1986 - hurdle races*			
date 19-Jul-86 time	2.68	3.74	4.76	5.77	6.79	7.78	8.80	9.79	10.86	11.93		13.10	/ 1			
reaction time interval		1.06	1.02	1.01	1.02	0.99	1.02	0.99	1.07	1.07	1.17	CR		3.09	3.03	3.13
wind -0.7 m/s velocity	4.85	8.02	8.33	8.42	8.33	8.59	8.33	8.59	7.94	7.94	8.97	7.63		8.25	8.42	8.15

Patzwahl, Kristin (GER) (1965)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 European Cup (Frankfurt, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jun-91 time	2.62	3.65	4.67	5.69	6.70	7.72	8.74	9.78	10.83	11.90		13.10	/ 3			
reaction time interval		1.03	1.02	1.02	1.01	1.02	1.02	1.04	1.05	1.07	1.20			3.07	3.05	3.16
wind -2.1 m/s velocity	4.96	8.25	8.33	8.33	8.42	8.33	8.33	8.17	8.10	7.94	8.75	7.63		8.31	8.36	8.07

Ferga, Linda (FRA) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 European Cup (Bremen, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 24-Jun-01 time	2.69	3.75	4.75	5.80	6.76	7.78	8.80	9.83	10.91	11.94		13.10	/ 2			
reaction time 0.249 interval		1.06	1.00	1.05	0.96	1.02	1.02	1.03	1.08	1.03	1.16			3.11	3.00	3.14
wind 0.6 m/s velocity	4.83	8.02	8.50	8.10	8.85	8.33	8.33	8.25	7.87	8.25	9.05	7.63		8.20	8.50	8.12

Neziri, Nooralotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Windsprint (Sundwvall, SWE)													*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time	2.71	3.77	4.81	5.82	6.83	7.84	8.85	9.87	10.90	11.94		13.10	3 / 1			
reaction time	interval		1.06	1.04	1.01	1.01	1.01	1.01	1.02	1.03	1.04	1.16	NR		3.11	3.03	3.09
wind 1.2 m/s	velocity	4.80	8.02	8.17	8.42	8.42	8.42	8.42	8.33	8.25	8.17	9.05	7.63		8.20	8.42	8.25

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Corporate Championships (Osaka, JPN)													*(2016.09.28) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 25-Sep-16	time	2.64	3.68	4.71	5.73	6.75	7.77	8.80	9.84	10.88	11.96		13.10	7 / 1			
reaction time 0.141	interval		1.04	1.03	1.02	1.02	1.02	1.03	1.04	1.04	1.08	1.14			3.09	3.07	3.16
wind 1.0 m/s	velocity	4.92	8.17	8.25	8.33	8.33	8.33	8.25	8.17	8.17	7.87	9.21	7.63		8.25	8.31	8.07

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 29-Apr-17	time	2.60	3.66	4.70	5.73	6.73	7.73	8.75	9.75	10.77	11.83		13.10	5 / 7			
reaction time	interval		1.06	1.04	1.03	1.00	1.00	1.02	1.00	1.02	1.06	1.27			3.13	3.02	3.08
wind 1.0 m/s	velocity	5.00	8.02	8.17	8.25	8.50	8.50	8.33	8.50	8.33	8.02	8.27	7.63		8.15	8.44	8.28

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)													*(2017) - tfdata-store.com/2017/05/22/post-599/*			
date 21-May-17	time	2.61	3.65	4.68	5.70	6.71	7.73	8.75	9.80	10.86	11.92		13.10	2 / 4			
reaction time 0.167	interval		1.04	1.03	1.02	1.01	1.02	1.02	1.05	1.06	1.06	1.18			3.09	3.05	3.17
wind 0.0 m/s	velocity	4.98	8.17	8.25	8.33	8.42	8.33	8.33	8.10	8.02	8.02	8.90	7.63		8.25	8.36	8.04

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19	time	2.65	3.67	4.71	5.66	6.72	7.71	8.75	9.75	10.79	11.85		13.10	8 / 7			
reaction time 0.154	interval		1.02	1.04	0.95	1.06	0.99	1.04	1.00	1.04	1.06	1.25			3.01	3.09	3.10
wind -1.0 m/s	velocity	4.91	8.33	8.17	8.95	8.02	8.59	8.17	8.50	8.17	8.02	8.40	7.63		8.47	8.25	8.23

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19	time	2.64	3.71	4.73	5.76	6.77	7.77	8.80	9.81	10.89	11.92		13.10	5 / 2			
reaction time 0.137	interval		1.07	1.02	1.03	1.01	1.00	1.03	1.01	1.08	1.03	1.18			3.12	3.04	3.12
wind 3.5 m/s	velocity	4.92	7.94	8.33	8.25	8.42	8.50	8.25	8.42	7.87	8.25	8.90	7.63		8.17	8.39	8.17

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 11-Aug-20	time	2.56	3.62	4.62	5.64	6.64	7.66	8.68	9.70	10.76	11.82		13.10	7 / 6			
reaction time 0.190	interval		1.06	1.00	1.02	1.00	1.02	1.02	1.02	1.06	1.06	1.28	PB		3.08	3.04	3.14
wind 1.2 m/s	velocity	5.08	8.02	8.50	8.33	8.50	8.33	8.33	8.33	8.02	8.02	7.85	7.63		8.28	8.39	8.12

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20	time	2.66	3.73	4.75	5.76	6.78	7.79	8.83	9.85	10.89	11.98		13.10	/ 3			
reaction time	interval		1.07	1.02	1.01	1.02	1.01	1.04	1.02	1.04	1.09	1.12			3.10	3.07	3.15
wind 2.1 m/s	velocity	4.89	7.94	8.33	8.42	8.33	8.42	8.17	8.33	8.17	7.80	8.97	7.63		8.23	8.31	8.10

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21	time	2.57	3.60	4.63	5.66	6.70	7.74	8.75	9.78	10.82	11.90		13.10	4 / 6			
reaction time 0.125	interval		1.03	1.03	1.03	1.04	1.04	1.01	1.03	1.04	1.08	1.20			3.09	3.09	3.15
wind 1.0 m/s	velocity	5.06	8.25	8.25	8.25	8.17	8.17	8.42	8.25	8.17	7.87	8.38	7.63		8.25	8.25	8.10

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 09-Jun-22	time	2.53	3.60	4.63	5.63	6.63	7.63	8.63	9.67	10.73	11.83		13.10	2 / 8			
reaction time 0.163	interval		1.07	1.03	1.00	1.00	1.00	1.00	1.04	1.06	1.10	1.27			3.10	3.00	3.20
wind 0.1 m/s	velocity	5.14	7.94	8.25	8.50	8.50	8.50	8.50	8.17	8.02	7.73	7.91	7.63		8.23	8.50	7.97

di Lazzaro, Elisa Maria (ITA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 09-Jun-22	time	2.53	3.63	4.63	5.65	6.65	7.67	8.67	9.70	10.73	11.83		13.10	9 / 9			
reaction time 0.143	interval		1.10	1.00	1.02	1.00	1.02	1.00	1.03	1.03	1.10	1.27			3.12	3.02	3.16
wind 0.1 m/s	velocity	5.14	7.73	8.50	8.33	8.50	8.33	8.50	8.25	8.25	7.73	7.91	7.63		8.17	8.44	8.07

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22	time	2.63	3.70	4.77	5.78	6.79	7.82	8.83	9.86	10.90	11.95		13.10	4 / 1			
reaction time 0.136	interval		1.07	1.07	1.01	1.01	1.03	1.01	1.03	1.04	1.05	1.15			3.15	3.05	3.12
wind 0.8 m/s	velocity	4.94	7.94	7.94	8.42	8.42	8.25	8.42	8.25	8.17	8.10	8.74	7.63		8.10	8.36	8.17

Skrzyszowska, Pia (POL) (2001)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Weltklasse (Zürich, SUI) *Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.45	3.50	4.54	5.53	6.52	7.51	8.52	9.54	10.59	11.68		13.10	9 / 9			
reaction time	0.134	interval		1.05	1.04	0.99	0.99	0.99	1.01	1.02	1.05	1.09	1.42			3.08	2.99	3.16
wind	-0.2 m/s	velocity	5.31	8.10	8.17	8.59	8.59	8.59	8.42	8.33	8.10	7.80	7.08	7.63		8.28	8.53	8.07

Vidts, Noor (BEL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.52	3.60	4.64	5.65	6.66	7.67	8.70	9.73	10.77	11.82		13.10	4 / 3			
reaction time	0.152	interval		1.08	1.04	1.01	1.01	1.01	1.03	1.03	1.04	1.05	1.28	PB		3.13	3.05	3.12
wind	-0.1 m/s	velocity	5.16	7.87	8.17	8.42	8.42	8.42	8.25	8.25	8.17	8.10	7.85	7.63		8.15	8.36	8.17

Grigoryeva, Natalya (URS) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 European Cup (Prague, TCH) *Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.68	3.73	4.72	5.72	6.75	7.76	8.76	9.80	10.88	11.92		13.11	6 / 4			
reaction time		interval		1.05	0.99	1.00	1.03	1.01	1.00	1.04	1.08	1.04	1.19			3.04	3.04	3.16
wind	-0.9m/s	velocity	4.85	8.10	8.59	8.50	8.25	8.42	8.50	8.17	7.87	8.17	8.82	7.63		8.39	8.39	8.07

Tolbert-Goode, Lynda (USA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 Olympic Games (Atlanta, GA) *Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*

date	31-Jul-96	time	2.43	3.50	4.52	5.52	6.55	7.58	8.62	9.65	10.72	11.80		13.11	7 / ~~8~~ 7			
reaction time	0.175	interval		1.07	1.02	1.00	1.03	1.03	1.04	1.03	1.07	1.08	1.31			3.09	3.10	3.18
wind	0.2 m/s	velocity	5.35	7.94	8.33	8.50	8.25	8.25	8.17	8.25	7.94	7.87	8.02	7.63		8.25	8.23	8.02

Carruthers, Danielle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.59	3.63	4.64	5.64	6.65	7.67	8.69	9.73	10.81	11.90		13.11	/ 7			
reaction time	0.167	interval		1.04	1.01	1.00	1.01	1.02	1.02	1.04	1.08	1.09	1.21			3.05	3.05	3.21
wind	-0.1 m/s	velocity	5.02	8.17	8.42	8.50	8.42	8.33	8.33	8.17	7.87	7.80	8.68	7.63		8.36	8.36	7.94

Thomas, Vashti (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 Windsprint (Sundwvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	2.59	3.62	4.67	5.70	6.72	7.74	8.78	9.81	10.85	11.91		13.11	4 / 2			
reaction time		interval		1.03	1.05	1.03	1.02	1.02	1.04	1.03	1.04	1.06	1.20			3.11	3.08	3.13
wind	1.2 m/s	velocity	5.02	8.25	8.10	8.25	8.33	8.33	8.17	8.25	8.17	8.02	8.75	7.63		8.20	8.28	8.15

Lobe, Ricarda (GER) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.49	3.59	4.63	5.66	6.68	7.66	8.69	9.72	10.76	11.83		13.11	3 / 6			
reaction time	0.147	interval		1.10	1.04	1.03	1.02	0.98	1.03	1.03	1.04	1.07	1.28			3.17	3.03	3.14
wind	0.5 m/s	velocity	5.22	7.73	8.17	8.25	8.33	8.67	8.25	8.25	8.17	7.94	8.20	7.63		8.04	8.42	8.12

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	03-Jun-18	time	2.58	3.64	4.65	5.68	6.69	7.72	8.75	9.78	10.83	11.89		13.11	/ 1			
reaction time		interval		1.06	1.01	1.03	1.01	1.03	1.03	1.03	1.05	1.06	1.22			3.10	3.07	3.14
wind	0.6 m/s	velocity	5.04	8.02	8.42	8.25	8.42	8.25	8.25	8.25	8.10	8.02	8.61	7.63		8.23	8.31	8.12

Carter, Kori (USA) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	23-Jun-18	time	2.50	3.53	4.57	5.60	6.60	7.57	8.57	9.67	10.71	11.77		13.11	2 / 6			
reaction time		interval		1.03	1.04	1.03	1.00	0.97	1.00	1.10	1.04	1.06	1.34			3.10	2.97	3.20
wind	-1.4 m/s	velocity	5.20	8.25	8.17	8.25	8.50	8.76	8.50	7.73	8.17	8.02	7.84	7.63		8.23	8.59	7.97

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*

date	19-May-19	time	2.58	3.65	4.66	5.66	6.67	7.69	8.70	9.74	10.81	11.90		13.11	6 / 6			
reaction time	0.156	interval		1.07	1.01	1.00	1.01	1.02	1.01	1.04	1.07	1.09	1.21			3.08	3.04	3.20
wind	0.4 m/s	velocity	5.04	7.94	8.42	8.50	8.42	8.33	8.42	8.17	7.94	7.80	8.68	7.63		8.28	8.39	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Fuse Sprint (Tottori, JPN) *Kijima (2019) - research on athlete performance and technique- 2019 data book*

date	02-Jun-19	time	2.60	3.66	4.69	5.70	6.72	7.75	8.78	9.81	10.87	11.92		13.11	6 / 3			
reaction time	0.141	interval		1.06	1.03	1.01	1.02	1.03	1.03	1.03	1.06	1.05	1.19			3.10	3.08	3.14
wind	3.5 m/s	velocity	5.00	8.02	8.25	8.42	8.33	8.25	8.25	8.25	8.02	8.10	8.82	7.63		8.23	8.28	8.12

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN) *CAA Hurdle Development (2019)*

date	07-Jun-19	time	2.63	3.69	4.73	5.75	6.77	7.79	8.81	9.86	10.89	11.94		13.11	5 / 1			
reaction time	0.183	interval		1.06	1.04	1.02	1.02	1.02	1.02	1.05	1.03	1.05	1.17			3.12	3.06	3.13
wind	2.3 m/s	velocity	4.94	8.02	8.17	8.33	8.33	8.33	8.33	8.10	8.25	8.10	8.97	7.63		8.17	8.33	8.15

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Pan American Games (Lima, PER) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Aug-19	time	2.51	3.59	4.63	5.63	6.65	7.67	8.67	9.67	10.72	11.77		13.11	6 / 4			
reaction time	0.178	interval		1.08	1.04	1.00	1.02	1.02	1.00	1.00	1.05	1.05	1.34			3.12	3.04	3.10
wind	0.1 m/s	velocity	5.18	7.87	8.17	8.50	8.33	8.33	8.50	8.50	8.10	8.10	7.84	7.63		8.17	8.39	8.23

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis) — *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	11-Aug-20	time	2.54	3.58	4.62	5.66	6.66	7.66	8.70	9.72	10.78	11.86		13.11	2 / 7			
reaction time	0.168	interval		1.04	1.04	1.04	1.00	1.00	1.04	1.02	1.06	1.08	1.25			3.12	3.04	3.16
wind	1.2 m/s	velocity	5.12	8.17	8.17	8.17	8.50	8.50	8.17	8.33	8.02	7.87	8.04	7.63		8.17	8.39	8.07

Koala, Martha Yasmine (BUR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.69	3.69	4.69	5.69	6.69	7.72	8.77	9.81	10.89	11.94		13.11	3 / 6			
reaction time	0.148	interval		1.00	1.00	1.00	1.00	1.03	1.05	1.04	1.08	1.05	1.17			3.00	3.08	3.17
wind	0.4 m/s	velocity	4.83	8.50	8.50	8.50	8.50	8.25	8.10	8.17	7.87	8.10	8.59	7.63		8.50	8.28	8.04

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	12-May-24	time	2.63	3.68	4.70	5.72	6.74	7.75	8.78	9.83	10.89	11.95		13.11	9 / 4			
reaction time	0.143	interval		1.05	1.02	1.02	1.02	1.01	1.03	1.05	1.06	1.06	1.16			3.09	3.06	3.17
wind	0.2 m/s	velocity	4.94	8.10	8.33	8.33	8.33	8.42	8.25	8.10	8.02	8.02	8.66	7.63		8.25	8.33	8.04

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	19-May-24	time	2.61	3.66	4.71	5.73	6.76	7.78	8.81	9.84	10.89	11.96		13.11	2 / 6			
reaction time	0.166	interval		1.05	1.05	1.02	1.03	1.02	1.03	1.03	1.05	1.07	1.15			3.12	3.08	3.15
wind	-0.6 m/s	velocity	4.98	8.10	8.10	8.33	8.25	8.33	8.25	8.25	8.10	7.94	8.74	7.63		8.17	8.28	8.10

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	07-Aug-24	time	2.53	3.62	4.64	5.67	6.68	7.68	8.71	9.74	10.79	11.84		13.11	5 / 6			
reaction time	0.168	interval		1.09	1.02	1.03	1.01	1.00	1.03	1.03	1.05	1.05	1.27			3.14	3.04	3.13
wind	0.0 m/s	velocity	5.14	7.80	8.33	8.25	8.42	8.50	8.25	8.25	8.10	8.10	7.91	7.63		8.12	8.39	8.15

Pang Jiewen (CHN) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1993 Chinese National Games (Beijing, CHN) — *Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*

date	09-Sep-93	time	2.53	3.57	4.60	5.62	6.64	7.68	8.72	9.76	10.82	11.98		13.12	/ 4			
reaction time		interval		1.04	1.03	1.02	1.02	1.04	1.04	1.04	1.06	1.16	1.14			3.09	3.10	3.26
wind	0.1 m/s	velocity	5.14	8.17	8.25	8.33	8.33	8.17	8.17	8.17	8.02	7.33	9.21	7.62		8.25	8.23	7.82

Foster, Ebony (USA) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2006 USATF National Championships (Indianapolis, IN) — *USATF Women's Hurdle Development (2006)*

date	24-Jun-06	time	2.65	3.74	4.77	5.81	6.79	7.77	8.81	9.84	10.86	11.95		13.12	1 / 8			
reaction time		interval		1.09	1.03	1.04	0.98	0.98	1.04	1.03	1.02	1.09	1.17			3.16	3.00	3.14
wind	- 0.4 m/s	velocity	4.91	7.80	8.25	8.17	8.67	8.67	8.17	8.25	8.33	7.80	8.97	7.62		8.07	8.50	8.12

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2010 National Sports Festival (Chiba, JPN) — *(2017.03.26) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	04-Oct-10	time	2.63	3.67	4.70	5.71	6.73	7.76	8.78	9.82	10.88	11.95		13.12	4 / 1			
reaction time		interval		1.04	1.03	1.01	1.02	1.03	1.02	1.04	1.06	1.07	1.17			3.08	3.07	3.17
wind	0.5 m/s	velocity	4.94	8.17	8.25	8.42	8.33	8.25	8.33	8.17	8.02	7.94	8.97	7.62		8.28	8.31	8.04

Pennella, Giulia (ITA) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Italian National Championships (Torino, ITA) — *Incalza (FIDAL - Centro Studi & Ricerche) (2015) - https://www.youtube.com/watch?v=E1vh3mZh5kw*

date	25-Jul-15	time	2.80	3.87	4.89	5.90	6.90	7.91	8.93	9.92	10.96	12.01		13.12	7 / 1			
reaction time		interval		1.07	1.02	1.01	1.00	1.01	1.02	0.99	1.04	1.05	1.11	PB		3.10	3.03	3.08
wind	1.7 m/s	velocity	4.64	7.94	8.33	8.42	8.50	8.42	8.33	8.59	8.17	8.10	9.46	7.62		8.23	8.42	8.28

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis) — *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	09-Jun-16	time	2.52	3.56	4.56	5.58	6.58	7.60	8.60	9.66	10.72	11.82		13.12	2 / 6			
reaction time	0.156	interval	7 steps	1.04	1.00	1.02	1.00	1.02	1.00	1.06	1.06	1.10	1.30			3.06	3.02	3.22
wind	-0.4 m/s	velocity	5.16	8.17	8.50	8.33	8.50	8.33	8.50	8.02	8.02	7.73	8.08	7.62		8.33	8.44	7.92

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Japanese National Championships (Osaka, JPN) — *(2017) - tfdata-store.com/2017/07/19/post-1068/*

date	25-Jun-17	time	2.61	3.65	4.66	5.67	6.67	7.69	8.72	9.76	10.82	11.90		13.12	5 / 1			
reaction time	0.163	interval		1.04	1.01	1.01	1.00	1.02	1.03	1.04	1.06	1.08	1.22			3.06	3.05	3.18
wind	0.4 m/s	velocity	4.98	8.17	8.42	8.42	8.50	8.33	8.25	8.17	8.02	7.87	8.61	7.62		8.33	8.36	8.02

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Pan American Games (Lima, PER) (TV Analysis) — *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	08-Aug-19	time	2.50	3.58	4.62	5.64	6.65	7.66	8.67	9.71	10.72	11.81		13.12	7 / 5			

reaction time	0.164	interval		1.08	1.04	1.02	1.01	1.01	1.01	1.04	1.01	1.09	1.31			3.14	3.03	3.14
wind	0.1 m/s	velocity	5.20	7.87	8.17	8.33	8.42	8.42	8.42	8.17	8.42	7.80	8.02	7.62		8.12	8.42	8.12

Roleder, Cindy (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Sep-19 time	2.63	3.67	4.70	5.70	6.70	7.70	8.74	9.77	10.81	11.87		13.12	1 / 6			
reaction time 0.125 interval		1.04	1.03	1.00	1.00	1.00	1.04	1.03	1.04	1.06	1.25			3.07	3.04	3.13
wind 0.0 m/s velocity	4.94	8.17	8.25	8.50	8.50	8.50	8.17	8.25	8.17	8.02	8.40	7.62		8.31	8.39	8.15

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Sep-19 time	2.63	3.70	4.72	5.72	6.74	7.74	8.77	9.79	10.82	11.87		13.12	7 / 7			
reaction time 0.119 interval		1.07	1.02	1.00	1.02	1.00	1.03	1.02	1.03	1.05	1.25			3.09	3.05	3.10
wind 0.0 m/s velocity	4.94	7.94	8.33	8.50	8.33	8.50	8.25	8.33	8.25	8.10	8.40	7.62		8.25	8.36	8.23

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20 time	2.69	3.73	4.74	5.76	6.76	7.77	8.79	9.84	10.89	11.99		13.12	/ 4			
reaction time interval		1.04	1.01	1.02	1.00	1.01	1.02	1.05	1.05	1.10	1.13			3.07	3.03	3.20
wind 2.1 m/s velocity	4.83	8.17	8.42	8.33	8.50	8.42	8.33	8.10	8.10	7.73	8.89	7.62		8.31	8.42	7.97

Atherley, Michelle (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22 time	2.63	3.70	4.73	5.73	6.75	7.77	8.78	9.78	10.81	11.91		13.12	4 / 1			
reaction time 0.111 interval		1.07	1.03	1.00	1.02	1.02	1.01	1.00	1.03	1.10	1.21			3.10	3.05	3.13
wind 0.7 m/s velocity	4.94	7.94	8.25	8.50	8.33	8.33	8.42	8.50	8.25	7.73	8.31	7.62		8.23	8.36	8.15

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.50	3.53	4.55	5.57	6.63	7.66	8.66	9.70	10.83	11.90		13.12	7 / 5			
reaction time 0.137 interval		1.03	1.02	1.02	1.06	1.03	1.00	1.04	1.13	1.07	1.22			3.07	3.09	3.24
wind 1.5 m/s velocity	5.20	8.25	8.33	8.33	8.02	8.25	8.50	8.17	7.52	7.94	8.24	7.62		8.31	8.25	7.87

Vargas, Andrea Carolina (CRC) (199

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 23-Jul-22 time	2.56	3.66	4.70	5.72	6.72	7.74	8.76	9.83	10.86	11.93		13.12	5 / 3			
reaction time 0.122 interval		1.10	1.04	1.02	1.00	1.02	1.02	1.07	1.03	1.07	1.19			3.16	3.04	3.17
wind 0.7 m/s velocity	5.08	7.73	8.17	8.33	8.50	8.33	8.33	7.94	8.25	7.94	8.45	7.62		8.07	8.39	8.04

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 22-Aug-23 time	2.68	3.72	4.74	5.73	6.74	7.76	8.80	9.81	10.90	11.97		13.12	6 / 7			
reaction time 0.196 interval		1.04	1.02	0.99	1.01	1.02	1.04	1.01	1.09	1.07	1.15			3.05	3.07	3.17
wind 0.4 m/s velocity	4.85	8.17	8.33	8.59	8.42	8.33	8.17	8.42	7.80	7.94	8.74	7.62		8.36	8.31	8.04

Fiadanantsoa, Sidonie (MAD) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.47	3.52	4.53	5.53	6.54	7.55	8.57	9.63	10.70	11.81		13.12	7 / 6			
reaction time 0.144 interval		1.05	1.01	1.00	1.01	1.01	1.02	1.06	1.07	1.11	1.31			3.06	3.04	3.24
wind -0.2 m/s velocity	5.26	8.10	8.42	8.50	8.42	8.42	8.33	8.02	7.94	7.66	7.67	7.62		8.33	8.39	7.87

Caicedo, Maribel (ECU) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL) (TV Analysis)													*Henson (2025) - Athlete First: 2025 year end hurdle report*			
date 02-May-25 time	2.64	3.70	4.72	5.74	6.74	7.76	8.78	9.82	10.88	11.96		13.12	2 / 7			
reaction time 0.160 interval		1.06	1.02	1.02	1.00	1.02	1.02	1.04	1.06	1.08	1.16			3.10	3.04	3.18
wind 2.0 m/s velocity	4.92	8.02	8.33	8.33	8.50	8.33	8.33	8.17	8.02	7.87	8.66	7.62		8.23	8.39	8.02

Gunnell, Sally (GBR) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88 time	2.72	3.81	4.87	5.91	6.95	7.95	8.97	9.99	11.01	12.04		13.13	2 / 6			
reaction time 0.182 interval		1.09	1.06	1.04	1.04	1.00	1.02	1.02	1.02	1.03	1.09			3.19	3.06	3.07
wind 0.4 m/s velocity	4.78	7.80	8.02	8.17	8.17	8.50	8.33	8.33	8.33	8.25	9.63	7.62		7.99	8.33	8.31

Luo Bin (CHN) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 Chinese National Games (Beijing, CHN)													*Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*			
date 09-Sep-93 time	2.51	3.53	4.53	5.49	6.47	7.45	8.47	9.51	10.57	11.77		13.13	/ 5			
reaction time interval		1.02	1.00	0.96	0.98	0.98	1.02	1.04	1.06	1.20	1.36			2.98	2.98	3.30
wind 0.1 m/s velocity	5.18	8.33	8.50	8.85	8.67	8.67	8.33	8.17	8.02	7.08	7.72	7.62		8.56	8.56	7.73

Davis, Candice (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 23-Sep-08 time	2.57	3.62	4.63	5.63	6.63	7.66	8.69	9.72	10.77	11.84		13.13	/ 2			
reaction time interval		1.05	1.01	1.00	1.00	1.03	1.03	1.03	1.05	1.07	1.29			3.06	3.06	3.15

wind	0.1 m/s	velocity	5.06	8.10	8.42	8.50	8.50	8.25	8.25	8.25	8.10	7.94	8.14	7.62		8.33	8.33	8.10

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 10-May-15 time	2.63	3.68	4.69	5.71	6.74	7.74	8.78	9.82	10.87	11.93		13.13	2 / 6			
reaction time 0.172 interval		1.05	1.01	1.02	1.03	1.00	1.04	1.04	1.05	1.06	1.20			3.08	3.07	3.15
wind 0.9 m/s velocity	4.94	8.10	8.42	8.33	8.25	8.50	8.17	8.17	8.10	8.02	8.75	7.62		8.28	8.31	8.10

Barber, Jade (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17 time	2.64	3.71	4.77	5.81	6.84	7.87	8.89	9.88	10.94	12.00		13.13	5 / 1			
reaction time interval		1.07	1.06	1.04	1.03	1.03	1.02	0.99	1.06	1.06	1.13			3.17	3.08	3.11
wind 2.0 m/s velocity	4.92	7.94	8.02	8.17	8.25	8.25	8.33	8.59	8.02	8.02	9.29	7.62		8.04	8.28	8.20

Simmonds, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 05-May-17 time	2.52	3.52	4.56	5.60	6.60	7.62	8.66	9.72	10.80	11.88		13.13	8 / 5			
reaction time 0.185 interval		1.00	1.04	1.04	1.00	1.02	1.04	1.06	1.08	1.08	1.25			3.08	3.06	3.22
wind -2.3 m/s velocity	5.16	8.50	8.17	8.17	8.50	8.33	8.17	8.02	7.87	7.87	8.40	7.62		8.28	8.33	7.92

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)													*(2017) - tfdata-store.com/2017/06/04/post-848/*			
date 04-Jun-17 time	2.65	3.70	4.74	5.76	6.80	7.82	8.84	9.89	10.95	12.00		13.13	8 / 2			
reaction time interval		1.05	1.04	1.02	1.04	1.02	1.02	1.05	1.06	1.05	1.13			3.11	3.08	3.16
wind 3.7 m/s velocity	4.91	8.10	8.17	8.33	8.17	8.33	8.33	8.10	8.02	8.10	9.29	7.62		8.20	8.28	8.07

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 20-May-18 time	2.62	3.65	4.68	5.68	6.70	7.72	8.76	9.79	10.86	11.92		13.13	8 / 2			
reaction time 0.152 interval		1.03	1.03	1.00	1.02	1.02	1.04	1.03	1.07	1.06	1.21			3.06	3.08	3.16
wind -0.6 m/s velocity	4.96	8.25	8.25	8.50	8.33	8.33	8.17	8.25	7.94	8.02	8.68	7.62		8.33	8.28	8.07

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.70	3.75	4.80	5.83	6.83	7.86	8.88	9.89	10.93	11.96		13.13	5 / 1			
reaction time 0.140 interval		1.05	1.05	1.03	1.00	1.03	1.02	1.01	1.04	1.03	1.17			3.13	3.05	3.08
wind 2.5 m/s velocity	4.81	8.10	8.10	8.25	8.50	8.25	8.33	8.42	8.17	8.25	8.97	7.62		8.15	8.36	8.28

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 24-Apr-19 time	2.56	3.61	4.63	5.64	6.65	7.68	8.71	9.76	10.82	11.89		13.13	4 / 1			
reaction time 0.148 interval		1.05	1.02	1.01	1.01	1.03	1.03	1.05	1.06	1.07	1.24			3.08	3.07	3.18
wind 1.3 m/s velocity	5.08	8.10	8.33	8.42	8.42	8.25	8.25	8.10	8.02	7.94	8.47	7.62		8.28	8.31	8.02

McReynolds, Tiffani (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19 time	2.53	3.56	4.60	5.63	6.63	7.66	8.73	9.77	10.83	11.87		13.13	3 / 7			
reaction time 0.167 interval		1.03	1.04	1.03	1.00	1.03	1.07	1.04	1.06	1.04	1.26			3.10	3.10	3.14
wind 0.1 m/s velocity	5.14	8.25	8.17	8.25	8.50	8.25	7.94	8.17	8.02	8.17	8.33	7.62		8.23	8.23	8.12

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 23-Aug-20 time	2.57	3.63	4.67	5.70	6.73	7.73	8.77	9.77	10.86	11.93		13.13	3 / 3			
reaction time 0.145 interval		1.06	1.04	1.03	1.03	1.00	1.04	1.00	1.09	1.07	1.20	NR PB		3.13	3.07	3.16
wind 1.4 m/s velocity	5.06	8.02	8.17	8.25	8.25	8.50	8.17	8.50	7.80	7.94	8.37	7.62		8.15	8.31	8.07

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.62	3.67	4.70	5.72	6.73	7.75	8.77	9.80	10.86	11.93		13.13	6 / 1			
reaction time 0.152 interval		1.05	1.03	1.02	1.01	1.02	1.02	1.03	1.06	1.07	1.20			3.10	3.05	3.16
wind 0.0 m/s velocity	4.96	8.10	8.25	8.33	8.42	8.33	8.33	8.25	8.02	7.94	8.37	7.62		8.23	8.36	8.07

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21 time	2.60	3.64	4.67	5.69	6.71	7.72	8.76	9.81	10.86	11.96		13.13	5 / 2			
reaction time 0.178 interval		1.04	1.03	1.02	1.02	1.01	1.04	1.05	1.05	1.10	1.17	PB		3.09	3.07	3.20
wind -0.8 m/s velocity	5.00	8.17	8.25	8.33	8.33	8.42	8.17	8.10	8.10	7.73	8.59	7.62		8.25	8.31	7.97

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Seiko Golden Grand Prix (Yokohama, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 21-May-23 time	2.67	3.73	4.78	5.80	6.82	7.84	8.85	9.89	10.93	12.00		13.13	1 / 9			
reaction time 0.151 interval		1.06	1.05	1.02	1.02	1.02	1.01	1.04	1.04	1.07	1.13	PB		3.13	3.05	3.15
wind 0.4 m/s velocity	4.87	8.02	8.10	8.33	8.33	8.33	8.42	8.17	8.17	7.94	8.89	7.62		8.15	8.36	8.10

Shaw, Danielle (AUS) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)																
Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season																
date 29-Apr-24	time	2.64	3.68	4.70	5.71	6.72	7.72	8.76	9.78	10.85	11.92		13.13	6 / 3			
reaction time 0.153	interval		1.04	1.02	1.01	1.01	1.00	1.04	1.02	1.07	1.07	1.21			3.07	3.05	3.16
wind -0.1 m/s	velocity	4.92	8.17	8.33	8.42	8.42	8.50	8.17	8.33	7.94	7.94	8.31	7.62		8.31	8.36	8.07

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 2 - 2024 Olympic Games (Paris, FRA)																
Paris 2024 Olympic Games - Results Book (2024)																
date 08-Aug-24	time	2.48	3.56	4.61	5.63	6.65	7.66	8.69	9.72	10.77	11.82		13.13	5 / 6			
reaction time 0.150	interval		1.08	1.05	1.02	1.02	1.01	1.03	1.03	1.05	1.05	1.31			3.15	3.06	3.13
wind 0.4 m/s	velocity	5.24	7.87	8.10	8.33	8.33	8.42	8.25	8.25	8.10	8.10	7.67	7.62		8.10	8.33	8.15

López, Aliuska (CUB) (1969)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 IAAF World Junor Championships (Athens, GRE)																
Miskos (1986) - IAAF biomechanical research - Athens 1986 - hurdle races																
date 19-Jul-86	time	2.65	3.70	4.72	5.74	6.78	7.81	8.85	9.87	10.90	11.95		13.14	/ 2			
reaction time	interval		1.05	1.02	1.02	1.04	1.03	1.04	1.02	1.03	1.05	1.19			3.09	3.11	3.10
wind -0.7 m/s	velocity	4.91	8.10	8.33	8.33	8.17	8.25	8.17	8.33	8.25	8.10	8.82	7.61		8.25	8.20	8.23

Ewanjé-Epée, Monique (FRA) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)																
Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988																
date 30-Sep-88	time	2.61	3.69	4.82	5.84	6.86	7.88	8.90	9.90	10.94	11.98		13.14	7 / 7			
reaction time 0.161	interval		1.08	1.13	1.02	1.02	1.02	1.02	1.00	1.04	1.04	1.16			3.23	3.06	3.08
wind 0.2 m/s	velocity	4.98	7.87	7.52	8.33	8.33	8.33	8.33	8.50	8.17	8.17	9.05	7.61		7.89	8.33	8.28

Laukhova, Svetlana (RUS) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)																
Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas																
date 21-Sep-02	time	2.52	3.54	4.56	5.57	6.58	7.58	8.60	9.62	10.67	11.72		13.14	2 / 6			
reaction time 0.138	interval		1.02	1.02	1.01	1.01	1.00	1.02	1.02	1.05	1.05	1.42			3.05	3.03	3.12
wind 1.5 m/s	velocity	5.16	8.33	8.33	8.42	8.42	8.50	8.33	8.33	8.10	8.10	7.39	7.61		8.36	8.42	8.17

Funck, Annette (GER) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 European Cup (Munich, GER)																
Graubner (2007) - http://www.fgs.uni-halle.de																
date 24-Jun-07	time	2.60	3.63	4.66	5.68	6.69	7.73	8.77	9.83	10.89	11.96		13.14	/ 4			
reaction time 0.111	interval		1.03	1.03	1.02	1.01	1.04	1.04	1.06	1.06	1.07	1.18			3.08	3.09	3.19
wind 0.9 m/s	velocity	5.00	8.25	8.25	8.33	8.42	8.17	8.17	8.02	8.02	7.94	8.90	7.61		8.28	8.25	7.99

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bislett Games (Oslo, NOR) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date 09-Jun-16	time	2.54	3.56	4.60	5.62	6.64	7.66	8.68	9.72	10.80	11.86		13.14	1 / 7			
reaction time 0.116	interval		1.02	1.04	1.02	1.02	1.02	1.02	1.04	1.08	1.06	1.28			3.08	3.06	3.18
wind -0.4 m/s	velocity	5.12	8.33	8.17	8.33	8.33	8.33	8.33	8.17	7.87	8.02	8.20	7.61		8.28	8.33	8.02

George, Phylicia (CAN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)																
Henson (2020) - Athlete First: 2017 year end hurdle report																
date 05-May-17	time	2.60	3.66	4.70	5.70	6.70	7.72	8.74	9.78	10.82	11.90		13.14	1 / 6			
reaction time 0.162	interval		1.06	1.04	1.00	1.00	1.02	1.02	1.04	1.04	1.08	1.24			3.10	3.04	3.16
wind -2.3 m/s	velocity	5.00	8.02	8.17	8.50	8.50	8.33	8.33	8.17	8.17	7.87	8.47	7.61		8.23	8.39	8.07

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2017 IAAF World Championships (London, GBR)																
Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles																
date 11-Aug-17	time	2.47	3.53	4.60	5.64	6.68	7.69	8.75	9.77	10.79	11.83		13.14	4 / 5			
reaction time 0.121	interval		1.06	1.07	1.04	1.04	1.01	1.06	1.02	1.02	1.04	1.31			3.17	3.11	3.08
wind 0.5 m/s	velocity	5.26	8.02	7.94	8.17	8.17	8.42	8.02	8.33	8.33	8.17	8.02	7.61		8.04	8.20	8.28

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)																
Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad																
date 29-Apr-18	time	2.67	3.74	4.77	5.80	6.82	7.82	8.85	9.89	10.92	11.98		13.14	1 / 2			
reaction time	interval		1.07	1.03	1.03	1.02	1.00	1.03	1.04	1.03	1.06	1.16			3.13	3.05	3.13
wind 3.6 m/s	velocity	4.87	7.94	8.25	8.25	8.33	8.50	8.25	8.17	8.25	8.02	9.05	7.61		8.15	8.36	8.15

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)																
Yamanaka (2019) - research on athlete performance and technique- 2019 data book																
date 29-Jun-19	time	2.60	3.63	4.65	5.68	6.69	7.71	8.74	9.78	10.84	11.92		13.14	7 / 1			
reaction time 0.150	interval		1.03	1.02	1.03	1.01	1.02	1.03	1.04	1.06	1.08	1.22			3.08	3.06	3.18
wind 0.6 m/s	velocity	5.00	8.25	8.33	8.25	8.42	8.33	8.25	8.17	8.02	7.87	8.61	7.61		8.28	8.33	8.02

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)																
Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers																
date 29-Aug-20	time	2.67	3.72	4.75	5.77	6.78	7.80	8.82	9.86	10.91	11.97		13.14	/ 5			
reaction time	interval		1.05	1.03	1.02	1.01	1.02	1.02	1.04	1.05	1.06	1.17			3.10	3.05	3.15
wind 2.1 m/s	velocity	4.87	8.10	8.25	8.33	8.42	8.33	8.33	8.17	8.10	8.02	8.59	7.61		8.23	8.36	8.10

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 03-Oct-20 time	2.62	3.68	4.71	5.72	6.74	7.77	8.79	9.83	10.88	11.96		13.14	4 / 2			
reaction time 0.154 interval		1.06	1.03	1.01	1.02	1.03	1.02	1.04	1.05	1.08	1.18			3.10	3.07	3.17
wind -0.1 m/s velocity	4.96	8.02	8.25	8.42	8.33	8.25	8.33	8.17	8.10	7.87	8.52	7.61		8.23	8.31	8.04

Rothwell, Cha'mia (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 12-Jun-21 time	2.60	3.64	4.70	5.74	6.77	7.77	8.77	9.80	10.84	11.91		13.14	8 / 7			
reaction time 0.175 interval		1.04	1.06	1.04	1.03	1.00	1.00	1.03	1.04	1.07	1.23			3.14	3.03	3.14
wind 0.4 m/s velocity	5.00	8.17	8.02	8.17	8.25	8.50	8.50	8.25	8.17	7.94	8.17	7.61		8.12	8.42	8.12

Robinson, TeJyrica (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 13-Jul-21 time	2.50	3.57	4.57	5.59	6.57	7.59	8.64	9.71	10.77	11.84		13.14	2 / 6			
reaction time 0.147 interval		1.07	1.00	1.02	0.98	1.02	1.05	1.07	1.06	1.07	1.30			3.09	3.05	3.20
wind 1.5 m/s velocity	5.20	7.94	8.50	8.33	8.67	8.33	8.10	7.94	8.02	7.94	7.73	7.61		8.25	8.36	7.97

Bougard, Erica (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.70	3.78	4.82	5.83	6.83	7.83	8.83	9.83	10.86	11.94		13.14	2 / 4			
reaction time 0.176 interval		1.08	1.04	1.01	1.00	1.00	1.00	1.00	1.03	1.08	1.20			3.13	3.00	3.11
wind -0.8 m/s velocity	4.81	7.87	8.17	8.42	8.50	8.50	8.50	8.50	8.25	7.87	8.37	7.61		8.15	8.50	8.20

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23 time	2.70	3.75	4.79	5.80	6.81	7.81	8.84	9.88	10.94	12.03		13.14	7 / 4			
reaction time 0.172 interval		1.05	1.04	1.01	1.01	1.00	1.03	1.04	1.06	1.09	1.11	PB		3.10	3.04	3.19
wind 0.7 m/s velocity	4.81	8.10	8.17	8.42	8.42	8.50	8.25	8.17	8.02	7.80	9.05	7.61		8.23	8.39	7.99

Covington, Jaiya (USA) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.65	3.70	4.73	5.76	6.80	7.83	8.87	9.90	10.93	11.98		13.14	7 / 6			
reaction time interval		1.05	1.03	1.03	1.04	1.03	1.04	1.03	1.03	1.05	1.16			3.11	3.11	3.11
wind 1.7 m/s velocity	4.91	8.10	8.25	8.25	8.17	8.25	8.17	8.25	8.25	8.10	8.66	7.61		8.20	8.20	8.20

Lebedeva, Natalya (URS) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 1979 VII USSR Spartakiade (Moscow, URS)													*Balachničiv (1981) - Periodisierung & Zyklisierung des Trainings 78/79 von Hürdenlauferinnen der Spitzenklasse UdSSR*			
date 25-Jul-79 time	2.58	3.66	4.74	5.81	6.80	7.77	8.78	9.85	10.90	11.96		13.15	/ 4			
reaction time interval		1.08	1.08	1.07	0.99	0.97	1.01	1.07	1.05	1.06	1.19			3.23	2.97	3.18
wind ??? velocity	5.04	7.87	7.87	7.94	8.59	8.76	8.42	7.94	8.10	8.02	8.82	7.60		7.89	8.59	8.02

Piquereau, Anne (FRA) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1987 European Cup (Prague, TCH)													*Sušanka (1987) - hints on computer processing of biomechanical data*			
date 28-Jun-87 time	2.68	3.72	4.76	5.79	6.80	7.84	8.87	9.88	10.96	12.04		13.15	3 / 5			
reaction time interval		1.04	1.04	1.03	1.01	1.04	1.03	1.01	1.08	1.08	1.11			3.11	3.08	3.17
wind -0.9m/s velocity	4.85	8.17	8.17	8.25	8.42	8.17	8.25	8.42	7.87	7.87	9.46	7.60		8.20	8.28	8.04

Baumann, Julie (SUI) (1964)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date 23-Aug-98 time	2.57	3.61	4.66	5.71	6.70	7.74	8.75	9.77	10.79	11.85		13.15	2 / 7			
reaction time interval		1.04	1.05	1.05	0.99	1.04	1.01	1.02	1.02	1.06	1.30			3.14	3.04	3.10
wind 1.5 m/s velocity	5.06	8.17	8.10	8.10	8.59	8.17	8.42	8.33	8.33	8.02	8.08	7.60		8.12	8.39	8.23

Bolm, Kirsten (GER) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 European Cup (Bremen, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 24-Jun-01 time	2.71	3.77	4.81	5.83	6.85	7.86	8.88	9.92	10.95	12.03		13.15	/ 3			
reaction time 0.113 interval		1.06	1.04	1.02	1.02	1.01	1.02	1.04	1.03	1.08	1.12			3.12	3.05	3.15
wind 0.6 m/s velocity	4.80	8.02	8.17	8.33	8.33	8.42	8.33	8.17	8.25	7.87	9.37	7.60		8.17	8.36	8.10

Bolm, Kirsten (GER) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)													*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date 21-Sep-02 time	2.53	3.55	4.57	5.57	6.59	7.59	8.61	9.66	10.74	11.80		13.15	4 / 7			
reaction time 0.149 interval		1.02	1.02	1.00	1.02	1.00	1.02	1.05	1.08	1.06	1.35			3.04	3.04	3.19
wind 1.5 m/s velocity	5.14	8.33	8.33	8.50	8.33	8.50	8.33	8.10	7.87	8.02	7.78	7.60		8.39	8.39	7.99

Redoúmi, Flóra (GRE) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 European Cup (Munich, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 24-Jun-07 time	2.72	3.76	4.78	5.81	6.81	7.83	8.84	9.87	10.92	11.98		13.15	/ 5			
reaction time 0.222 interval		1.04	1.02	1.03	1.00	1.02	1.01	1.03	1.05	1.06	1.17			3.09	3.03	3.14
wind 0.9 m/s velocity	4.78	8.17	8.33	8.25	8.50	8.33	8.42	8.25	8.10	8.02	8.97	7.60		8.25	8.42	8.12

Ishino, Mami (JPN) (1983)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	26-Jun-09	time	2.48	3.55	4.57	5.58	6.60	7.62	8.65	9.69	10.75	11.83		13.15	5 / 2			
reaction time		interval		1.07	1.02	1.01	1.02	1.02	1.03	1.04	1.06	1.08	1.32	PB		3.10	3.07	3.18
wind	1.9 m/s	velocity	5.24	7.94	8.33	8.42	8.33	8.33	8.25	8.17	8.02	7.87	7.95	7.60		8.23	8.31	8.02

Fountain, Hyleas (USA) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Seiko Super Grand Prix (Kawasaki, JPN)																
Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season																
date	23-Sep-09	time	2.48	3.55	4.57	5.59	6.61	7.63	8.67	9.71	10.77	11.84		13.15	/ 2			
reaction time		interval		1.07	1.02	1.02	1.02	1.02	1.04	1.04	1.06	1.07	1.31			3.11	3.08	3.17
wind	0.3 m/s	velocity	5.24	7.94	8.33	8.33	8.33	8.33	8.17	8.17	8.02	7.94	8.02	7.60		8.20	8.28	8.04

Koudelová, Lucie (CZE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)																
Feher (2014) - Final report from the Czech Republic national championships																
date	02-Aug-14	time	2.68	3.72	4.78	5.79	6.80	7.81	8.82	9.87	10.90	11.96		13.15	5 / 2			
reaction time	0.141	interval		1.04	1.06	1.01	1.01	1.01	1.01	1.05	1.03	1.06	1.19	PB		3.11	3.03	3.14
wind	0.4 m/s	velocity	4.85	8.17	8.02	8.42	8.42	8.42	8.42	8.10	8.25	8.02	8.82	7.60		8.20	8.42	8.12

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date	16-Jun-16	time	2.57	3.60	4.60	5.60	6.62	7.64	8.67	9.71	10.77	11.84		13.15	8 / 6			
reaction time	0.190	interval	7 steps	1.03	1.00	1.00	1.02	1.02	1.03	1.04	1.06	1.07	1.31			3.03	3.07	3.17
wind	-0.4 m/s	velocity	5.06	8.25	8.50	8.50	8.33	8.33	8.25	8.17	8.02	7.94	8.02	7.60		8.42	8.31	8.04

Simmonds, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Athletissime (Luasanne, SUI) (TV Analysis)																
Henson (2020) - Athlete First: 2016 year end hurdle report																
date	25-Aug-16	time	2.48	3.52	4.52	5.50	6.52	7.54	8.58	9.64	10.74	11.88		13.15	2 / 7			
reaction time	0.174	interval		1.04	1.00	0.98	1.02	1.02	1.04	1.06	1.10	1.14	1.27			3.02	3.08	3.30
wind	0.7 m/s	velocity	5.24	8.17	8.50	8.67	8.33	8.33	8.17	8.02	7.73	7.46	8.27	7.60		8.44	8.28	7.73

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)																
Yamanaka (2019) - research on athlete performance and technique- 2019 data book																
date	29-Jun-19	time	2.62	3.65	4.68	5.71	6.74	7.77	8.81	9.86	10.92	11.99		13.15	6 / 2			
reaction time	0.123	interval		1.03	1.03	1.03	1.03	1.03	1.04	1.05	1.06	1.07	1.16	PB		3.09	3.10	3.18
wind	0.6 m/s	velocity	4.96	8.25	8.25	8.25	8.25	8.25	8.17	8.10	8.02	7.94	9.05	7.60		8.25	8.23	8.02

Britton, Evonne (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis)																
Henson (2020) - Athlete First: 2019 year end hurdle report																
date	20-Jul-19	time	2.48	3.52	4.56	5.58	6.56	7.56	8.58	9.62	10.72	11.82		13.15	8 / 8			
reaction time	0.133	interval		1.04	1.04	1.02	0.98	1.00	1.02	1.04	1.10	1.10	1.33			3.10	3.00	3.24
wind	0.8 m/s	velocity	5.24	8.17	8.17	8.33	8.67	8.50	8.33	8.17	7.73	7.73	7.89	7.60		8.23	8.50	7.87

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)																
Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps																
date	01-Sep-19	time	2.59	3.62	4.65	5.67	6.68	7.70	8.72	9.80	10.87	11.95		13.15	6 / 2			
reaction time		interval		1.03	1.03	1.02	1.01	1.02	1.02	1.08	1.07	1.08	1.20			3.08	3.05	3.23
wind	1.2 m/s	velocity	5.02	8.25	8.25	8.33	8.42	8.33	8.33	7.87	7.94	7.87	8.75	7.60		8.28	8.36	7.89

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)																
Henson (2020) - Athlete First: 2020 year end hurdle report																
date	14-Aug-20	time	2.56	3.63	4.66	5.70	6.70	7.70	8.73	9.76	10.80	11.83		13.15	5 / 4			
reaction time	0.131	interval		1.07	1.03	1.04	1.00	1.00	1.03	1.03	1.04	1.03	1.32			3.14	3.03	3.10
wind	1.0 m/s	velocity	5.08	7.94	8.25	8.17	8.50	8.50	8.25	8.25	8.17	8.25	7.61	7.60		8.12	8.42	8.23

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)																
Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season																
date	01-Jun-21	time	2.70	3.76	4.79	5.82	6.82	7.84	8.87	9.91	10.97	12.02		13.15	7 / 2			
reaction time	0.199	interval		1.06	1.03	1.03	1.00	1.02	1.03	1.04	1.06	1.05	1.13	=PB		3.12	3.05	3.15
wind	0.3 m/s	velocity	4.81	8.02	8.25	8.25	8.50	8.33	8.25	8.17	8.02	8.10	8.89	7.60		8.17	8.36	8.10

Errandonea, Teresa (ESP) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																
Henson (2024) - Athlete First: 2021 year end hurdle report																
date	31-Jul-21	time	2.61	3.66	4.66	5.66	6.67	7.72	8.76	9.81	10.85	11.95		13.15	2 / 6			
reaction time		interval		1.05	1.00	1.00	1.01	1.05	1.04	1.05	1.04	1.10	1.20			3.05	3.10	3.19
wind	-1.1 m/s	velocity	4.98	8.10	8.50	8.50	8.42	8.10	8.17	8.10	8.17	7.73	8.37	7.60		8.36	8.23	7.99

Samba-Mayela, Cyréna (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																
date	23-Jul-22	time	2.50	3.56	4.56	5.56	6.60	7.64	8.70	9.74	10.80	11.90		13.15	2 / 4			
reaction time	0.108	interval		1.06	1.00	1.00	1.04	1.04	1.06	1.04	1.06	1.10	1.25			3.06	3.14	3.20
wind	-0.4 m/s	velocity	5.20	8.02	8.50	8.50	8.17	8.17	8.02	8.17	8.02	7.73	8.04	7.60		8.33	8.12	7.97

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																
Henson (2022) - Athlete First: 2022 year end hurdle report																

date	24-Jul-22	time	2.53	3.60	4.60	5.60	6.60	7.60	8.62	9.63	10.70	11.82		13.15	2 / 8			
reaction time	0.113	interval		1.07	1.00	1.00	1.00	1.00	1.02	1.01	1.07	1.12	1.33			3.07	3.02	3.20
wind	0.3 m/s	velocity	5.14	7.94	8.50	8.50	8.50	8.50	8.33	8.42	7.94	7.59	7.56	7.60		8.31	8.44	7.97

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	27-May-23	time	2.67	3.73	4.80	5.82	6.86	7.86	8.88	9.92	10.95	11.99		13.15	5 / 1			
reaction time	0.159	interval		1.06	1.07	1.02	1.04	1.00	1.02	1.04	1.03	1.04	1.16			3.15	3.06	3.11
wind	-1.2 m/s	velocity	4.87	8.02	7.94	8.33	8.17	8.50	8.33	8.17	8.25	8.17	8.66	7.60		8.10	8.33	8.20

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2023 World Athletics Championships (Budapest, HUN) *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	22-Aug-23	time	2.62	3.67	4.71	5.73	6.75	7.77	8.80	9.85	10.90	11.99		13.15	1 / 6			
reaction time	0.153	interval		1.05	1.04	1.02	1.02	1.02	1.03	1.05	1.05	1.09	1.16			3.11	3.07	3.19
wind	0.0 m/s	velocity	4.96	8.10	8.17	8.33	8.33	8.33	8.25	8.10	8.10	7.80	8.66	7.60		8.20	8.31	7.99

Christofi, Natalia (CYP) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	23-Aug-23	time	2.60	3.64	4.64	5.64	6.64	7.67	8.68	9.72	10.76	11.82		13.15	9 / 8			
reaction time	0.155	interval		1.04	1.00	1.00	1.00	1.03	1.01	1.04	1.04	1.06	1.33			3.04	3.04	3.14
wind	0.5 m/s	velocity	5.00	8.17	8.50	8.50	8.50	8.25	8.42	8.17	8.17	8.02	7.56	7.60		8.39	8.39	8.12

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Yangtze River Delta Athletics Diamond Gala (Suzhou, CHN) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	27-Apr-24	time	2.64	3.67	4.71	5.71	6.74	7.74	8.76	9.78	10.84	11.91		13.15	9 / ~~9~~ 8			
reaction time	0.166	interval		1.03	1.04	1.00	1.03	1.00	1.02	1.02	1.06	1.07	1.24			3.07	3.05	3.15
wind	0.3 m/s	velocity	4.92	8.25	8.17	8.50	8.25	8.50	8.33	8.33	8.02	7.94	8.10	7.60		8.31	8.36	8.10

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	12-May-24	time	2.59	3.67	4.70	5.69	6.71	7.73	8.75	9.80	10.87	11.97		13.15	7 / 5			
reaction time	0.131	interval		1.08	1.03	0.99	1.02	1.02	1.02	1.05	1.07	1.10	1.18			3.10	3.06	3.22
wind	0.2 m/s	velocity	5.02	7.87	8.25	8.59	8.33	8.33	8.33	8.10	7.94	7.73	8.52	7.60		8.23	8.33	7.92

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Japanese National Championsips (Niigata, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	30-Jun-24	time	2.63	3.67	4.69	5.71	6.74	7.77	8.80	9.84	10.90	11.98		13.15	6 / 4			
reaction time	0.166	interval		1.04	1.02	1.02	1.03	1.03	1.03	1.04	1.06	1.08	1.17			3.08	3.09	3.18
wind	-0.2 m/s	velocity	4.94	8.17	8.33	8.33	8.25	8.25	8.25	8.17	8.02	7.87	8.59	7.60		8.28	8.25	8.02

Araujo, Martha (COL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.52	3.60	4.63	5.64	6.65	7.67	8.70	9.74	10.78	11.84		13.15	5 / 4			
reaction time	0.160	interval		1.08	1.03	1.01	1.01	1.02	1.03	1.04	1.04	1.06	1.31			3.12	3.06	3.14
wind	-0.1 m/s	velocity	5.16	7.87	8.25	8.42	8.42	8.33	8.25	8.17	8.17	8.02	7.67	7.60		8.17	8.33	8.12

Majewska, Marika (POL) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL) *Omega Timing (2024) - diamond league race analysis*

date	25-Aug-24	time	2.55	3.61	4.64	5.65	6.65	7.64	8.65	9.69	10.76	11.84		13.15	9 / 6			
reaction time	0.155	interval		1.06	1.03	1.01	1.00	0.99	1.01	1.04	1.07	1.08	1.31			3.10	3.00	3.19
wind	-0.3 m/s	velocity	5.10	8.02	8.25	8.42	8.50	8.59	8.42	8.17	7.94	7.87	7.67	7.60		8.23	8.50	7.99

Thorp, Angela (GBR) (1972)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 European Cup (Munich, GER) *Jung (2003) - http://www.fgs.uni-halle.de*

date	22-Jun-97	time	2.69	3.76	4.76	5.79	6.81	7.87	8.89	9.92	10.95	12.03		13.16	/ 3			
reaction time		interval		1.07	1.00	1.03	1.02	1.06	1.02	1.03	1.03	1.08	1.13			3.10	3.10	3.14
wind	0.7 m/s	velocity	4.83	7.94	8.50	8.25	8.33	8.02	8.33	8.25	8.25	7.87	9.29	7.60		8.23	8.23	8.12

Dektyareva, Tatyana (RUS) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Race 1 - 2011 European Team Championships (Stockholm, SWE) *Blomkvist (2011) - www.sub13.se*

date	19-Jun-11	time	2.56	3.60	4.64	5.68	6.68	7.72	8.76	9.80	10.84	11.92		13.16	/ 1			
reaction time	0.201	interval		1.04	1.04	1.04	1.00	1.04	1.04	1.04	1.04	1.08	1.24			3.12	3.08	3.16
wind	-1.0 m/s	velocity	5.08	8.17	8.17	8.17	8.50	8.17	8.17	8.17	8.17	7.87	8.47	7.60		8.17	8.28	8.07

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.55	3.61	4.63	5.66	6.70	7.73	8.75	9.76	10.80	11.85		13.16	8 / 6			
reaction time	0.129	interval		1.06	1.02	1.03	1.04	1.03	1.02	1.01	1.04	1.05	1.31			3.11	3.09	3.10
wind	0.5 m/s	velocity	5.10	8.02	8.33	8.25	8.17	8.25	8.33	8.42	8.17	8.10	8.02	7.60		8.20	8.25	8.23

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	29-Apr-18	time	2.65	3.73	4.77	5.79	6.84	7.85	8.88	9.91	10.96	12.02		13.16	4 / 3			

reaction time		interval		1.08	1.04	1.02	1.05	1.01	1.03	1.03	1.05	1.06	1.14			3.14	3.09	3.14
wind	3.6 m/s	velocity	4.91	7.87	8.17	8.33	8.10	8.42	8.25	8.25	8.10	8.02	9.21	7.60		8.12	8.25	8.12

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 29-Apr-18 time	2.64	3.68	4.72	5.73	6.76	7.80	8.83	9.85	10.91	11.99		13.16	2 / 4			
reaction time	interval		1.04	1.04	1.01	1.03	1.04	1.03	1.02	1.06	1.08	1.17			3.09	3.10	3.16
wind 3.6 m/s	velocity	4.92	8.17	8.17	8.42	8.25	8.17	8.25	8.33	8.02	7.87	8.97	7.60		8.25	8.23	8.07

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)													*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date 29-Jun-19 time	2.61	3.66	4.69	5.70	6.73	7.76	8.80	9.84	10.92	11.98		13.16	5 / 3			
reaction time 0.172	interval		1.05	1.03	1.01	1.03	1.03	1.04	1.04	1.08	1.06	1.18			3.09	3.10	3.18
wind 0.6 m/s	velocity	4.98	8.10	8.25	8.42	8.25	8.25	8.17	8.17	7.87	8.02	8.90	7.60		8.25	8.23	8.02

McReynolds, Tiffani (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 18-Aug-19 time	2.54	3.63	4.68	5.72	6.74	7.77	8.80	9.86	10.91	11.96		13.16	3 / 8			
reaction time 0.163	interval		1.09	1.05	1.04	1.02	1.03	1.03	1.06	1.05	1.05	1.20			3.18	3.08	3.16
wind -0.2 m/s	velocity	5.12	7.80	8.10	8.17	8.33	8.25	8.25	8.02	8.10	8.10	8.75	7.60		8.02	8.28	8.07

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Happy Chengdu Meeting (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 15-May-21 time	2.67	3.74	4.79	5.86	6.87	7.90	8.93	9.96	11.00	12.04		13.16	4 / 1			
reaction time 0.152	interval		1.07	1.05	1.07	1.01	1.03	1.03	1.03	1.04	1.04	1.12			3.19	3.07	3.11
wind -0.1 m/s	velocity	4.87	7.94	8.10	7.94	8.42	8.25	8.25	8.25	8.17	8.17	8.97	7.60		7.99	8.31	8.20

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21 time	2.58	3.63	4.67	5.71	6.74	7.77	8.79	9.83	10.88	11.94		13.16	3 / 2			
reaction time 0.145	interval		1.05	1.04	1.04	1.03	1.03	1.02	1.04	1.05	1.06	1.22			3.13	3.08	3.15
wind 2.2 m/s	velocity	5.04	8.10	8.17	8.17	8.25	8.25	8.33	8.17	8.10	8.02	8.24	7.60		8.15	8.28	8.10

Lavin, Sarah (IRL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.55	3.63	4.70	5.74	6.74	7.76	8.78	9.86	10.91	11.97		13.16	8 / 7			
reaction time 0.141	interval		1.08	1.07	1.04	1.00	1.02	1.02	1.08	1.05	1.06	1.19			3.19	3.04	3.19
wind 0.4 m/s	velocity	5.10	7.87	7.94	8.17	8.50	8.33	8.33	7.87	8.10	8.02	8.45	7.60		7.99	8.39	7.99

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 European Athletics Championships (Munich, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 21-Aug-22 time	2.54	3.58	4.74	5.80	6.85	7.81	8.85	9.81	10.83	11.89		13.16	3 / 8			
reaction time 0.175	interval		1.04	1.16	1.06	1.05	0.96	1.04	0.96	1.02	1.06	1.27			3.26	3.05	3.04
wind -0.1 m/s	velocity	5.12	8.17	7.33	8.02	8.10	8.85	8.17	8.85	8.33	8.02	7.91	7.60		7.82	8.36	8.39

Tjin-A-Lim, Maayke (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)													*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	2.50	3.58	4.62	5.65	6.67	7.69	8.72	9.76	10.81	11.87		13.16	2 / 7			
reaction time 0.149	interval		1.08	1.04	1.03	1.02	1.02	1.03	1.04	1.05	1.06	1.29			3.15	3.07	3.15
wind 0.2 m/s	velocity	5.20	7.87	8.17	8.25	8.33	8.33	8.25	8.17	8.10	8.02	7.79	7.60		8.10	8.31	8.10

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.57	3.64	4.67	5.71	6.72	7.73	8.76	9.81	10.85	11.93		13.16	5 / 5			
reaction time	interval		1.07	1.03	1.04	1.01	1.01	1.03	1.05	1.04	1.08	1.23			3.14	3.05	3.17
wind 0.1 m/s	velocity	5.06	7.94	8.25	8.17	8.42	8.42	8.25	8.10	8.17	7.87	8.17	7.60		8.12	8.36	8.04

Yarraji, Jyothi (IND) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.57	3.65	4.67	5.69	6.70	7.72	8.74	9.77	10.82	11.88		13.16	3 / 7			
reaction time 0.168	interval 7 steps	1.08	1.02	1.02	1.01	1.02	1.02	1.03	1.05	1.06	1.28			3.12	3.05	3.14
wind 0.0 m/s	velocity	5.06	7.87	8.33	8.33	8.42	8.33	8.33	8.25	8.10	8.02	7.85	7.60		8.17	8.36	8.12

Hawkins, Chari (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.49	3.56	4.59	5.64	6.69	7.71	8.74	9.76	10.81	11.87		13.16	8 / 5			
reaction time 0.155	interval		1.07	1.03	1.05	1.05	1.02	1.03	1.02	1.05	1.06	1.29			3.15	3.10	3.13
wind -0.1 m/s	velocity	5.22	7.94	8.25	8.10	8.10	8.33	8.25	8.33	8.10	8.02	7.79	7.60		8.10	8.23	8.15

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Memorial van damme (Brussels, BEL)													*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24 time	2.64	3.67	4.70	5.70	6.72	7.74	8.77	9.80	10.86	11.94		13.16	8 / 8			
reaction time 0.165	interval		1.03	1.03	1.00	1.02	1.02	1.03	1.03	1.06	1.08	1.22			3.06	3.07	3.17

wind	0.4 m/s	velocity	4.92	8.25	8.25	8.50	8.33	8.33	8.25	8.25	8.02	7.87	8.24	7.60		8.33	8.31	8.04

Shakhamarov, Esther (ISR) (1952)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 1972 Olympic Games (Munich, FRG)															*Letzelter (1977) - Hurdensprint: geschwindigkeitsverlauf und spezielle eigenschaften*			
date	04-Sep-72	time	2.5				6.7							13.17	2 / 4			
reaction time		interval					4.2											
wind	0.0 m/s	velocity	5.26				8.10							7.59				

Gärtz, Bettine (GDR) (1958)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1981 USSR vs. GDR (Tbilisi, URS)															*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date	26-Jun-81	time	2.48	3.52	4.52	5.65	6.66	7.72	8.76	9.78	10.85	11.92		13.17	/ 4			
reaction time		interval		1.04	1.00	1.13	1.01	1.06	1.04	1.02	1.07	1.07	1.25			3.17	3.11	3.16
wind	0.0 m/s	velocity	5.24	8.17	8.50	7.52	8.42	8.02	8.17	8.33	7.94	7.94	8.40	7.59		8.04	8.20	8.07

Du Juan (CHN) (1968)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 2 - 1987 Chinese National Games (Guangzhou, CHN)															*Xia (1990) - analysis of Liu Huajin's technical features in breaking the Asian 100m hurdles record*			
date	25-Nov-87	time	2.57	3.57	4.62	5.66	6.70	7.72	8.76	9.80	10.85	11.97		13.17	/ 2			
reaction time		interval		1.00	1.05	1.04	1.04	1.02	1.04	1.04	1.05	1.12	1.20	PB		3.09	3.10	3.21
wind	-0.3 m/s	velocity	5.06	8.50	8.10	8.17	8.17	8.33	8.17	8.17	8.10	7.59	8.75	7.59		8.25	8.23	7.94

McCray, Yolanda (USA) (1976)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2003 USATF National Championships (Palo Alto, CA)															*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	2.62	3.65	4.70	5.73	6.72	7.74	8.76	9.78	10.83	11.89		13.17	8 / ~~7~~ 6			
reaction time		interval		1.03	1.05	1.03	0.99	1.02	1.02	1.02	1.05	1.06	1.28			3.11	3.03	3.13
wind	-0.1 m/s	velocity	4.96	8.25	8.10	8.25	8.59	8.33	8.33	8.33	8.10	8.02	8.20	7.59		8.20	8.42	8.15

Wu Yanni (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Chinese National Championships (Taiyuan, CHN)															*Henson (2018) - coaching observations*			
date	16-Sep-18	time	2.69	3.75	4.78	5.80	6.81	7.81	8.84	9.88	10.93	12.00		13.17	3 / 1			
reaction time		interval		1.06	1.03	1.02	1.01	1.00	1.03	1.04	1.05	1.07	1.17	PB		3.11	3.04	3.16
wind	-0.2 m/s	velocity	4.83	8.02	8.25	8.33	8.42	8.50	8.25	8.17	8.10	7.94	8.97	7.59		8.20	8.39	8.07

Aoki, Masumi (JPN) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)															*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date	24-Jun-18	time	2.65	3.70	4.73	5.77	6.79	7.81	8.83	9.86	10.90	11.96		13.17	7 / 1			
reaction time	0.174	interval		1.05	1.03	1.04	1.02	1.02	1.02	1.03	1.04	1.06	1.21	PB		3.12	3.06	3.13
wind	1.1 m/s	velocity	4.91	8.10	8.25	8.17	8.33	8.33	8.33	8.25	8.17	8.02	8.68	7.59		8.17	8.33	8.15

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	31-Jul-21	time	2.52	3.56	4.62	5.67	6.72	7.76	8.79	9.88	10.95	12.04		13.17	7 / 8			
reaction time	0.138	interval		1.04	1.06	1.05	1.05	1.04	1.03	1.09	1.07	1.09	1.13			3.15	3.12	3.25
wind	0.3 m/s	velocity	5.16	8.17	8.02	8.10	8.10	8.17	8.25	7.80	7.94	7.80	8.89	7.59		8.10	8.17	7.85

Vidts, Noor (BEL) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	04-Aug-21	time	2.66	3.71	4.75	5.76	6.80	7.82	8.84	9.86	10.91	12.02		13.17	8 / 1			
reaction time	0.129	interval		1.05	1.04	1.01	1.04	1.02	1.02	1.02	1.05	1.11	1.15	PB		3.10	3.08	3.18
wind	0.3 m/s	velocity	4.89	8.10	8.17	8.42	8.17	8.33	8.33	8.33	8.10	7.66	8.74	7.59		8.23	8.28	8.02

Kälin, Annik (SUI) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date	17-Jul-22	time	2.56	3.62	4.64	5.66	6.70	7.73	8.75	9.80	10.83	11.94		13.17	1 / 2			
reaction time	0.162	interval		1.06	1.02	1.02	1.04	1.03	1.02	1.05	1.03	1.11	1.23	PB		3.10	3.09	3.19
wind	0.7 m/s	velocity	5.08	8.02	8.33	8.33	8.17	8.25	8.33	8.10	8.25	7.66	8.17	7.59		8.23	8.25	7.99

Nelvis, Sharika (USA) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 FBK Games (Hengelo, NED)															*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	2.49	3.54	4.55	5.55	6.56	7.57	8.59	9.63	10.70	11.80		13.17	9 / 8			
reaction time	0.142	interval	7 steps	1.05	1.01	1.00	1.01	1.01	1.02	1.04	1.07	1.10	1.37			3.06	3.04	3.21
wind	0.2 m/s	velocity	5.22	8.10	8.42	8.50	8.42	8.42	8.33	8.17	7.94	7.73	7.34	7.59		8.33	8.39	7.94

Kiyoyama, Chisato (JPN) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Japanese National Championsips (Niigata, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	30-Jun-24	time	2.66	3.71	4.73	5.74	6.77	7.78	8.81	9.84	10.92	12.00		13.17	9 / 5			
reaction time	0.160	interval		1.05	1.02	1.01	1.03	1.01	1.03	1.03	1.08	1.08	1.17			3.08	3.07	3.19
wind	-0.2 m/s	velocity	4.89	8.10	8.33	8.42	8.25	8.42	8.25	8.25	7.87	7.87	8.59	7.59		8.28	8.31	7.99

Yarraji, Jyothi (IND) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Repechage 1 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	2.52	3.61	4.66	5.69	6.69	7.72	8.76	9.80	10.83	11.90		13.17	8 / 4			
reaction time	0.166	interval	7 steps	1.09	1.05	1.03	1.00	1.03	1.04	1.04	1.03	1.07	1.27			3.17	3.07	3.14
wind	0.1 m/s	velocity	5.16	7.80	8.10	8.25	8.50	8.25	8.17	8.17	8.25	7.94	7.91	7.59		8.04	8.31	8.12

Thompson, Yanique (JAM) (1996)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.55	3.72	4.81	5.81	6.81	7.79	8.79	9.78	10.80	11.85		13.17	3 / 7			
reaction time 0.147 interval		1.17	1.09	1.00	1.00	0.98	1.00	0.99	1.02	1.05	1.32			3.26	2.98	3.06
wind -0.3 m/s velocity	5.10	7.26	7.80	8.50	8.50	8.67	8.50	8.59	8.33	8.10	7.61	7.59		7.82	8.56	8.33

Litovchenko, Irina (URS) (1950)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 1979 VII USSR Spartakiade (Moscow, URS)													*Balachničiv (1981) - Periodisierung & Zyklisierung des Trainings 78/79 von Hürdenlauferinnen der Spitzenklasse UdSSR*			
date 25-Jul-79 time	2.54	3.68	4.70	5.76	6.76	7.76	8.78	9.86	10.92	11.99		13.18	/ 5			
reaction time interval		1.14	1.02	1.06	1.00	1.00	1.02	1.08	1.06	1.07	1.19			3.22	3.02	3.21
wind ??? velocity	5.12	7.46	8.33	8.02	8.50	8.50	8.33	7.87	8.02	7.94	8.82	7.59		7.92	8.44	7.94

Pogacian, Mihaela (ROU) (1958)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 European Cup (Frankfurt, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jun-91 time	2.66	3.74	4.77	5.79	6.81	7.83	8.85	9.87	10.90	11.94		13.18	/ 4			
reaction time interval		1.08	1.03	1.02	1.02	1.02	1.02	1.02	1.03	1.04	1.24			3.13	3.06	3.09
wind -2.1 m/s velocity	4.89	7.87	8.25	8.33	8.33	8.33	8.33	8.33	8.25	8.17	8.47	7.59		8.15	8.33	8.25

Gomis, Sandra (FRA) (1983)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 27-Aug-16 time	2.54	3.60	4.64	5.64	6.64	7.70	8.74	9.82	10.86	11.98		13.18	9 / 8			
reaction time 0.161 interval		1.06	1.04	1.00	1.00	1.06	1.04	1.08	1.04	1.12	1.20			3.10	3.10	3.24
wind 0.2 m/s velocity	5.12	8.02	8.17	8.50	8.50	8.02	8.17	7.87	8.17	7.59	8.75	7.59		8.23	8.23	7.87

Aoki, Masumi (JPN) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 National Sports Festival (Matsuyama, JPN)													*(2017.10.10) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 09-Oct-17 time	2.61	3.69	4.72	5.76	6.78	7.79	8.83	9.88	10.94	12.01		13.18	5 / 1			
reaction time 0.128 interval		1.08	1.03	1.04	1.02	1.01	1.04	1.05	1.06	1.07	1.17	PB		3.15	3.07	3.18
wind 0.5 m/s velocity	4.98	7.87	8.25	8.17	8.33	8.42	8.17	8.10	8.02	7.94	8.97	7.59		8.10	8.31	8.02

Lindley, Lindsay (NGR) (1989)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)													*Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*			
date 11-Aug-17 time	2.46	3.51	4.51	5.52	6.53	7.52	8.54	9.58	10.66	11.77		13.18	2 / 7			
reaction time 0.163 interval		1.05	1.00	1.01	1.01	0.99	1.02	1.04	1.08	1.11	1.41			3.06	3.02	3.23
wind 0.5 m/s velocity	5.28	8.10	8.50	8.42	8.42	8.59	8.33	8.17	7.87	7.66	7.45	7.59		8.33	8.44	7.89

Shimura, Hitomi (JPN) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Fuse Sprint (Tottori, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 03-Jun-18 time	2.63	3.69	4.72	5.74	6.76	7.80	8.84	9.88	10.93	11.99		13.18	/ 2			
reaction time interval		1.06	1.03	1.02	1.02	1.04	1.04	1.04	1.05	1.06	1.19			3.11	3.10	3.15
wind 0.6 m/s velocity	4.94	8.02	8.25	8.33	8.33	8.17	8.17	8.17	8.10	8.02	8.82	7.59		8.20	8.23	8.10

Lui Lai Yiu (HKG) (1994)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 07-Jun-19 time	2.66	3.72	4.75	5.77	6.79	7.80	8.82	9.87	10.92	11.99		13.18	7 / 2			
reaction time 0.180 interval		1.06	1.03	1.02	1.02	1.01	1.02	1.05	1.05	1.07	1.19			3.11	3.05	3.17
wind 2.3 m/s velocity	4.89	8.02	8.25	8.33	8.33	8.42	8.33	8.10	8.10	7.94	8.82	7.59		8.20	8.36	8.04

Neziri, Nooralotta (FIN) (1992)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bislett Games (Oslo, NOR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 13-Jun-19 time	2.62	3.68	4.72	5.76	6.76	7.80	8.84	9.88	10.92	11.98		13.18	8 / 7			
reaction time 0.152 interval		1.06	1.04	1.04	1.00	1.04	1.04	1.04	1.04	1.06	1.20			3.14	3.08	3.14
wind 1.1 m/s velocity	4.96	8.02	8.17	8.17	8.50	8.17	8.17	8.17	8.17	8.02	8.75	7.59		8.12	8.28	8.12

Romero, Genesis (VEN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 06-Oct-19 time	2.64	3.68	4.72	5.74	6.76	7.76	8.76	9.78	10.82	11.88		13.18	3 / 8			
reaction time 0.193 interval		1.04	1.04	1.02	1.02	1.00	1.00	1.02	1.04	1.06	1.30			3.10	3.02	3.12
wind 1.0 m/s velocity	4.92	8.17	8.17	8.33	8.33	8.50	8.50	8.33	8.17	8.02	7.73	7.59		8.23	8.44	8.17

Kimura, Ayako (JPN) (1988)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.59	3.65	4.67	5.68	6.70	7.71	8.74	9.81	10.88	11.97		13.18	5 / 4			
reaction time 0.148 interval		1.06	1.02	1.01	1.02	1.01	1.03	1.07	1.07	1.09	1.21			3.09	3.06	3.23
wind 1.8 m/s velocity	5.02	8.02	8.33	8.42	8.33	8.42	8.25	7.94	7.94	7.80	8.31	7.59		8.25	8.33	7.89

Shimura, Hitomi (JPN) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23 time	2.65	3.70	4.73	5.76	6.77	7.79	8.83	9.89	10.94	12.01		13.18	3 / 5			
reaction time 0.145 interval		1.05	1.03	1.03	1.01	1.02	1.04	1.06	1.05	1.07	1.17			3.11	3.07	3.18
wind 0.7 m/s velocity	4.91	8.10	8.25	8.25	8.42	8.33	8.17	8.02	8.10	7.94	8.59	7.59		8.20	8.31	8.02

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 FBK Games (Hengelo, NED)													*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	2.48	3.55	4.58	5.61	6.63	7.65	8.69	9.73	10.79	11.86		13.18	3 / 9			
reaction time 0.132 interval		1.07	1.03	1.03	1.02	1.02	1.04	1.04	1.06	1.07	1.32			3.13	3.08	3.17
wind 0.2 m/s velocity	5.24	7.94	8.25	8.25	8.33	8.33	8.17	8.17	8.02	7.94	7.61	7.59		8.15	8.28	8.04

Christofi, Natalia (CYP) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.47	3.55	4.57	5.58	6.62	7.65	8.70	9.75	10.81	11.88		13.18	2 / 6			
reaction time 0.119 interval		1.08	1.02	1.01	1.04	1.03	1.05	1.05	1.06	1.07	1.30			3.11	3.12	3.18
wind 0.3 m/s velocity	5.26	7.87	8.33	8.42	8.17	8.25	8.10	8.10	8.02	7.94	7.73	7.59		8.20	8.17	8.02

Devers-Roberts, Gail (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 1992 Olympic Games (Barcelona, ESP)													*Lyle - miscellaneous coaching notes*			
date 05-Aug-92 time	2.63	3.66	4.62	5.56	6.51	7.51	8.53	9.58	10.67	11.78		13.19	3 / 3			
reaction time interval		1.03	0.96	0.94	0.95	1.00	1.02	1.05	1.09	1.11	1.41			2.93	2.97	3.25
wind 0.0 m/s velocity	4.94	8.25	8.85	9.04	8.95	8.50	8.33	8.10	7.80	7.66	7.45	7.58		8.70	8.59	7.85

Zhou Jing (CHN) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 Chinese National Games (Beijing, CHN)													*Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*			
date 09-Sep-93 time	2.56	3.62	4.67	5.68	6.71	7.75	8.79	9.83	10.89	12.05		13.19	/ 6			
reaction time interval		1.06	1.05	1.01	1.03	1.04	1.04	1.04	1.06	1.16	1.14			3.12	3.11	3.26
wind 0.1 m/s velocity	5.08	8.02	8.10	8.42	8.25	8.17	8.17	8.17	8.02	7.33	9.21	7.58		8.17	8.20	7.82

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 16-Jun-16 time	2.60	3.67	4.70	5.70	6.72	7.72	8.74	9.77	10.81	11.86		13.19	7 / 7			
reaction time 0.192 interval		1.07	1.03	1.00	1.02	1.00	1.02	1.03	1.04	1.05	1.33			3.10	3.04	3.12
wind -0.4 m/s velocity	5.00	7.94	8.25	8.50	8.33	8.50	8.33	8.25	8.17	8.10	7.89	7.58		8.23	8.39	8.17

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Fuse Sprint (Tottori, JPN)													*(2016.06.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 05-Jun-16 time	2.59	3.63	4.67	5.70	6.74	7.76	8.80	9.86	10.91	12.00		13.19	7 / 1			
reaction time interval		1.04	1.04	1.03	1.04	1.02	1.04	1.06	1.05	1.09	1.19			3.11	3.10	3.20
wind 2.2 m/s velocity	5.02	8.17	8.17	8.25	8.17	8.33	8.17	8.02	8.10	7.80	8.82	7.58		8.20	8.23	7.97

Jones, Cortney (USA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 15-Jul-18 time	2.63	3.70	4.71	5.71	6.69	7.68	8.68	9.73	10.80	11.91		13.19	4 / 3			
reaction time 0.156 interval		1.07	1.01	1.00	0.98	0.99	1.00	1.05	1.07	1.11	1.28			3.08	2.97	3.23
wind -1.0 m/s velocity	4.94	7.94	8.42	8.50	8.67	8.59	8.50	8.10	7.94	7.66	8.20	7.58		8.28	8.59	7.89

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 23-Apr-19 time	2.62	3.65	4.65	5.67	6.67	7.70	8.72	9.77	10.86			13.19	2 / 1			
reaction time 0.158 interval		1.03	1.00	1.02	1.00	1.03	1.02	1.05	1.09					3.05	3.05	
wind 1.9 m/s velocity	4.96	8.25	8.50	8.33	8.50	8.25	8.33	8.10	7.80			7.58		8.36	8.36	

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19 time	2.60	3.65	4.68	5.70	6.72	7.75	8.78	9.83	10.91	12.00		13.19	7 / 4			
reaction time 0.139 interval		1.05	1.03	1.02	1.02	1.03	1.03	1.05	1.08	1.09	1.19			3.10	3.08	3.22
wind 3.5 m/s velocity	5.00	8.10	8.25	8.33	8.33	8.25	8.25	8.10	7.87	7.80	8.82	7.58		8.23	8.28	7.92

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 23-Aug-20 time	2.67	3.75	4.77	5.77	6.80	7.82	8.85	9.88	10.94	12.02		13.19	6 / 3			
reaction time 0.139 interval		1.08	1.02	1.00	1.03	1.02	1.03	1.03	1.06	1.08	1.17			3.10	3.08	3.17
wind 0.3 m/s velocity	4.87	7.87	8.33	8.50	8.25	8.33	8.25	8.25	8.02	7.87	8.59	7.58		8.23	8.28	8.04

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 15-Sep-20 time	2.56	3.60	4.64	5.66	6.66	7.68	8.70	9.74	10.80	11.88		13.19	6 / 3			
reaction time interval		1.04	1.04	1.02	1.00	1.02	1.02	1.04	1.06	1.08	1.31			3.10	3.04	3.18
wind 0.0 m/s velocity	5.08	8.17	8.17	8.33	8.50	8.33	8.33	8.17	8.02	7.87	7.67	7.58		8.23	8.39	8.02

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Happy Chengdu Meeting (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 15-May-21 time	2.70	3.74	4.79	5.83	6.83	7.87	8.89	9.93	10.97	12.02		13.19	7 / 2			
reaction time 0.188 interval		1.04	1.05	1.04	1.00	1.04	1.02	1.04	1.04	1.05	1.17			3.13	3.06	3.13
wind -0.1 m/s velocity	4.81	8.17	8.10	8.17	8.50	8.17	8.33	8.17	8.17	8.10	8.59	7.58		8.15	8.33	8.15

Chen Jiamin (CHN) (1996)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	03-Jun-23	time	2.70	3.73	4.76	5.78	6.84	7.86	8.88	9.93	10.96	12.03		13.19	4 / 1		
reaction time	0.217	interval		1.03	1.03	1.02	1.06	1.02	1.02	1.05	1.03	1.07	1.16			3.08	3.10	3.15
wind	0.3 m/s	velocity	4.81	8.25	8.25	8.33	8.02	8.33	8.33	8.10	8.25	7.94	8.66	7.58		8.28	8.23	8.10

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 02-Sep-23 time	2.70	3.77	4.82	5.84	6.87	7.90	8.92	9.94	11.00	12.04		13.19	6 / 2			
reaction time 0.158 interval		1.07	1.05	1.02	1.03	1.03	1.02	1.02	1.06	1.04	1.15			3.14	3.08	3.12
wind 0.1 m/s velocity	4.81	7.94	8.10	8.33	8.25	8.25	8.33	8.33	8.02	8.17	8.74	7.58		8.12	8.28	8.17

Clay, Liz (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)													*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	2.53	3.61	4.62	5.64	6.65	7.65	8.67	9.71	10.76	11.85		13.19	10 / 8			
reaction time 0.144 interval		1.08	1.01	1.02	1.01	1.00	1.02	1.04	1.05	1.09	1.34			3.11	3.03	3.18
wind -0.2 m/s velocity	5.14	7.87	8.42	8.33	8.42	8.50	8.33	8.17	8.10	7.80	7.50	7.58		8.20	8.42	8.02

Berings, Eline (BEL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time	2.67	3.73	4.79	5.81	6.83	7.87	8.90	9.93	10.97	12.04		13.20	/ 8			
reaction time 0.196 interval		1.06	1.06	1.02	1.02	1.04	1.03	1.03	1.04	1.07	1.16			3.14	3.09	3.14
wind -0.1 m/s velocity	4.87	8.02	8.02	8.33	8.33	8.17	8.25	8.25	8.17	7.94	9.05	7.58		8.12	8.25	8.12

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 29-Apr-16 time	2.62	3.69	4.73	5.75	6.77	7.79	8.82	9.88	10.94	12.00		13.20	6 / 1			
reaction time interval		1.07	1.04	1.02	1.02	1.02	1.03	1.06	1.06	1.06	1.20			3.13	3.07	3.18
wind 1.1 m/s velocity	4.96	7.94	8.17	8.33	8.33	8.33	8.25	8.02	8.02	8.02	8.75	7.58		8.15	8.31	8.02

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 29-Apr-17 time	2.53	2.63	4.66	5.68	6.70	7.73	8.73	9.76	10.83	11.90		13.20	1 / 8			
reaction time interval		0.10	2.03	1.02	1.02	1.03	1.00	1.03	1.07	1.07	1.30			3.15	3.05	3.17
wind 1.0 m/s velocity	5.14	85.00	4.19	8.33	8.33	8.25	8.50	8.25	7.94	7.94	8.08	7.58		8.10	8.36	8.04

Morgan, Monique (JAM) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 20-May-18 time	2.69	3.75	4.80	5.82	6.86	7.87	8.91	9.95	10.98	12.06		13.20	7 / 3			
reaction time 0.157 interval		1.06	1.05	1.02	1.04	1.01	1.04	1.04	1.03	1.08	1.14			3.13	3.09	3.15
wind -0.6 m/s velocity	4.83	8.02	8.10	8.33	8.17	8.42	8.17	8.17	8.25	7.87	9.21	7.58		8.15	8.25	8.10

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)													*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date 29-Jun-19 time	2.64	3.69	4.72	5.75	6.77	7.80	8.83	9.88	10.94	12.03		13.20	9 / 4			
reaction time 0.156 interval		1.05	1.03	1.03	1.02	1.03	1.03	1.05	1.06	1.09	1.17			3.11	3.08	3.20
wind 0.6 m/s velocity	4.92	8.10	8.25	8.25	8.33	8.25	8.25	8.10	8.02	7.80	8.97	7.58		8.20	8.28	7.97

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 IAAF World Championships (Doha, QAT)													*(2019) - http://tfdata-store.com/2019/09/02/post-1606/*			
date 05-Oct-19 time	2.66	3.69	4.72	5.74	6.76	7.79	8.82	9.88	10.94	12.03		13.20	5 / 5			
reaction time 0.170 interval		1.03	1.03	1.02	1.02	1.03	1.03	1.06	1.06	1.09	1.17			3.08	3.08	3.21
wind 0.3 m/s velocity	4.89	8.25	8.25	8.33	8.33	8.25	8.25	8.02	8.02	7.80	8.59	7.58		8.28	8.28	7.94

Compper, Solenn (FRA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20 time	2.50	3.55	4.56	5.60	6.58	7.60	8.61	9.65	10.74	11.85		13.20	5 / 2			
reaction time 0.212 interval		1.05	1.01	1.04	0.98	1.02	1.01	1.04	1.09	1.11	1.35			3.10	3.01	3.24
wind 1.5 m/s velocity	5.20	8.10	8.42	8.17	8.67	8.33	8.42	8.17	7.80	7.66	7.44	7.58		8.23	8.47	7.87

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.63	3.70	4.74	5.78	6.80	7.82	8.88	9.92	10.97	12.04		13.20	8 / 1			
reaction time 0.201 interval		1.07	1.04	1.04	1.02	1.02	1.06	1.04	1.05	1.07	1.16	PB		3.15	3.10	3.16
wind 0.1 m/s velocity	4.94	7.94	8.17	8.17	8.33	8.33	8.02	8.17	8.10	7.94	8.66	7.58		8.10	8.23	8.07

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.69	3.75	4.77	5.78	6.81	7.82	8.85	9.90	10.97	12.03		13.20	3 / 5			
reaction time 0.138 interval		1.06	1.02	1.01	1.03	1.01	1.03	1.05	1.07	1.06	1.17			3.09	3.07	3.18
wind 1.8 m/s velocity	4.83	8.02	8.33	8.42	8.25	8.42	8.25	8.10	7.94	8.02	8.59	7.58		8.25	8.31	8.02

Huntington, Maria (FIN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			

date	04-Aug-21	time	2.71	3.74	4.79	5.79	6.80	7.82	8.85	9.86	10.91	12.01		13.20	6 / 2				
reaction time	0.190	interval		1.03	1.05	1.00	1.01	1.02	1.03	1.01	1.05	1.10	1.19			3.08	3.06	3.16	
wind	0.3 m/s	velocity	4.80	8.25	8.10	8.50	8.42	8.33	8.25	8.42	8.10	7.73	8.45	7.58		8.28	8.33	8.07	

Hall, Anna (USA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2022 year end hurdle report*

date	17-Jul-22	time	2.68	3.71	4.73	5.75	6.77	7.81	8.81	9.92	10.97	12.03		13.20	8 / 3				
reaction time	0.150	interval		1.03	1.02	1.02	1.02	1.04	1.00	1.11	1.05	1.06	1.17			3.07	3.06	3.22	
wind	0.7 m/s	velocity	4.85	8.25	8.33	8.33	8.33	8.17	8.50	7.66	8.10	8.02	8.59	7.58		8.31	8.33	7.92	

Vidts, Noor (BEL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2022 year end hurdle report*

date	17-Jul-22	time	2.68	3.73	4.75	5.78	6.80	7.81	8.84	9.91	10.97	12.03		13.20	5 / 4				
reaction time	0.143	interval		1.05	1.02	1.03	1.02	1.01	1.03	1.07	1.06	1.06	1.17			3.10	3.06	3.19	
wind	0.7 m/s	velocity	4.85	8.10	8.33	8.25	8.33	8.42	8.25	7.94	8.02	8.02	8.59	7.58		8.23	8.33	7.99	

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN) — *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	29-Apr-23	time	2.63	3.69	4.76	5.80	6.82	7.86	8.89	9.93	10.98	12.04		13.20	7 / 4				
reaction time	0.149	interval		1.06	1.07	1.04	1.02	1.04	1.03	1.04	1.05	1.06	1.16			3.17	3.09	3.15	
wind	0.6 m/s	velocity	4.94	8.02	7.94	8.17	8.33	8.17	8.25	8.17	8.10	8.02	8.66	7.58		8.04	8.25	8.10	

Kerekes, Gréta (HUN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Repechage 1 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.48	3.56	4.60	5.62	6.64	7.67	8.70	9.75	10.81	11.89		13.20	7 / 5				
reaction time	0.123	interval		1.08	1.04	1.02	1.02	1.03	1.03	1.05	1.06	1.08	1.31			3.14	3.08	3.19	
wind	0.1 m/s	velocity	5.24	7.87	8.17	8.33	8.33	8.25	8.25	8.10	8.02	7.87	7.67	7.58		8.12	8.28	7.99	

Carmassi, Giada (ITA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA) — *Omega Timing (2024) - diamond league race analysis*

date	30-Aug-24	time	2.52	3.57	4.60	5.62	6.63	7.65	8.67	9.71	10.76	11.85		13.20	1 / 8				
reaction time	0.136	interval		1.05	1.03	1.02	1.01	1.02	1.02	1.04	1.05	1.09	1.35			3.10	3.05	3.18	
wind	-0.4 m/s	velocity	5.16	8.10	8.25	8.33	8.42	8.33	8.33	8.17	8.10	7.80	7.44	7.58		8.23	8.36	8.02	

O'Rourke, Derval (IRL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2009 ISTAF (Berlin, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.63	3.70	4.72	5.75	6.77	7.81	8.86	9.91	10.99	12.09		13.21	/ 9				
reaction time	0.187	interval		1.07	1.02	1.03	1.02	1.04	1.05	1.05	1.08	1.10	1.12			3.12	3.11	3.23	
wind	-0.1 m/s	velocity	4.94	7.94	8.33	8.25	8.33	8.17	8.10	8.10	7.87	7.73	9.37	7.57		8.17	8.20	7.89	

Caravelli, Marzia (ITA) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Race 1 - 2011 European Team Championships (Stockholm, SWE) — *Blomkvist (2011) - www.sub13.se*

date	19-Jun-11	time	2.58	3.64	4.68	5.70	6.72	7.76	8.80	9.86	10.92	12.00		13.21	/ 2				
reaction time	0.166	interval		1.06	1.04	1.02	1.02	1.04	1.04	1.06	1.06	1.08	1.21			3.12	3.10	3.20	
wind	-1.0 m/s	velocity	5.04	8.02	8.17	8.33	8.33	8.17	8.17	8.02	8.02	7.87	8.68	7.57		8.17	8.23	7.97	

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) — *(2017) - tfdata-store.com/2017/05/01/458/*

date	29-Apr-17	time	2.63	3.69	4.74	5.77	6.82	7.85	8.90	9.93	10.98	12.05		13.21	7 / 2				
reaction time		interval		1.06	1.05	1.03	1.05	1.03	1.05	1.03	1.05	1.07	1.16			3.14	3.13	3.15	
wind	2.0 m/s	velocity	4.94	8.02	8.10	8.25	8.10	8.25	8.10	8.25	8.10	7.94	9.05	7.57		8.12	8.15	8.10	

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Open FINAL - 2017 Michitaka Memorial (Osaka, JPN) — *(2017) - tfdata-store.com/2017/05/08/post-413/*

date	07-May-17	time	2.65	3.71	4.75	5.76	6.80	7.81	8.86	9.90	10.94	12.01		13.21	6 / 1				
reaction time		interval		1.06	1.04	1.01	1.04	1.01	1.05	1.04	1.04	1.07	1.20			3.11	3.10	3.15	
wind	-0.2 m/s	velocity	4.91	8.02	8.17	8.42	8.17	8.42	8.10	8.17	8.17	7.94	8.75	7.57		8.20	8.23	8.10	

Barber, Kaila (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) — *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	29-Apr-18	time	2.59	3.68	4.72	5.76	6.78	7.80	8.85	9.88	10.92	12.00		13.21	8 / 5				
reaction time		interval		1.09	1.04	1.04	1.02	1.02	1.05	1.03	1.04	1.08	1.21			3.17	3.09	3.15	
wind	3.6 m/s	velocity	5.02	7.80	8.17	8.17	8.33	8.33	8.10	8.25	8.17	7.87	8.68	7.57		8.04	8.25	8.10	

Harper Nelson, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Doha Diamond League (Doha, QAT) (TV Analysis) — *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	04-May-18	time	2.48	3.56	4.56	5.62	6.62	7.66	8.72	9.76	10.84	11.86		13.21	6 / 8				
reaction time	0.152	interval		1.08	1.00	1.06	1.00	1.04	1.06	1.04	1.08	1.02	1.35			3.14	3.10	3.14	
wind	0.5 m/s	velocity	5.24	7.87	8.50	8.02	8.50	8.17	8.02	8.17	7.87	8.33	7.78	7.57		8.12	8.23	8.12	

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) — *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	24-Jun-18	time	2.65	3.70	4.75	5.77	6.80	7.82	8.86	9.91	10.98	12.05		13.21	5 / 2				

reaction time	0.167	interval		1.05	1.05	1.02	1.03	1.02	1.04	1.05	1.07	1.07	1.16			3.12	3.09	3.19
wind	1.1 m/s	velocity	4.91	8.10	8.10	8.33	8.25	8.33	8.17	8.10	7.94	7.94	9.05	7.57		8.17	8.25	7.99

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 24-Jun-18 time	2.61	3.62	4.65	5.66	6.67	7.68	8.73	9.78	10.86	11.96		13.21	4 / 3			
reaction time 0.164 interval		1.01	1.03	1.01	1.01	1.01	1.05	1.05	1.08	1.10	1.25			3.05	3.07	3.23
wind 1.1 m/s velocity	4.98	8.42	8.25	8.42	8.42	8.42	8.10	8.10	7.87	7.73	8.40	7.57		8.36	8.31	7.89

Ndama, Solène (FRA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Paavo Nurmi Games (Turku, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 11-Aug-20 time	2.60	3.66	4.70	5.74	6.74	7.74	8.76	9.80	10.86	11.92		13.21	1 / 8			
reaction time 0.161 interval		1.06	1.04	1.04	1.00	1.00	1.02	1.04	1.06	1.06	1.29			3.14	3.02	3.16
wind 1.2 m/s velocity	5.00	8.02	8.17	8.17	8.50	8.50	8.33	8.17	8.02	8.02	7.79	7.57		8.12	8.44	8.07

Zagré, Anne (BEL) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20 time	2.57	3.60	4.63	5.67	6.70	7.70	8.73	9.76	10.80	11.90		13.21	4 / 1			
reaction time 0.136 interval		1.03	1.03	1.04	1.03	1.00	1.03	1.03	1.04	1.10	1.31			3.10	3.06	3.17
wind -0.2 m/s velocity	5.06	8.25	8.25	8.17	8.25	8.50	8.25	8.25	8.17	7.73	7.67	7.57		8.23	8.33	8.04

Wojtunik, Klaudia (POL) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 25-Sep-20 time	2.56	3.63	4.66	5.70	6.73	7.76	8.80	9.83	10.86	11.96		13.21	8 / 4			
reaction time 0.137 interval		1.07	1.03	1.04	1.03	1.03	1.04	1.03	1.03	1.10	1.25			3.14	3.10	3.16
wind 1.1 m/s velocity	5.08	7.94	8.25	8.17	8.25	8.25	8.17	8.25	8.25	7.73	8.04	7.57		8.12	8.23	8.07

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.67	3.72	4.75	5.78	6.79	7.81	8.83	9.88	10.93	12.00		13.21	8 / 6			
reaction time 0.152 interval		1.05	1.03	1.03	1.01	1.02	1.02	1.05	1.05	1.07	1.21	PB		3.11	3.05	3.17
wind 1.8 m/s velocity	4.87	8.10	8.25	8.25	8.42	8.33	8.33	8.10	8.10	7.94	8.31	7.57		8.20	8.36	8.04

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.67	3.74	4.76	5.80	6.85	7.87	8.92	9.96	11.01	12.07		13.21	3 / 1			
reaction time 0.179 interval		1.07	1.02	1.04	1.05	1.02	1.05	1.04	1.05	1.06	1.14			3.13	3.12	3.15
wind -2.8 m/s velocity	4.87	7.94	8.33	8.17	8.10	8.33	8.10	8.17	8.10	8.02	8.82	7.57		8.15	8.17	8.10

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.62	3.69	4.74	5.78	6.81	7.85	8.92	9.98	11.04	12.10		13.21	5 / 2			
reaction time 0.143 interval		1.07	1.05	1.04	1.03	1.04	1.07	1.06	1.06	1.06	1.11			3.16	3.14	3.18
wind -2.8 m/s velocity	4.96	7.94	8.10	8.17	8.25	8.17	7.94	8.02	8.02	8.02	9.05	7.57		8.07	8.12	8.02

Thiam, Nafissatou (BEL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22 time	2.60	3.65	4.70	5.74	6.77	7.78	8.82	9.86	10.92	12.01		13.21	4 / 1			
reaction time 0.119 interval	7 steps	1.05	1.05	1.04	1.03	1.01	1.04	1.04	1.06	1.09	1.20	PB		3.14	3.08	3.19
wind 1.4 m/s velocity	5.00	8.10	8.10	8.17	8.25	8.42	8.17	8.17	8.02	7.80	8.37	7.57		8.12	8.28	7.99

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23 time	2.70	3.73	4.76	5.76	6.77	7.78	8.82	9.88	10.94	11.99		13.21	6 / 2			
reaction time 0.176 interval		1.03	1.03	1.00	1.01	1.01	1.04	1.06	1.06	1.05	1.22			3.06	3.06	3.17
wind 0.3 m/s velocity	4.81	8.25	8.25	8.50	8.42	8.42	8.17	8.02	8.02	8.10	8.24	7.57		8.33	8.33	8.04

Covington, Jaiya (USA) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24 time	2.67	3.72	4.74	5.77	6.77	7.80	8.84	9.87	10.91	11.99		13.21	9 / 7			
reaction time interval		1.05	1.02	1.03	1.00	1.03	1.04	1.03	1.04	1.08	1.22			3.10	3.07	3.15
wind 0.8 m/s velocity	4.87	8.10	8.33	8.25	8.50	8.25	8.17	8.25	8.17	7.87	8.24	7.57		8.23	8.31	8.10

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24 time	2.64	3.70	4.73	5.76	6.77	7.81	8.84	9.89	10.96	12.04		13.21	3 / 6			
reaction time 0.156 interval		1.06	1.03	1.03	1.01	1.04	1.03	1.05	1.07	1.08	1.17			3.12	3.08	3.20
wind -0.2 m/s velocity	4.92	8.02	8.25	8.25	8.42	8.17	8.25	8.10	7.94	7.87	8.59	7.57		8.17	8.28	7.97

Ferga, Linda (FRA) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 European Championships (Budapest, HUN)													*Sanchez (1998) - Budapest '98: análisis de la carreras con villas*			
date 23-Aug-98 time	2.70	3.71	4.75	5.77	6.78	7.77	8.83	9.87	10.92	11.99		13.22	7 / 8			
reaction time interval		1.01	1.04	1.02	1.01	0.99	1.06	1.04	1.05	1.07	1.23			3.07	3.06	3.16

wind	1.5 m/s	velocity	4.81	8.42	8.17	8.33	8.42	8.59	8.02	8.17	8.10	7.94	8.54	7.56		8.31	8.33	8.07

Fountain, Hyleas (USA) (1981)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)																		
date	23-Sep-08	time	2.45	3.52	4.54	5.57	6.59	7.62	8.67	9.73	10.80	11.89		13.22	/ 3			
reaction time		interval		1.07	1.02	1.03	1.02	1.03	1.05	1.06	1.07	1.09	1.33			3.12	3.10	3.22
wind	0.1 m/s	velocity	5.31	7.94	8.33	8.25	8.33	8.25	8.10	8.02	7.94	7.80	7.89	7.56		8.17	8.23	7.92

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

Hofmann, Franziska (GER) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2014 Sparkassen Gala (Regensburg, GER)																		
date	07-Jun-14	time	2.66	3.70	4.74	5.75	6.76	7.76	8.80	9.86	10.92	12.00		13.22	/ 1			
reaction time		interval		1.04	1.04	1.01	1.01	1.00	1.04	1.06	1.06	1.08	1.22			3.09	3.05	3.20
wind	-0.5 m/s	velocity	4.89	8.17	8.17	8.42	8.42	8.50	8.17	8.02	8.02	7.87	8.61	7.56		8.25	8.36	7.97

Buckwitz (2014) - OSP Berlin / DLV frauen hürden report

Shimura, Hitomi (JPN) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Kinami Memorial (Osaka, JPN)																		
date	06-May-19	time	2.62	3.67	4.72	5.75	6.78	7.83	8.87	9.92	10.98	12.05		13.22	6 / 2			
reaction time		interval		1.05	1.05	1.03	1.03	1.05	1.04	1.05	1.06	1.07	1.17			3.13	3.12	3.18
wind	0.6 m/s	velocity	4.96	8.10	8.10	8.25	8.25	8.10	8.17	8.10	8.02	7.94	8.97	7.56		8.15	8.17	8.02

Matsubayashi (2019) - research on athlete performance and technique- 2019 data book

Tanaka, Yumi (JPN) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																		
date	19-May-19	time	2.63	3.65	4.68	5.69	6.71	7.74	8.76	9.83	10.90	12.01		13.22	1 / 7			
reaction time	0.148	interval		1.02	1.03	1.01	1.02	1.03	1.02	1.07	1.07	1.11	1.21	PB		3.06	3.07	3.25
wind	0.4 m/s	velocity	4.94	8.33	8.25	8.42	8.33	8.25	8.33	7.94	7.94	7.66	8.68	7.56		8.33	8.31	7.85

Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps

Lin Yuwei (CHN) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)																		
date	15-Sep-20	time	2.61	3.67	4.71	5.75	6.77	7.79	8.83	9.90	10.97	12.05		13.22	4 / 2			
reaction time	0.144	interval		1.06	1.04	1.04	1.02	1.02	1.04	1.07	1.07	1.08	1.17	PB		3.14	3.08	3.22
wind	-0.4 m/s	velocity	4.98	8.02	8.17	8.17	8.33	8.33	8.17	7.94	7.94	7.87	8.59	7.56		8.12	8.28	7.92

CAA Hurdle Development (2020)

Suzuki, Miho (JPN) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)																		
date	29-Apr-21	time	2.72	3.78	4.82	5.86	6.89	7.90	8.93	9.96	11.00	12.06		13.22	6 / 2			
reaction time		interval		1.06	1.04	1.04	1.03	1.01	1.03	1.03	1.04	1.06	1.16			3.14	3.07	3.13
wind	1.6 m/s	velocity	4.78	8.02	8.17	8.17	8.25	8.42	8.25	8.25	8.17	8.02	8.66	7.56		8.12	8.31	8.15

Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season

Kimura, Ayako (JPN) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)																		
date	09-May-21	time	2.61	3.65	4.68	5.68	6.72	7.75	8.79	9.84	10.92	12.00		13.22	1 / 3			
reaction time	0.143	interval		1.04	1.03	1.00	1.04	1.03	1.04	1.05	1.08	1.08	1.22			3.07	3.11	3.21
wind	-0.8 m/s	velocity	4.98	8.17	8.25	8.50	8.17	8.25	8.17	8.10	7.87	7.87	8.24	7.56		8.31	8.20	7.94

Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season

Shi Jiali (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)																		
date	12-Jun-21	time	2.58	3.64	4.68	5.69	6.71	7.72	8.78	9.82	10.88	11.98		13.22	7 / 3			
reaction time	0.107	interval		1.06	1.04	1.01	1.02	1.01	1.06	1.04	1.06	1.10	1.24	PB		3.11	3.09	3.20
wind	1.0 m/s	velocity	5.04	8.02	8.17	8.42	8.33	8.42	8.02	8.17	8.02	7.73	8.10	7.56		8.20	8.25	7.97

CAA Hurdle Development (2021)

Kiyoyama, Chisato (JPN) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Japanese National Championships (Osaka, JPN)																		
date	27-Jun-21	time	2.69	3.75	4.80	5.81	6.82	7.85	8.87	9.91	10.98	12.05		13.22	7 / 2			
reaction time	0.146	interval		1.06	1.05	1.01	1.01	1.03	1.02	1.04	1.07	1.07	1.17			3.12	3.06	3.18
wind	0.0 m/s	velocity	4.83	8.02	8.10	8.42	8.42	8.25	8.33	8.17	7.94	7.94	8.59	7.56		8.17	8.33	8.02

Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season

Dai Yiru (CHN) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Chinese National Games (Xi'an, CHN)																		
date	22-Sep-21	time	2.50	3.56	4.60	5.60	6.63	7.67	8.73	9.80	10.87	11.94		13.22	3 / 4			
reaction time	0.132	interval		1.06	1.04	1.00	1.03	1.04	1.06	1.07	1.07	1.07	1.28			3.10	3.13	3.21
wind	0.1 m/s	velocity	5.20	8.02	8.17	8.50	8.25	8.17	8.02	7.94	7.94	7.94	7.85	7.56		8.23	8.15	7.94

CAA Hurdle Development (2021)

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis)																		
date	08-Sep-22	time	2.57	3.60	4.64	5.67	6.67	7.67	8.67	9.71	10.81	11.94		13.22	1 / 9			
reaction time	0.161	interval		1.03	1.04	1.03	1.00	1.00	1.00	1.04	1.10	1.13	1.28			3.10	3.00	3.27
wind	-0.3 m/s	velocity	5.06	8.25	8.17	8.25	8.50	8.50	8.50	8.17	7.73	7.52	7.85	7.56		8.23	8.50	7.80

Henson (2022) - Athlete First: 2022 year end hurdle report

Nunn-Cearns, Glynis (AUS) (1960)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Quarter-Final 1 - 1983 IAAF World Championships (Helsinki, FIN)																		
date	12-Aug-83	time	2.81	3.83	4.93	5.96	6.93	7.97	8.95	9.47	10.98	12.08		13.23	/ 3			
reaction time		interval		1.02	1.10	1.03	0.97	1.04	0.98	0.52	1.51	1.10	1.15			3.15	2.99	3.13
wind	1.4 m/s	velocity	4.63	8.33	7.73	8.25	8.76	8.17	8.67	16.35	5.63	7.73	9.13	7.56		8.10	8.53	8.15

Knobe (1984) - the hurdles

Skeete, Lesley-Ann (GBR) (1967)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)																		
Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988																		
date	29-Sep-88	time	2.64	3.69	4.75	5.77	6.81	7.82	8.85	9.89	10.97	12.05		13.23	1 / 6			
reaction time	0.178	interval		1.05	1.06	1.02	1.04	1.01	1.03	1.04	1.08	1.08	1.18			3.13	3.08	3.20
wind	0.5 m/s	velocity	4.92	8.10	8.02	8.33	8.17	8.42	8.25	8.17	7.87	7.87	8.90	7.56		8.15	8.28	7.97

Tuzzi, Carla (ITA) (1967)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1997 European Cup (Munich, GER)																		
Jung (2003) - http://www.fgs.uni-halle.de																		
date	22-Jun-97	time	2.68	3.76	4.80	5.81	6.84	7.84	8.87	9.95	11.00	12.10		13.23	/ 4			
reaction time		interval		1.08	1.04	1.01	1.03	1.00	1.03	1.08	1.05	1.10	1.13			3.13	3.06	3.23
wind	0.7 m/s	velocity	4.85	7.87	8.17	8.42	8.25	8.50	8.25	7.87	8.10	7.73	9.29	7.56		8.15	8.33	7.89

Allahgreen, Diane (GBR) (1975)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2001 European Cup (Bremen, GER)																		
Graubner (2007) - http://www.fgs.uni-halle.de																		
date	24-Jun-01	time	2.62	3.67	4.74	5.79	6.82	7.84	8.90	9.94	11.04	12.07		13.23	/ 4			
reaction time	0.130	interval		1.05	1.07	1.05	1.03	1.02	1.06	1.04	1.10	1.03	1.16			3.17	3.11	3.17
wind	0.6 m/s	velocity	4.96	8.10	7.94	8.10	8.25	8.33	8.02	8.17	7.73	8.25	9.05	7.56		8.04	8.20	8.04

Macchiut, Margaret (ITA) (1974)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2001 European Cup (Bremen, GER)																		
Graubner (2007) - http://www.fgs.uni-halle.de																		
date	24-Jun-01	time	2.69	3.76	4.84	5.87	6.91	7.92	8.96	9.98	11.03	12.10		13.23	/ 5			
reaction time	0.128	interval		1.07	1.08	1.03	1.04	1.01	1.04	1.02	1.05	1.07	1.13			3.18	3.09	3.14
wind	0.6 m/s	velocity	4.83	7.94	7.87	8.25	8.17	8.42	8.17	8.33	8.10	7.94	9.29	7.56		8.02	8.25	8.12

Kimura, Ayako (JPN) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 Japanese National Championships (Nagoya, JPN)																		
Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers																		
date	26-Jun-16	time	2.62	3.65	4.68	5.70	6.71	7.74	8.79	9.86	10.94	12.02		13.23	5 / 1			
reaction time	0.159	interval		1.03	1.03	1.02	1.01	1.03	1.05	1.07	1.08	1.08	1.21			3.08	3.09	3.23
wind	2.1 m/s	velocity	4.96	8.25	8.25	8.33	8.42	8.25	8.10	7.94	7.87	7.87	8.68	7.56		8.28	8.25	7.89

Kimura, Ayako (JPN) (1988)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 3 - 2017 Fuse Sprint (Tottori, JPN)																		
(2017) - tfdata-store.com/2017/06/04/post-848/																		
date	04-Jun-17	time	2.63	3.68	4.70	5.73	6.75	7.78	8.83	9.89	10.94	12.01		13.23	6 / 1			
reaction time		interval		1.05	1.02	1.03	1.02	1.03	1.05	1.06	1.05	1.07	1.22			3.10	3.10	3.18
wind	1.3 m/s	velocity	4.94	8.10	8.33	8.25	8.33	8.25	8.10	8.02	8.10	7.94	8.61	7.56		8.23	8.23	8.02

Jung Hye-Lim (KOR) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN)																		
Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad																		
date	06-May-18	time	2.67	3.71	4.75	5.77	6.81	7.84	8.88	9.93	11.00	12.09		13.23	4 / 1			
reaction time		interval		1.04	1.04	1.02	1.04	1.03	1.04	1.05	1.07	1.09	1.14			3.10	3.11	3.21
wind	-0.5 m/s	velocity	4.87	8.17	8.17	8.33	8.17	8.25	8.17	8.10	7.94	7.80	9.21	7.56		8.23	8.20	7.94

Johnson, Alaysha (USA) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 USATF National Champinships (Des Moines, IA) (TV Analysis)																		
Henson (2020) - Athlete First: 2018 year end hurdle report																		
date	23-Jun-18	time	2.60	3.70	4.75	5.80	6.80	7.77	8.77	9.77	10.81	11.89		13.23	8 / 7			
reaction time		interval		1.10	1.05	1.05	1.00	0.97	1.00	1.00	1.04	1.08	1.34			3.20	2.97	3.12
wind	-1.4 m/s	velocity	5.00	7.73	8.10	8.10	8.50	8.76	8.50	8.50	8.17	7.87	7.84	7.56		7.97	8.59	8.17

Zagré, Anne (BEL) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)																		
CAA Hurdle Development (2019)																		
date	06-Oct-19	time	2.61	3.64	4.63	5.61	6.59	7.56	8.54	9.56	10.58	11.62		13.23	9 / ~~5~~			
reaction time	0.135	interval		1.03	0.99	0.98	0.98	0.97	0.98	1.02	1.02	1.04	1.61	DQ		3.00	2.93	3.08
wind	0.6 m/s	velocity	4.98	8.25	8.59	8.67	8.67	8.76	8.67	8.33	8.33	8.17	6.24	7.56		8.50	8.70	8.28

Tanaka, Yumi (JPN) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)																		
Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season																		
date	01-Jun-21	time	2.64	3.67	4.73	5.77	6.79	7.82	8.84	9.90	10.97	12.05		13.23	5 / 3			
reaction time	0.157	interval		1.03	1.06	1.04	1.02	1.03	1.02	1.06	1.07	1.08	1.18			3.13	3.07	3.21
wind	0.3 m/s	velocity	4.92	8.25	8.02	8.17	8.33	8.25	8.33	8.02	7.94	7.87	8.52	7.56		8.15	8.31	7.94

Wu Yanni (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)																		
CAA Hurdle Development (2021)																		
date	25-Jun-21	time	2.68	3.75	4.79	5.82	6.84	7.87	8.89	9.93	10.99	12.04		13.23	3 / 1			
reaction time	0.149	interval		1.07	1.04	1.03	1.02	1.03	1.02	1.04	1.06	1.05	1.19			3.14	3.07	3.15
wind	-0.3 m/s	velocity	4.85	7.94	8.17	8.25	8.33	8.25	8.33	8.17	8.02	8.10	8.45	7.56		8.12	8.31	8.10

Shimura, Hitomi (JPN) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN)																		
Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season																		
date	01-May-22	time	2.64	3.71	4.74	5.77	6.79	7.82	8.86	9.91	10.98	12.05		13.23	5 / 2			
reaction time	0.153	interval		1.07	1.03	1.03	1.02	1.03	1.04	1.05	1.07	1.07	1.18			3.13	3.09	3.19
wind	-0.6 m/s	velocity	4.92	7.94	8.25	8.25	8.33	8.25	8.17	8.10	7.94	7.94	8.52	7.56		8.15	8.25	7.99

Phillips, Leah (USA) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	28-Jun-24	time	2.58	3.62	4.66	5.69	6.74	7.77	8.84	9.88	10.93	12.01		13.23	3 / 4			
reaction time		interval		1.04	1.04	1.03	1.05	1.03	1.07	1.04	1.05	1.08	1.22			3.11	3.15	3.17
wind	0.2 m/s	velocity	5.04	8.17	8.17	8.25	8.10	8.25	7.94	8.17	8.10	7.87	8.24	7.56		8.20	8.10	8.04

Nakajima, Hitomi (JPN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National Championsips (Niigata, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	30-Jun-24	time	2.66	3.71	4.73	5.76	6.77	7.81	8.85	9.91	10.96	12.06		13.23	8 / 7			
reaction time	0.142	interval		1.05	1.02	1.03	1.01	1.04	1.04	1.06	1.05	1.10	1.17			3.10	3.09	3.21
wind	-0.2 m/s	velocity	4.89	8.10	8.33	8.25	8.42	8.17	8.17	8.02	8.10	7.73	8.59	7.56		8.23	8.25	7.94

Chen Jiamin (CHN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)															*Shandong Athletics Sport Science (2024)*			
date	30-Jun-24	time	2.70	3.74	4.76	5.79	6.84	7.89	8.92	9.94	11.02	12.08		13.23	7 / 3			
reaction time	0.151	interval		1.04	1.02	1.03	1.05	1.05	1.03	1.02	1.08	1.06	1.15			3.09	3.13	3.16
wind	0.2 m/s	velocity	4.81	8.17	8.33	8.25	8.10	8.10	8.25	8.33	7.87	8.02	8.74	7.56		8.25	8.15	8.07

Ali, Nia (USA) (1988)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.53	3.62	4.66	5.68	6.70	7.72	8.75	9.79	10.85	11.92		13.23	2 / 9			
reaction time	0.173	interval		1.09	1.04	1.02	1.02	1.02	1.03	1.04	1.06	1.07	1.31			3.15	3.07	3.17
wind	-0.2 m/s	velocity	5.14	7.80	8.17	8.33	8.33	8.33	8.25	8.17	8.02	7.94	7.67	7.56		8.10	8.31	8.04

Fitzgerald, Benita (USA) (1961)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. USA (Leningrad, URS)															*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date	11-Jul-81	time	2.66	3.70	4.71	5.74	6.83	7.90	8.93	9.94	11.02	12.09		13.24	/ 3			
reaction time		interval		1.04	1.01	1.03	1.09	1.07	1.03	1.01	1.08	1.07	1.15			3.08	3.19	3.16
wind	0.3 m/s	velocity	4.89	8.17	8.42	8.25	7.80	7.94	8.25	8.42	7.87	7.94	9.13	7.55		8.28	7.99	8.07

Shimura, Hitomi (JPN) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)															*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date	29-Apr-16	time	2.65	3.75	4.81	5.85	6.88	7.91	8.95	9.99	11.04	12.11		13.24	4 / 2			
reaction time		interval		1.10	1.06	1.04	1.03	1.03	1.04	1.04	1.05	1.07	1.13			3.20	3.10	3.16
wind	1.1 m/s	velocity	4.91	7.73	8.02	8.17	8.25	8.25	8.17	8.17	8.10	7.94	9.29	7.55		7.97	8.23	8.07

Jung Hye-Lim (KOR) (1987)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)															*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date	07-May-17	time	2.62	3.67	4.70	5.73	6.75	7.77	8.81	9.88	10.95	12.04		13.24	6 / 1			
reaction time		interval		1.05	1.03	1.03	1.02	1.02	1.04	1.07	1.07	1.09	1.20			3.11	3.08	3.23
wind	-0.6 m/s	velocity	4.96	8.10	8.25	8.25	8.33	8.33	8.17	7.94	7.94	7.80	8.75	7.55		8.20	8.28	7.89

Wu Shuijiao (CHN) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2017 Chinese National Games (Tianjin, CHN)															*Henson (2017) - coaching observations*			
date	03-Sep-17	time	2.65	3.69	4.73	5.75	6.77	7.79	8.82	9.89	10.94	12.02		13.24	4 / 1			
reaction time		interval		1.04	1.04	1.02	1.02	1.02	1.03	1.07	1.05	1.08	1.22			3.10	3.07	3.20
wind	0.0 m/s	velocity	4.91	8.17	8.17	8.33	8.33	8.33	8.25	7.94	8.10	7.87	8.61	7.55		8.23	8.31	7.97

Chen Jiamin (CHN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)															*CAA Hurdle Development (2019)*			
date	24-Apr-19	time	2.62	3.67	4.69	5.72	6.74	7.76	8.80	9.86	10.96	12.06		13.24	6 / 2			
reaction time	0.150	interval		1.05	1.02	1.03	1.02	1.02	1.04	1.06	1.10	1.10	1.18	PB		3.10	3.08	3.26
wind	1.3 m/s	velocity	4.96	8.10	8.33	8.25	8.33	8.33	8.17	8.02	7.73	7.73	8.90	7.55		8.23	8.28	7.82

Kiyoyama, Chisato (JPN) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)															*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date	29-Jun-19	time	2.67	3.75	4.79	5.83	6.85	7.87	8.90	9.96	11.01	12.08		13.24	2 / 5			
reaction time	0.161	interval		1.08	1.04	1.04	1.02	1.02	1.03	1.06	1.05	1.07	1.16	PB		3.16	3.07	3.18
wind	0.6 m/s	velocity	4.87	7.87	8.17	8.17	8.33	8.33	8.25	8.02	8.10	7.94	9.05	7.55		8.07	8.31	8.02

Dai Yiru (CHN) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN)															*CAA Hurdle Development (2019)*			
date	02-Aug-19	time	2.62	3.65	4.72	5.72	6.74	7.77	8.81	9.88	10.94	12.06		13.24	4 / 1			
reaction time	0.178	interval		1.03	1.07	1.00	1.02	1.03	1.04	1.07	1.06	1.12	1.18	PB		3.10	3.09	3.25
wind	0.0 m/s	velocity	4.96	8.25	7.94	8.50	8.33	8.25	8.17	7.94	8.02	7.59	8.90	7.55		8.23	8.25	7.85

Hurske, Reetta (FIN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)															*CAA Hurdle Development (2019)*			
date	06-Oct-19	time	2.57	3.62	4.64	5.64	6.65	7.65	8.68	9.71	10.78	11.85		13.24	8 / ~~6~~ 5			
reaction time	0.128	interval		1.05	1.02	1.00	1.01	1.00	1.03	1.03	1.07	1.07	1.39			3.07	3.04	3.17
wind	0.6 m/s	velocity	5.06	8.10	8.33	8.50	8.42	8.50	8.25	8.25	7.94	7.94	7.23	7.55		8.31	8.39	8.04

Sedney, Zoë (NED) (2001)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	25-Sep-20	time	2.56	3.63	4.66	5.73	6.73	7.73	8.76	9.83	10.86	12.00		13.24	2 / 5			
reaction time	0.168	interval		1.07	1.03	1.07	1.00	1.00	1.03	1.07	1.03	1.14	1.24	PB		3.17	3.03	3.24
wind	1.1 m/s	velocity	5.08	7.94	8.25	7.94	8.50	8.50	8.25	7.94	8.25	7.46	8.10	7.55		8.04	8.42	7.87

Anderson, Britany (JAM) (2001)

FINAL - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	02-Aug-21	time	2.48	3.50	4.50	5.50	6.48	7.44	8.46	9.48	10.64	11.80		13.24	7 / 8			
reaction time	0.164	interval		1.02	1.00	1.00	0.98	0.96	1.02	1.02	1.16	1.16	1.44			3.02	2.96	3.34
wind	-0.3 m/s	velocity	5.24	8.33	8.50	8.50	8.67	8.85	8.33	8.33	7.33	7.33	6.98	7.55		8.44	8.61	7.63

Deng Xuelin (CHN) (1998)

FINAL - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-21	time	2.72	3.75	4.79	5.82	6.84	7.86	8.89	9.93	10.98	12.06		13.24	2 / 4			
reaction time	0.219	interval		1.03	1.04	1.03	1.02	1.02	1.03	1.04	1.05	1.08	1.18	PB		3.10	3.07	3.17
wind	1.7 m/s	velocity	4.78	8.25	8.17	8.25	8.33	8.33	8.25	8.17	8.10	7.87	8.52	7.55		8.23	8.31	8.04

Lin Yuwei (CHN) (1999)

FINAL - 2021 Flavour Hangzhou Athletics Meeting (Hangzhou, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	09-Jul-21	time	2.62	3.67	4.74	5.77	6.81	7.82	8.86	9.91	10.96	12.05		13.24	4 / 1			
reaction time	0.142	interval		1.05	1.07	1.03	1.04	1.01	1.04	1.05	1.05	1.09	1.19			3.15	3.09	3.19
wind	-0.3 m/s	velocity	4.96	8.10	7.94	8.25	8.17	8.42	8.17	8.10	8.10	7.80	8.45	7.55		8.10	8.25	7.99

Shi Jiali (CHN) (1997)

FINAL - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-21	time	2.63	3.70	4.76	5.80	6.82	7.84	8.87	9.93	10.97	12.04		13.24	8 / 5			
reaction time	0.172	interval		1.07	1.06	1.04	1.02	1.02	1.03	1.06	1.04	1.07	1.20			3.17	3.07	3.17
wind	1.7 m/s	velocity	4.94	7.94	8.02	8.17	8.33	8.33	8.25	8.02	8.17	7.94	8.37	7.55		8.04	8.31	8.04

Dai Yiru (CHN) (2001)

Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	21-Sep-21	time	2.53	3.54	4.58	5.60	6.61	7.62	8.67	9.74	10.83	11.92		13.24	7 / 3			
reaction time	0.147	interval		1.01	1.04	1.02	1.01	1.01	1.05	1.07	1.09	1.09	1.32			3.07	3.07	3.25
wind	0.1 m/s	velocity	5.14	8.42	8.17	8.33	8.42	8.42	8.10	7.94	7.80	7.80	7.61	7.55		8.31	8.31	7.85

Kiepura, Monika (POL) (2000)

FINAL - 2022 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Jun-22	time	2.56	3.62	4.66	5.68	6.70	7.74	8.80	9.86	10.90	11.98		13.24	3 / 7			
reaction time		interval		1.06	1.04	1.02	1.02	1.04	1.06	1.06	1.04	1.08	1.26			3.12	3.12	3.18
wind	0.2 m/s	velocity	5.08	8.02	8.17	8.33	8.33	8.17	8.02	8.02	8.17	7.87	7.98	7.55		8.17	8.17	8.02

Mayer, Isabel (GER) (1993)

FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Sep-22	time	2.60	3.68	4.72	5.72	6.76	7.78	8.82	9.88	10.94	12.02		13.24	1 / 5			
reaction time	0.153	interval		1.08	1.04	1.00	1.04	1.02	1.04	1.06	1.06	1.08	1.22	PB		3.12	3.10	3.20
wind	-0.3 m/s	velocity	5.00	7.87	8.17	8.50	8.17	8.33	8.17	8.02	8.02	7.87	8.24	7.55		8.17	8.23	7.97

Kiyoyama, Chisato (JPN) (1991)

FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	29-Apr-23	time	2.67	3.74	4.76	5.80	6.81	7.83	8.87	9.91	10.98	12.06		13.24	8 / 5			
reaction time	0.160	interval		1.07	1.02	1.04	1.01	1.02	1.04	1.04	1.07	1.08	1.18			3.13	3.07	3.19
wind	0.6 m/s	velocity	4.87	7.94	8.33	8.17	8.42	8.33	8.17	8.17	7.94	7.87	8.52	7.55		8.15	8.31	7.99

Turpin, Esther (FRA) (1996)

Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2024) - Athlete First: 2023 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	19-Aug-23	time	2.70	3.73	4.75	5.75	6.80	7.83	8.85	9.90	10.96	12.08		13.24	3 / 4			
reaction time	0.172	interval		1.03	1.02	1.00	1.05	1.03	1.02	1.05	1.06	1.12	1.16			3.05	3.10	3.23
wind	0.4 m/s	velocity	4.81	8.25	8.33	8.50	8.10	8.25	8.33	8.10	8.02	7.59	8.66	7.55		8.36	8.23	7.89

Phillips, Leah (USA) (2002)

Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	29-Jun-24	time	2.57	3.62	4.66	5.70	6.73	7.76	8.81	9.84	10.91	12.00		13.24	8 / 8			
reaction time		interval		1.05	1.04	1.04	1.03	1.03	1.05	1.03	1.07	1.09	1.24			3.13	3.11	3.19
wind	0.8 m/s	velocity	5.06	8.10	8.17	8.17	8.25	8.25	8.10	8.25	7.94	7.80	8.10	7.55		8.15	8.20	7.99

Lin Yuwei (CHN) (1999)

Heat 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Aug-24	time	2.49	3.56	4.61	5.64	6.66	7.68	8.70	9.75	10.81	11.89		13.24	6 / 7			
reaction time	0.147	interval		1.07	1.05	1.03	1.02	1.02	1.02	1.05	1.06	1.08	1.35			3.15	3.06	3.19
wind	-0.6 m/s	velocity	5.22	7.94	8.10	8.25	8.33	8.33	8.33	8.10	8.02	7.87	7.44	7.55		8.10	8.33	7.99

Chatfield, Emelia (HAI) (2001)

Repechage 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.49	3.57	4.64	5.69	6.72	7.75	8.79	9.84	10.89	11.95		13.24	3 / 6			
reaction time	0.151	interval		1.08	1.07	1.05	1.03	1.03	1.04	1.05	1.05	1.06	1.29			3.20	3.10	3.16
wind	0.1 m/s	velocity	5.22	7.87	7.94	8.10	8.25	8.25	8.17	8.10	8.10	8.02	7.79	7.55		7.97	8.23	8.07

Valadzko, Yauhenia (BLR) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-07	time	2.76	3.80	4.83	5.84	6.85	7.88	8.89	9.93	10.99	12.09		13.25	/ 6			
reaction time	0.248	interval		1.04	1.03	1.01	1.01	1.03	1.01	1.04	1.06	1.10	1.16			3.08	3.05	3.20
wind	0.9 m/s	velocity	4.71	8.17	8.25	8.42	8.42	8.25	8.42	8.17	8.02	7.73	9.05	7.55		8.28	8.36	7.97

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Kinan Memorial (Osaka, JPN) *(2016.05.11) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	08-May-16	time	2.62	3.67	4.72	5.73	6.76	7.80	8.83	9.86	10.94	12.03		13.25	6 / 1			
reaction time		interval		1.05	1.05	1.01	1.03	1.04	1.03	1.03	1.08	1.09	1.22			3.11	3.10	3.20
wind	0.6 m/s	velocity	4.96	8.10	8.10	8.42	8.25	8.17	8.25	8.25	7.87	7.80	8.61	7.55		8.20	8.23	7.97

Pearson, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	05-Jun-16	time	2.53	3.56	4.60	5.63	6.66	7.68	8.70	9.74	10.80	11.93		13.25	4 / 7			
reaction time	0.129	interval		1.03	1.04	1.03	1.03	1.02	1.02	1.04	1.06	1.13	1.32			3.10	3.07	3.23
wind	-0.3 m/s	velocity	5.14	8.25	8.17	8.25	8.25	8.33	8.33	8.17	8.02	7.52	7.95	7.55		8.23	8.31	7.89

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Michitaka Memorial (Osaka, JPN) *(2017) - tfdata-store.com/2017/05/08/post-413/*

date	07-May-17	time	2.62	3.68	4.71	5.73	6.76	7.78	8.83	9.88	10.95	12.04		13.25	4 / 2			
reaction time		interval		1.06	1.03	1.02	1.03	1.02	1.05	1.05	1.07	1.09	1.21			3.11	3.10	3.21
wind	-0.6 m/s	velocity	4.96	8.02	8.25	8.33	8.25	8.33	8.10	8.10	7.94	7.80	8.68	7.55		8.20	8.23	7.94

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.51	3.58	4.60	5.63	6.65	7.65	8.68	9.73	10.80	11.89		13.25	3 / 7			
reaction time	0.145	interval		1.07	1.02	1.03	1.02	1.00	1.03	1.05	1.07	1.09	1.36			3.12	3.05	3.21
wind	0.5 m/s	velocity	5.18	7.94	8.33	8.25	8.33	8.50	8.25	8.10	7.94	7.80	7.72	7.55		8.17	8.36	7.94

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.66	3.70	4.74	5.77	6.77	7.82	8.86	9.91	10.97	12.06		13.25	5 / 1			
reaction time	0.166	interval		1.04	1.04	1.03	1.00	1.05	1.04	1.05	1.06	1.09	1.19			3.11	3.09	3.20
wind	0.2 m/s	velocity	4.89	8.17	8.17	8.25	8.50	8.10	8.17	8.10	8.02	7.80	8.82	7.55		8.20	8.25	7.97

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.70	3.75	4.80	5.81	6.85	7.88	8.90	9.94	10.98	12.04		13.25	3 / 2			
reaction time	0.219	interval		1.05	1.05	1.01	1.04	1.03	1.02	1.04	1.04	1.06	1.21	PB		3.11	3.09	3.14
wind	0.0 m/s	velocity	4.81	8.10	8.10	8.42	8.17	8.25	8.33	8.17	8.17	8.02	8.68	7.55		8.20	8.25	8.12

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN) *Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*

date	01-Sep-19	time	2.64	3.73	4.76	5.78	6.79	7.83	8.87	9.92	10.99	12.07		13.25	5 / 3			
reaction time		interval		1.09	1.03	1.02	1.01	1.04	1.04	1.05	1.07	1.08	1.18			3.14	3.09	3.20
wind	1.2 m/s	velocity	4.92	7.80	8.25	8.33	8.42	8.17	8.17	8.10	7.94	7.87	8.90	7.55		8.12	8.25	7.97

Schrott, Beate (AUT) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT) *CAA Hurdle Development (2019)*

date	06-Oct-19	time	2.71	3.77	4.78	5.81	6.81	7.83	8.85	9.89	10.94	12.02		13.25	3 / ~~7~~ 6			
reaction time	0.150	interval		1.06	1.01	1.03	1.00	1.02	1.02	1.04	1.05	1.08	1.23			3.10	3.04	3.17
wind	0.6 m/s	velocity	4.80	8.02	8.42	8.25	8.50	8.33	8.33	8.17	8.10	7.87	8.17	7.55		8.23	8.39	8.04

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	25-Sep-20	time	2.53	3.63	4.66	5.73	6.76	7.76	8.80	9.86	10.93	12.00		13.25	3 / 6			
reaction time	0.140	interval		1.10	1.03	1.07	1.03	1.00	1.04	1.06	1.07	1.07	1.25			3.20	3.07	3.20
wind	1.1 m/s	velocity	5.14	7.73	8.25	7.94	8.25	8.50	8.17	8.02	7.94	7.94	8.04	7.55		7.97	8.31	7.97

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.72	3.77	4.84	5.86	6.87	7.90	8.92	9.96	11.01	12.07		13.25	5 / 2			
reaction time	0.212	interval		1.05	1.07	1.02	1.01	1.03	1.02	1.04	1.05	1.06	1.18			3.14	3.06	3.15
wind	0.1 m/s	velocity	4.78	8.10	7.94	8.33	8.42	8.25	8.33	8.17	8.10	8.02	8.52	7.55		8.12	8.33	8.10

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.57	3.62	4.63	5.67	6.70	7.75	8.77	9.82	10.93	12.02		13.25	2 / 7			

reaction time	0.146	interval		1.05	1.01	1.04	1.03	1.05	1.02	1.05	1.11	1.09	1.23			3.10	3.10	3.25
wind	1.0 m/s	velocity	5.06	8.10	8.42	8.17	8.25	8.10	8.33	8.10	7.66	7.80	8.17	7.55		8.23	8.23	7.85

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 22-Sep-21 time	2.53	3.60	4.64	5.68	6.70	7.73	8.77	9.83	10.90	11.97		13.25	2 / 5			
reaction time 0.149 interval		1.07	1.04	1.04	1.02	1.03	1.04	1.06	1.07	1.07	1.28	**PB**		3.15	3.09	3.20
wind 0.1 m/s velocity	5.14	7.94	8.17	8.17	8.33	8.25	8.17	8.02	7.94	7.94	7.85	7.55		8.10	8.25	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.62	3.70	4.77	5.83	6.87	7.91	8.96	10.01	11.07	12.12		13.25	4 / 3			
reaction time 0.138 interval		1.08	1.07	1.06	1.04	1.04	1.05	1.05	1.06	1.05	1.13			3.21	3.13	3.16
wind -2.8 m/s velocity	4.96	7.87	7.94	8.02	8.17	8.17	8.10	8.10	8.02	8.10	8.89	7.55		7.94	8.15	8.07

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 12-May-24 time	2.59	3.64	4.69	5.72	6.76	7.80	8.84	9.89	10.96	12.05		13.25	6 / 6			
reaction time 0.140 interval		1.05	1.05	1.03	1.04	1.04	1.04	1.05	1.07	1.09	1.20			3.13	3.12	3.21
wind 0.2 m/s velocity	5.02	8.10	8.10	8.25	8.17	8.17	8.17	8.10	7.94	7.80	8.38	7.55		8.15	8.17	7.94

Forster, Viktória (SVK) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 European Athletics Championships (Roma, ITA) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 08-Jun-24 time	2.66	3.73	4.76	5.76	6.74	7.73	8.86	9.90	10.95	12.06		13.25	2 / 8			
reaction time 0.173 interval		1.07	1.03	1.00	0.98	0.99	1.13	1.04	1.05	1.11	1.19			3.10	3.10	3.20
wind 0.8 m/s velocity	4.89	7.94	8.25	8.50	8.67	8.59	7.52	8.17	8.10	7.66	8.45	7.55		8.23	8.23	7.97

Johnson, Brandeé (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24 time	2.61	3.67	4.74	5.79	6.83	7.86	8.89	9.92	10.98	12.04		13.25	2 / 9			
reaction time interval		1.06	1.07	1.05	1.04	1.03	1.03	1.03	1.06	1.06	1.21			3.18	3.10	3.15
wind 0.8 m/s velocity	4.98	8.02	7.94	8.10	8.17	8.25	8.25	8.25	8.02	8.02	8.31	7.55		8.02	8.23	8.10

Skeete, Lesley-Ann (GBR) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1991 European Cup (Frankfurt, GER)													*Graubner (2008) - http://www.fgs.uni-halle.de*			
date 30-Jun-91 time	2.61	3.68	4.74	5.78	6.81	7.86	8.90	9.94	11.02	12.08		13.26	/ 5			
reaction time interval		1.07	1.06	1.04	1.03	1.05	1.04	1.04	1.08	1.06	1.18			3.17	3.12	3.18
wind -2.1 m/s velocity	4.98	7.94	8.02	8.17	8.25	8.10	8.17	8.17	7.87	8.02	8.90	7.54		8.04	8.17	8.02

Perry, Michelle (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.54	3.67	4.84	5.87	6.87	7.90	8.93	9.95	10.99	12.05		13.26	1 / ~~8~~ 7			
reaction time interval		1.13	1.17	1.03	1.00	1.03	1.03	1.02	1.04	1.06	1.21			3.33	3.06	3.12
wind -0.1 m/s velocity	5.12	7.52	7.26	8.25	8.50	8.25	8.25	8.33	8.17	8.02	8.68	7.54		7.66	8.33	8.17

Joshita, Rena (JPN) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Japanese National Championships (Hiroshima, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 26-Jun-09 time	2.49	3.57	4.63	5.68	6.72	7.76	8.80	9.84	10.90	11.97		13.26	6 / 3			
reaction time interval		1.08	1.06	1.05	1.04	1.04	1.04	1.04	1.06	1.07	1.29	**PB**		3.19	3.12	3.17
wind 1.9 m/s velocity	5.22	7.87	8.02	8.10	8.17	8.17	8.17	8.17	8.02	7.94	8.14	7.54		7.99	8.17	8.04

Pedersen, Isabelle (NOR) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 03-May-19 time	2.60	3.64	4.64	5.64	6.64	7.66	8.70	9.76	10.86	11.96		13.26	1 / 9			
reaction time 0.187 interval		1.04	1.00	1.00	1.00	1.02	1.04	1.06	1.10	1.10	1.30			3.04	3.06	3.26
wind 0.9 m/s velocity	5.00	8.17	8.50	8.50	8.50	8.33	8.17	8.02	7.73	7.73	8.08	7.54		8.39	8.33	7.82

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 07-Jun-19 time	2.66	3.73	4.78	5.82	6.84	7.87	8.89	9.93	10.97	12.04		13.26	3 / 3			
reaction time 0.190 interval		1.07	1.05	1.04	1.02	1.03	1.02	1.04	1.04	1.07	1.22			3.16	3.07	3.15
wind 2.3 m/s velocity	4.89	7.94	8.10	8.17	8.33	8.25	8.33	8.17	8.17	7.94	8.61	7.54		8.07	8.31	8.10

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20 time	2.50	3.57	4.60	5.67	6.70	7.73	8.76	9.80	10.87	11.97		13.26	6 / 2			
reaction time 0.145 interval		1.07	1.03	1.07	1.03	1.03	1.03	1.04	1.07	1.10	1.29			3.17	3.09	3.21
wind -0.2 m/s velocity	5.20	7.94	8.25	7.94	8.25	8.25	8.25	8.17	7.94	7.73	7.79	7.54		8.04	8.25	7.94

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21 time	2.65	3.70	4.75	5.79	6.84	7.87	8.92	9.98	11.01	12.10		13.26	9 / 3			
reaction time 0.159 interval		1.05	1.05	1.04	1.05	1.03	1.05	1.06	1.03	1.09	1.16			3.14	3.13	3.18

wind	-0.8 m/s	velocity	4.91	8.10	8.10	8.17	8.10	8.25	8.10	8.02	8.25	7.80	8.66	7.54		8.12	8.15	8.02

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Fuse Sprint (Tottori, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 06-Jun-21 time	2.64	3.68	4.73	5.74	6.77	7.80	8.83	9.88	10.95	12.05		13.26	2 / 7			
reaction time 0.134 interval		1.04	1.05	1.01	1.03	1.03	1.03	1.05	1.07	1.10	1.21			3.10	3.09	3.22
wind 1.8 m/s velocity	4.92	8.17	8.10	8.42	8.25	8.25	8.25	8.10	7.94	7.73	8.31	7.54		8.23	8.25	7.92

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 22-Aug-23 time	2.64	3.70	4.75	5.78	6.81	7.85	8.88	9.93	10.99	12.08		13.26	4 / 8			
reaction time 0.136 interval		1.06	1.05	1.03	1.03	1.04	1.03	1.05	1.06	1.09	1.18			3.14	3.10	3.20
wind 0.1 m/s velocity	4.92	8.02	8.10	8.25	8.25	8.17	8.25	8.10	8.02	7.80	8.52	7.54		8.12	8.23	7.97

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.64	3.69	4.72	5.76	6.78	7.81	8.86	9.93	10.99	12.06		13.26	4 / 4			
reaction time 0.165 interval		1.05	1.03	1.04	1.02	1.03	1.05	1.07	1.06	1.07	1.20			3.12	3.10	3.20
wind -0.1 m/s velocity	4.92	8.10	8.25	8.17	8.33	8.25	8.10	7.94	8.02	7.94	8.38	7.54		8.17	8.23	7.97

McMillian, Sydni (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.65	3.72	4.76	5.81	6.82	7.84	8.89	9.92	10.99	12.04		13.26	6 / 5			
reaction time interval		1.07	1.04	1.05	1.01	1.02	1.05	1.03	1.07	1.05	1.22			3.16	3.08	3.15
wind 0.2 m/s velocity	4.91	7.94	8.17	8.10	8.42	8.33	8.10	8.25	7.94	8.10	8.24	7.54		8.07	8.28	8.10

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	2.65	3.71	4.76	5.80	6.82	7.86	8.89	9.94	10.99	12.06		13.26	5 / 1			
reaction time 0.157 interval		1.06	1.05	1.04	1.02	1.04	1.03	1.05	1.05	1.07	1.20			3.15	3.09	3.17
wind -0.5 m/s velocity	4.91	8.02	8.10	8.17	8.33	8.17	8.25	8.10	8.10	7.94	8.38	7.54		8.10	8.25	8.04

Forster, Viktória (SVK) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat A - 2024 Kamila Skolimowska Memorial (Silesia, POL)													*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.47	3.56	4.63	5.68	6.69	7.73	8.76	9.82	10.88	11.94		13.26	2 / 8			
reaction time 0.150 interval		1.09	1.07	1.05	1.01	1.04	1.03	1.06	1.06	1.06	1.32			3.21	3.08	3.18
wind -0.3 m/s velocity	5.26	7.80	7.94	8.10	8.42	8.17	8.25	8.02	8.02	8.02	7.61	7.54		7.94	8.28	8.02

McLellan, Sally (AUS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN)													*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date 30-Sep-07 time	2.49	3.58	4.64	5.69	6.73	7.76	8.79	9.84	10.90	11.97		13.27	/ 1			
reaction time interval		1.09	1.06	1.05	1.04	1.03	1.03	1.05	1.06	1.07	1.30			3.20	3.10	3.18
wind -0.8 m/s velocity	5.22	7.80	8.02	8.10	8.17	8.25	8.25	8.10	8.02	7.94	8.08	7.54		7.97	8.23	8.02

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Shizuoka International Athletics Meeting (Fukuroi, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 03-May-15 time	2.65	3.71	4.75	5.78	6.82	7.84	8.89	9.93	10.98	12.07		13.27	/ 1			
reaction time interval		1.06	1.04	1.03	1.04	1.02	1.05	1.04	1.05	1.09	1.20			3.13	3.11	3.18
wind 0.2 m/s velocity	4.91	8.02	8.17	8.25	8.17	8.33	8.10	8.17	8.10	7.80	8.75	7.54		8.15	8.20	8.02

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National Championships (Niigata, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 27-Jun-15 time	2.64	3.69	4.73	5.75	6.80	7.82	8.85	9.92	10.99	12.07		13.27	6 / 1			
reaction time 0.147 interval		1.05	1.04	1.02	1.05	1.02	1.03	1.07	1.07	1.08	1.20			3.11	3.10	3.22
wind -0.2 m/s velocity	4.92	8.10	8.17	8.33	8.10	8.33	8.25	7.94	7.94	7.87	8.75	7.54		8.20	8.23	7.92

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 29-Apr-16 time	2.65	3.72	4.75	5.77	6.82	7.85	8.90	9.94	11.00	12.08		13.27	5 / 3			
reaction time interval		1.07	1.03	1.02	1.05	1.03	1.05	1.04	1.06	1.08	1.19			3.12	3.13	3.18
wind 1.1 m/s velocity	4.91	7.94	8.25	8.33	8.10	8.25	8.10	8.17	8.02	7.87	8.82	7.54		8.17	8.15	8.02

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Open FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.64	3.71	4.77	5.80	6.84	7.88	8.93	9.98	11.03	12.10		13.27	2 / 2			
reaction time interval		1.07	1.06	1.03	1.04	1.04	1.05	1.05	1.05	1.07	1.17	PB		3.16	3.13	3.17
wind -0.2 m/s velocity	4.92	7.94	8.02	8.25	8.17	8.17	8.10	8.10	8.10	7.94	8.97	7.54		8.07	8.15	8.04

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Open FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.60	3.66	4.69	5.72	6.75	7.79	8.84	9.88	10.94	12.05		13.27	4 / 3			
reaction time interval		1.06	1.03	1.03	1.03	1.04	1.05	1.04	1.06	1.11	1.22			3.12	3.12	3.21
wind -0.2 m/s velocity	5.00	8.02	8.25	8.25	8.25	8.17	8.10	8.17	8.02	7.66	8.61	7.54		8.17	8.17	7.94

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19 time	2.60	3.68	4.75	5.81	6.84	7.88	8.90	9.96	11.02	12.09		13.27	3 / 3			
reaction time interval		1.08	1.07	1.06	1.03	1.04	1.02	1.06	1.06	1.07	1.18			3.21	3.09	3.19
wind 0.6 m/s velocity	5.00	7.87	7.94	8.02	8.25	8.17	8.33	8.02	8.02	7.94	8.90	7.54		7.94	8.25	7.99

Kerekes, Gréta (HUN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 19-Aug-20 time	2.53	3.57	4.64	5.67	6.71	7.74	8.80	9.84	10.88	11.94		13.27	2 / 7			
reaction time 0.121 interval		1.04	1.07	1.03	1.04	1.03	1.06	1.04	1.04	1.06	1.33			3.14	3.13	3.14
wind -0.2 m/s velocity	5.14	8.17	7.94	8.25	8.17	8.25	8.02	8.17	8.17	8.02	7.56	7.54		8.12	8.15	8.12

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 23-Aug-20 time	2.62	3.67	4.72	5.73	6.77	7.82	8.88	9.92	10.98	12.06		13.27	3 / 4			
reaction time 0.157 interval		1.05	1.05	1.01	1.04	1.05	1.06	1.04	1.06	1.08	1.21			3.11	3.15	3.18
wind 0.3 m/s velocity	4.96	8.10	8.10	8.42	8.17	8.10	8.02	8.17	8.02	7.87	8.31	7.54		8.20	8.10	8.02

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 08-Apr-21 time	2.72	3.80	4.84	5.88	6.92	7.96	9.00	10.06	11.12	12.16		13.27	3 / 2			
reaction time interval		1.08	1.04	1.04	1.04	1.04	1.04	1.06	1.06	1.04	1.11			3.16	3.12	3.16
wind -0.1 m/s velocity	4.78	7.87	8.17	8.17	8.17	8.17	8.17	8.02	8.02	8.17	9.05	7.54		8.07	8.17	8.07

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.71	3.75	4.79	5.84	6.87	7.91	8.93	9.96	11.02	12.10		13.27	7 / 1			
reaction time 0.166 interval	7 steps	1.04	1.04	1.05	1.03	1.04	1.02	1.03	1.06	1.08	1.17			3.13	3.09	3.17
wind 0.2 m/s velocity	4.80	8.17	8.17	8.10	8.25	8.17	8.33	8.25	8.02	7.87	8.59	7.54		8.15	8.25	8.04

Zheng Ninali (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.63	3.67	4.70	5.75	6.77	7.82	8.85	9.90	10.98	12.07		13.27	3 / 5			
reaction time 0.123 interval		1.04	1.03	1.05	1.02	1.05	1.03	1.05	1.08	1.09	1.20	PB		3.12	3.10	3.22
wind -0.8 m/s velocity	4.94	8.17	8.25	8.10	8.33	8.10	8.25	8.10	7.87	7.80	8.38	7.54		8.17	8.23	7.92

Wojtunik, Klaudia (POL) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 04-Sep-22 time	2.64	3.68	4.74	5.76	6.80	7.82	8.86	9.92	11.00	12.04		13.27	7 / 6			
reaction time 0.127 interval		1.04	1.06	1.02	1.04	1.02	1.04	1.06	1.08	1.04	1.23			3.12	3.10	3.18
wind -0.3 m/s velocity	4.92	8.17	8.02	8.33	8.17	8.33	8.17	8.02	7.87	8.17	8.17	7.54		8.17	8.23	8.02

Sun Xue (CHN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 Chinese National Games (Beijing, CHN)													*Bo (1996) - a study on female 100m hurdles running rhythm in the 7th national games*			
date 09-Sep-93 time	2.69	3.75	4.79	5.83	6.87	7.91	8.95	9.99	11.05	12.13		13.28	/ 7			
reaction time interval		1.06	1.04	1.04	1.04	1.04	1.04	1.04	1.06	1.08	1.15			3.14	3.12	3.18
wind 0.1 m/s velocity	4.83	8.02	8.17	8.17	8.17	8.17	8.17	8.17	8.02	7.87	9.13	7.53		8.12	8.17	8.02

Calloway, Dominqué (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													*USATF Women's Sprint Development (1996)*			
date 29-Jun-96 time	2.50	3.63	4.69	5.72	6.73	7.75	8.79	9.82	10.87	11.93		13.28	5 / 1			
reaction time interval		1.13	1.06	1.03	1.01	1.02	1.04	1.03	1.05	1.06	1.35			3.22	3.07	3.14
wind -2.5 m/s velocity	5.20	7.52	8.02	8.25	8.42	8.33	8.17	8.25	8.10	8.02	7.78	7.53		7.92	8.31	8.12

Harper, Dawn (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.60	3.69	4.72	5.76	6.79	7.81	8.86	9.91	10.98	12.03		13.28	5 / 1			
reaction time interval		1.09	1.03	1.04	1.03	1.02	1.05	1.05	1.07	1.05	1.25			3.16	3.10	3.17
wind 2.3 m/s velocity	5.00	7.80	8.25	8.17	8.25	8.33	8.10	8.10	7.94	8.10	8.40	7.53		8.07	8.23	8.04

Yanit, Nevin (TUR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2008 Olympic Games (Beijing, CHN)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
date 18-Aug-08 time	2.62	3.68	4.70	5.72	6.73	7.76	8.81	9.87	11.10	12.19		13.28	8 / ~~8~~ 7			
reaction time 0.201 interval		1.06	1.02	1.02	1.01	1.03	1.05	1.06	1.23	1.09	1.09			3.10	3.09	3.38
wind 0.2 m/s velocity	4.96	8.02	8.33	8.33	8.42	8.25	8.10	8.02	6.91	7.80	9.63	7.53		8.23	8.25	7.54

Ishino, Mami (JPN) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 23-Sep-08 time	2.51	3.59	4.62	5.65	6.68	7.71	8.75	9.80	10.87	11.96		13.28	/ 4			
reaction time interval		1.08	1.03	1.03	1.03	1.03	1.04	1.05	1.07	1.09	1.32			3.14	3.10	3.21
wind 0.1 m/s velocity	5.18	7.87	8.25	8.25	8.25	8.25	8.17	8.10	7.94	7.80	7.95	7.53		8.12	8.23	7.94

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)																
Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad																
date 20-May-18 time	2.64	3.70	4.73	5.76	6.79	7.82	8.87	9.92	10.99	12.07		13.28	5 / 4			
reaction time 0.160 interval		1.06	1.03	1.03	1.03	1.03	1.05	1.05	1.07	1.08	1.21			3.12	3.11	3.20
wind -0.6 m/s velocity	4.92	8.02	8.25	8.25	8.25	8.25	8.10	8.10	7.94	7.87	8.68	7.53		8.17	8.20	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)																
CAA Hurdle Development (2019)																
date 24-Apr-19 time	2.63	3.69	4.73	5.77	6.79	7.82	8.87	9.94	11.00	12.10		13.28	7 / 3			
reaction time 0.156 interval		1.06	1.04	1.04	1.02	1.03	1.05	1.07	1.06	1.10	1.18			3.14	3.10	3.23
wind 1.3 m/s velocity	4.94	8.02	8.17	8.17	8.33	8.25	8.10	7.94	8.02	7.73	8.90	7.53		8.12	8.23	7.89

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis)																
Henson (2021) - Athlete First: 2021 year end hurdle report																
date 23-May-21 time	2.56	3.66	4.72	5.76	6.78	7.80	8.82	9.86	10.94	12.02		13.28	5 / 1			
reaction time 0.159 interval		1.10	1.06	1.04	1.02	1.02	1.02	1.04	1.08	1.08	1.26			3.20	3.06	3.20
wind -3.9 m/s velocity	5.08	7.73	8.02	8.17	8.33	8.33	8.33	8.17	7.87	7.87	7.98	7.53		7.97	8.33	7.97

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese Student Games (Qingdao, CHN)																
CAA Hurdle Development (2021)																
date 14-Jul-21 time	2.53	3.57	4.60	5.67	6.67	7.73	8.77	9.80	10.90	11.97		13.28	6 / 2			
reaction time interval		1.04	1.03	1.07	1.00	1.06	1.04	1.03	1.10	1.07	1.31			3.14	3.10	3.20
wind -0.7 m/s velocity	5.14	8.17	8.25	7.94	8.50	8.02	8.17	8.25	7.73	7.94	7.67	7.53		8.12	8.23	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)																
Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season																
date 11-Jun-22 time	2.64	3.72	4.75	5.80	6.86	7.90	8.96	10.01	11.08	12.16		13.28	7 / 2			
reaction time 0.143 interval		1.08	1.03	1.05	1.06	1.04	1.06	1.05	1.07	1.08	1.12			3.16	3.16	3.20
wind 0.8 m/s velocity	4.92	7.87	8.25	8.10	8.02	8.17	8.02	8.10	7.94	7.87	8.97	7.53		8.07	8.07	7.97

Sułek, Adrianna (POL) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)																
Henson (2024) - Athlete First: 2022 year end hurdle report																
date 17-Jul-22 time	2.68	3.75	4.80	5.82	6.87	7.91	8.95	10.00	11.04	12.13		13.28	2 / 5			
reaction time 0.141 interval		1.07	1.05	1.02	1.05	1.04	1.04	1.05	1.04	1.09	1.15			3.14	3.13	3.18
wind 0.7 m/s velocity	4.85	7.94	8.10	8.33	8.10	8.17	8.17	8.10	8.17	7.80	8.74	7.53		8.12	8.15	8.02

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)																
Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season																
date 03-Jun-23 time	2.65	3.70	4.72	5.73	6.73	7.74	8.79	9.84	10.93	12.05		13.28	9 / 5			
reaction time 0.166 interval		1.05	1.02	1.01	1.00	1.01	1.05	1.05	1.09	1.12	1.23			3.08	3.06	3.26
wind -1.2 m/s velocity	4.91	8.10	8.33	8.42	8.50	8.42	8.10	8.10	7.80	7.59	8.17	7.53		8.28	8.33	7.82

Carraro, Elena (ITA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)																
Omega Timing (2023) - diamond league race analysis																
date 21-Jul-23 time	2.56	3.63	4.68	5.69	6.70	7.72	8.76	9.82	10.91	11.99		13.28	8 / 8			
reaction time 0.172 interval		1.07	1.05	1.01	1.01	1.02	1.04	1.06	1.09	1.08	1.29			3.13	3.07	3.23
wind 0.6 m/s velocity	5.08	7.94	8.10	8.42	8.42	8.33	8.17	8.02	7.80	7.87	7.79	7.53		8.15	8.31	7.89

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)																
Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season																
date 29-Apr-24 time	2.67	3.72	4.75	5.79	6.82	7.85	8.89	9.94	11.00	12.09		13.28	1 / 5			
reaction time 0.160 interval	7 steps	1.05	1.03	1.04	1.03	1.03	1.04	1.05	1.06	1.09	1.19	PB		3.12	3.10	3.20
wind -0.1 m/s velocity	4.87	8.10	8.25	8.17	8.25	8.25	8.17	8.10	8.02	7.80	8.45	7.53		8.17	8.23	7.97

Martin, LaVonna (USA) (1966)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)																
Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988																
date 29-Sep-88 time	2.63	3.69	4.72	5.77	6.80	7.84	8.89	9.93	11.01	12.09		13.29	8 / 7			
reaction time 0.158 interval		1.06	1.03	1.05	1.03	1.04	1.05	1.04	1.08	1.08	1.20			3.14	3.12	3.20
wind 0.5 m/s velocity	4.94	8.02	8.25	8.10	8.25	8.17	8.10	8.17	7.87	7.87	8.75	7.52		8.12	8.17	7.97

Ishino, Mami (JPN) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2007 IAAF World Championships (Osaka, JPN) *Kawakami (2010) - improving women's 100m hurdle japanese hurdler- analysis of race patterns based on touchdown times*																
date 27-Aug-07 time	2.71	3.74	4.76	5.79	6.82	7.84	8.89	9.94	11.01	12.09		13.29	3 / 8			
reaction time 0.172 interval		1.03	1.02	1.03	1.03	1.02	1.05	1.05	1.07	1.08	1.20			3.08	3.10	3.20
wind 0.4 m/s velocity	4.80	8.25	8.33	8.25	8.25	8.33	8.10	8.10	7.94	7.87	8.75	7.52		8.28	8.23	7.97

Barber, Aleesha (TTO) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2011 Windsprint (Sundsvall, SWE)																
Blomkvist (2011) - www.sub13.se																
date 31-Jul-11 time	2.47	3.53	4.57	5.60	6.62	7.66	8.70	9.75	10.80	11.89		13.29	/ 2			
reaction time interval		1.06	1.04	1.03	1.02	1.04	1.04	1.05	1.05	1.09	1.40			3.13	3.10	3.19
wind 1.4 m/s velocity	5.26	8.02	8.17	8.25	8.33	8.17	8.17	8.10	8.10	7.80	7.50	7.52		8.15	8.23	7.99

Billaud, Cindy (FRA) (1986)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*

date	07-Jul-16	time	2.62	3.66	4.70	5.70	6.68	7.70	8.72	9.78	10.84	11.94		13.29	3 / 7			
reaction time	0.143	interval		1.04	1.04	1.00	0.98	1.02	1.02	1.06	1.06	1.10	1.35			3.08	3.02	3.22
wind	-0.7 m/s	velocity	4.96	8.17	8.17	8.50	8.67	8.33	8.33	8.02	8.02	7.73	7.78	7.52		8.28	8.44	7.92

Kiyoyama, Chisato (JPN) (1991)

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *(2017) - tfdata-store.com/2017/05/01/458/*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Apr-17	time	2.71	3.79	4.85	5.87	6.90	7.92	8.96	9.98	11.05	12.13		13.29	5 / 1			
reaction time	interval		1.08	1.06	1.02	1.03	1.02	1.04	1.02	1.07	1.08	1.16			3.16	3.09	3.17
wind 4.1 m/s	velocity	4.80	7.87	8.02	8.33	8.25	8.33	8.17	8.33	7.94	7.87	9.05	7.52		8.07	8.25	8.04

Kimura, Ayako (JPN) (1988)

Semi-Final 2 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 11-Aug-17	time	2.48	3.55	4.59	5.63	6.66	7.69	8.72	9.77	10.84	11.93		13.29	2 / 8			
reaction time 0.163	interval		1.07	1.04	1.04	1.03	1.03	1.03	1.05	1.07	1.09	1.36			3.15	3.09	3.21
wind 0.5 m/s	velocity	5.24	7.94	8.17	8.17	8.25	8.25	8.25	8.10	7.94	7.80	7.72	7.52		8.10	8.25	7.94

Bakker, Sharona (NED) (1990)

Semi-Final 3 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 11-Aug-17	time	2.60	3.70	4.75	5.78	6.80	7.80	8.83	9.86	10.91	11.97		13.29	3 / 8			
reaction time 0.183	interval		1.10	1.05	1.03	1.02	1.00	1.03	1.03	1.05	1.06	1.32			3.18	3.05	3.14
wind 0.2 m/s	velocity	5.00	7.73	8.10	8.25	8.33	8.50	8.25	8.25	8.10	8.02	7.95	7.52		8.02	8.36	8.12

Westerlund, Elin (SWE) (1990)

FINAL - 2018 Bauhaus Athletics (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 10-Jun-18	time	2.56	3.62	4.70	5.76	6.78	7.80	8.84	9.90	10.96	12.04		13.29	8 / 8			
reaction time 0.148	interval		1.06	1.08	1.06	1.02	1.02	1.04	1.06	1.06	1.08	1.25			3.20	3.08	3.20
wind 1.3 m/s	velocity	5.08	8.02	7.87	8.02	8.33	8.33	8.17	8.02	8.02	7.87	8.40	7.52		7.97	8.28	7.97

Suzuki, Miho (JPN) (1996)

FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN) *Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 01-Sep-19	time	2.73	3.78	4.82	5.85	6.86	7.90	8.95	10.00	11.07	12.13		13.29	2 / 4			
reaction time	interval		1.05	1.04	1.03	1.01	1.04	1.05	1.05	1.07	1.06	1.16			3.12	3.10	3.18
wind 1.2 m/s	velocity	4.76	8.10	8.17	8.25	8.42	8.17	8.10	8.10	7.94	8.02	9.05	7.52		8.17	8.23	8.02

Harala, Lotta (FIN) (1992)

FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 08-Jul-20	time	2.56	3.66	4.70	5.73	6.76	7.80	8.83	9.86	10.93	12.03		13.29	3 / 4			
reaction time	interval		1.10	1.04	1.03	1.03	1.04	1.03	1.03	1.07	1.10	1.26			3.17	3.10	3.20
wind 0.7 m/s	velocity	5.08	7.73	8.17	8.25	8.25	8.17	8.25	8.25	7.94	7.73	7.98	7.52		8.04	8.23	7.97

Samba-Mayela, Cyrena (FRA) (2000)

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 17-Sep-20	time	2.48	3.66	4.78	5.84	6.88	7.90	8.92	9.92	10.94	12.00		13.29	7 / 7			
reaction time 0.131	interval		1.18	1.12	1.06	1.04	1.02	1.02	1.00	1.02	1.06	1.29			3.36	3.08	3.08
wind 0.1 m/s	velocity	5.24	7.20	7.59	8.02	8.17	8.33	8.33	8.50	8.33	8.02	7.79	7.52		7.59	8.28	8.28

Shimura, Hitomi (JPN) (1990)

FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 24-Oct-20	time	2.66	3.73	4.77	5.83	6.88	7.94	9.01	10.08	11.19	12.29		13.29	6 / 1			
reaction time	interval		1.07	1.04	1.06	1.05	1.06	1.07	1.07	1.11	1.10	1.00			3.17	3.18	3.28
wind -1.4 m/s	velocity	4.89	7.94	8.17	8.02	8.10	8.02	7.94	7.94	7.66	7.73	10.05	7.52		8.04	8.02	7.77

Kimura, Ayako (JPN) (1988)

FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 01-Jun-21	time	2.62	3.67	4.70	5.71	6.74	7.77	8.81	9.86	10.93	12.04		13.29	4 / 4			
reaction time 0.174	interval		1.05	1.03	1.01	1.03	1.03	1.04	1.05	1.07	1.11	1.25			3.09	3.10	3.23
wind 0.3 m/s	velocity	4.96	8.10	8.25	8.42	8.25	8.25	8.17	8.10	7.94	7.66	8.04	7.52		8.25	8.23	7.89

Shimura, Hitomi (JPN) (1990)

FINAL - 2021 Fuse Sprint (Tottori, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 06-Jun-21	time	2.71	3.78	4.82	5.85	6.87	7.90	8.95	9.98	11.04	12.12		13.29	9 / 8			
reaction time 0.158	interval		1.07	1.04	1.03	1.02	1.03	1.05	1.03	1.06	1.08	1.17			3.14	3.10	3.17
wind 1.8 m/s	velocity	4.80	7.94	8.17	8.25	8.33	8.25	8.10	8.25	8.02	7.87	8.59	7.52		8.12	8.23	8.04

Dai Yiru (CHN) (2001)

FINAL - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 25-Jun-21	time	2.61	3.67	4.69	5.72	6.72	7.74	8.77	9.86	10.96	12.06		13.29	4 / 6			
reaction time 0.163	interval		1.06	1.02	1.03	1.00	1.02	1.03	1.09	1.10	1.10	1.23			3.11	3.05	3.29
wind 1.7 m/s	velocity	4.98	8.02	8.33	8.25	8.50	8.33	8.25	7.80	7.73	7.73	8.17	7.52		8.20	8.36	7.75

Schäfer, Carolin (GER) (1991)

Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

date	04-Aug-21	time	2.66	3.75	4.80	5.83	6.85	7.86	8.88	9.95	11.02	12.06		13.29	9 / 3			
reaction time	0.141	interval		1.09	1.05	1.03	1.02	1.01	1.02	1.07	1.07	1.04	1.23			3.17	3.05	3.18
wind	0.3 m/s	velocity	4.89	7.80	8.10	8.25	8.33	8.42	8.33	7.94	7.94	8.17	8.17	7.52		8.04	8.36	8.02

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese National Games (Xi'an, CHN) *CAA Hurdle Development (2021)*

date	22-Sep-21	time	2.53	3.63	4.70	5.73	6.76	7.80	8.83	9.86	10.96	12.03		13.29	4 / 6			
reaction time	0.175	interval		1.10	1.07	1.03	1.03	1.04	1.03	1.03	1.10	1.07	1.26			3.20	3.10	3.20
wind	0.1 m/s	velocity	5.14	7.73	7.94	8.25	8.25	8.17	8.25	8.25	7.73	7.94	7.98	7.52		7.97	8.23	7.97

Vazquez, Paolo (PUR) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	12-Jun-22	time	2.60	3.70	4.73	5.80	6.83	7.83	8.86	9.90	10.93	12.03		13.29	1 / 8			
reaction time	0.179	interval		1.10	1.03	1.07	1.03	1.00	1.03	1.04	1.03	1.10	1.26			3.20	3.06	3.17
wind	2.0 m/s	velocity	5.00	7.73	8.25	7.94	8.25	8.50	8.25	8.17	8.25	7.73	7.98	7.52		7.97	8.33	8.04

Vazquez, Paolo (PUR) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	24-Jun-23	time	2.75	3.83	4.87	5.90	6.90	7.91	8.93	9.96	11.02	12.09		13.29	9 / 8			
reaction time	0.251	interval		1.08	1.04	1.03	1.00	1.01	1.02	1.03	1.06	1.07	1.20			3.15	3.03	3.16
wind	2.8 m/s	velocity	4.73	7.87	8.17	8.25	8.50	8.42	8.33	8.25	8.02	7.94	8.38	7.52		8.10	8.42	8.07

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	29-Apr-24	time	2.65	3.74	4.77	5.80	6.82	7.84	8.88	9.92	10.99	12.08		13.29	2 / 6			
reaction time	0.151	interval		1.09	1.03	1.03	1.02	1.02	1.04	1.04	1.07	1.09	1.21			3.15	3.08	3.20
wind	-0.1 m/s	velocity	4.91	7.80	8.25	8.25	8.33	8.33	8.17	8.17	7.94	7.80	8.31	7.52		8.10	8.28	7.97

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Japanese National Championsips (Niigata, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	30-Jun-24	time	2.66	3.70	4.72	5.74	6.75	7.78	8.82	9.87	10.96	12.08		13.29	2 / 8			
reaction time	0.163	interval		1.04	1.02	1.02	1.01	1.03	1.04	1.05	1.09	1.12	1.21			3.08	3.08	3.26
wind	-0.2 m/s	velocity	4.89	8.17	8.33	8.33	8.42	8.25	8.17	8.10	7.80	7.59	8.31	7.52		8.28	8.28	7.82

Ishino, Mami (JPN) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2006 Japanese National Championships (Kobe, JPN) *Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	01-Jul-06	time	2.52	3.59	4.63	5.67	6.70	7.72	8.77	9.84	10.91	11.99		13.30	/ 1			
reaction time		interval		1.07	1.04	1.04	1.03	1.02	1.05	1.07	1.07	1.08	1.31			3.15	3.10	3.22
wind	0.3 m/s	velocity	5.16	7.94	8.17	8.17	8.25	8.33	8.10	7.94	7.94	7.87	8.02	7.52		8.10	8.23	7.92

Tanaka, Anri (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National Championships (Niigata, JPN) *Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*

date	27-Jun-15	time	2.65	3.69	4.73	5.75	6.77	7.80	8.83	9.88	10.94	12.05		13.30	9 / 2			
reaction time	0.159	interval		1.04	1.04	1.02	1.02	1.03	1.03	1.05	1.06	1.11	1.25	PB		3.10	3.08	3.22
wind	-0.2 m/s	velocity	4.91	8.17	8.17	8.33	8.33	8.25	8.25	8.10	8.02	7.66	8.40	7.52		8.23	8.28	7.92

Valette, Laura (FRA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	31-May-18	time	2.60	3.68	4.72	5.76	6.80	7.84	8.86	9.88	10.94	12.04		13.30	9 / 7			
reaction time	0.138	interval		1.08	1.04	1.04	1.04	1.04	1.02	1.02	1.06	1.10	1.26			3.16	3.10	3.18
wind	0.0 m/s	velocity	5.00	7.87	8.17	8.17	8.17	8.17	8.33	8.33	8.02	7.73	8.33	7.52		8.07	8.23	8.02

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Asian Athletics Championships (Doha, QAT) *CAA Hurdle Development (2019)*

date	23-Apr-19	time	2.65	3.70	4.75	5.80	6.83	7.86	8.89	9.94	11.01	12.11		13.30	9 / 1			
reaction time	0.157	interval		1.05	1.05	1.05	1.03	1.03	1.03	1.05	1.07	1.10	1.19			3.15	3.09	3.22
wind	1.3 m/s	velocity	4.91	8.10	8.10	8.10	8.25	8.25	8.25	8.10	7.94	7.73	8.82	7.52		8.10	8.25	7.92

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Japanese National Championships (Fukuoka, JPN) *Yamanaka (2019) - research on athlete performance and technique- 2019 data book*

date	29-Jun-19	time	2.64	3.69	4.70	5.78	6.83	7.85	8.90	9.96	11.03	12.11		13.30	4 / 6			
reaction time	0.150	interval		1.05	1.01	1.08	1.05	1.02	1.05	1.06	1.07	1.08	1.19			3.14	3.12	3.21
wind	0.6 m/s	velocity	4.92	8.10	8.42	7.87	8.10	8.33	8.10	8.02	7.94	7.87	8.82	7.52		8.12	8.17	7.94

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.72	3.79	4.82	5.87	6.89	7.91	8.93	9.97	11.03	12.10		13.30	7 / 1			
reaction time	0.172	interval		1.07	1.03	1.05	1.02	1.02	1.02	1.04	1.06	1.07	1.20	NYR		3.15	3.06	3.17
wind	0.0 m/s	velocity	4.78	7.94	8.25	8.10	8.33	8.33	8.33	8.17	8.02	7.94	8.75	7.52		8.10	8.33	8.04

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	23-Aug-20	time	2.72	3.78	4.83	5.86	6.89	7.92	8.96	10.03	11.08	12.17		13.30	2 / 5			

reaction time	0.184	interval		1.06	1.05	1.03	1.03	1.03	1.04	1.07	1.05	1.09	1.13			3.14	3.10	3.21
wind	0.3 m/s	velocity	4.78	8.02	8.10	8.25	8.25	8.25	8.17	7.94	8.10	7.80	8.89	7.52		8.12	8.23	7.94

Carmassi, Giada (ITA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 15-Sep-20 time	2.66	3.72	4.76	5.80	6.80	7.82	8.86	9.90	10.96	12.06		13.30	2 / 4			
reaction time interval		1.06	1.04	1.04	1.00	1.02	1.04	1.04	1.06	1.10	1.24			3.14	3.06	3.20
wind 0.0 m/s velocity	4.89	8.02	8.17	8.17	8.50	8.33	8.17	8.17	8.02	7.73	8.10	7.52		8.12	8.33	7.97

Graversgaard, Mette (DEN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 17-Sep-20 time	2.62	3.66	4.70	5.72	6.74	7.78	8.82	9.86	10.94	12.06		13.30	1 / 8			
reaction time 0.160 interval		1.04	1.04	1.02	1.02	1.04	1.04	1.04	1.08	1.12	1.24			3.10	3.10	3.24
wind 0.1 m/s velocity	4.96	8.17	8.17	8.33	8.33	8.17	8.17	8.17	7.87	7.59	8.10	7.52		8.23	8.23	7.87

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.72	3.76	4.80	5.82	6.84	7.86	8.90	9.94	11.02	12.10		13.30	5 / 2			
reaction time 0.202 interval		1.04	1.04	1.02	1.02	1.02	1.04	1.04	1.08	1.08	1.20			3.10	3.08	3.20
wind 0.0 m/s velocity	4.78	8.17	8.17	8.33	8.33	8.33	8.17	8.17	7.87	7.87	8.37	7.52		8.23	8.28	7.97

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 22-Sep-21 time	2.56	3.60	4.66	5.68	6.72	7.76	8.83	9.87	10.93	12.03		13.30	8 / 7			
reaction time 0.153 interval		1.04	1.06	1.02	1.04	1.04	1.07	1.04	1.06	1.10	1.27			3.12	3.15	3.20
wind 0.1 m/s velocity	5.08	8.17	8.02	8.33	8.17	8.17	7.94	8.17	8.02	7.73	7.91	7.52		8.17	8.10	7.97

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 08-May-22 time	2.66	3.71	4.73	5.73	6.76	7.78	8.80	9.86	10.92	12.02		13.30	6 / 5			
reaction time 0.186 interval		1.05	1.02	1.00	1.03	1.02	1.02	1.06	1.06	1.10	1.28			3.07	3.07	3.22
wind -0.1 m/s velocity	4.89	8.10	8.33	8.50	8.25	8.33	8.33	8.02	8.02	7.73	7.85	7.52		8.31	8.31	7.92

Vetter, Anouk (NED) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22 time	2.58	3.62	4.64	5.66	6.71	7.74	8.77	9.82	10.93	12.08		13.30	7 / 6			
reaction time 0.117 interval		1.04	1.02	1.02	1.05	1.03	1.03	1.05	1.11	1.15	1.22			3.08	3.11	3.31
wind 0.7 m/s velocity	5.04	8.17	8.33	8.33	8.10	8.25	8.25	8.10	7.66	7.39	8.24	7.52		8.28	8.20	7.70

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.54	3.63	4.68	5.71	6.73	7.76	8.80	9.85	10.92	11.98		13.30	7 / 7			
reaction time 0.155 interval		1.09	1.05	1.03	1.02	1.03	1.04	1.05	1.07	1.06	1.32			3.17	3.09	3.18
wind 0.4 m/s velocity	5.12	7.80	8.10	8.25	8.33	8.25	8.17	8.10	7.94	8.02	7.61	7.52		8.04	8.25	8.02

Barber, Aleesha (TTO) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Windsprint (Sundsvall, SWE)													*Blomkvist (2010) - 100/110m Hurdles: Development*			
date 08-Aug-10 time	2.68	3.72	4.75	5.81	6.83	7.85	8.88	9.94	10.99	12.09		13.31	/ 1			
reaction time interval		1.04	1.03	1.06	1.02	1.02	1.03	1.06	1.05	1.10	1.22			3.13	3.07	3.21
wind 0.6 m/s velocity	4.85	8.17	8.25	8.02	8.33	8.33	8.25	8.02	8.10	7.73	8.61	7.51		8.15	8.31	7.94

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2016 Fuse Sprint (Tottori, JPN)													*(2016.06.07) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 05-Jun-16 time	2.66	3.72	4.77	5.79	6.81	7.85	8.89	9.95	11.02	12.12		13.31	5 / 1			
reaction time interval		1.06	1.05	1.02	1.02	1.04	1.04	1.06	1.07	1.10	1.19			3.13	3.10	3.23
wind 2.2 m/s velocity	4.89	8.02	8.10	8.33	8.33	8.17	8.17	8.02	7.94	7.73	8.82	7.51		8.15	8.23	7.89

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/07/19/post-1068/*			
date 25-Jun-17 time	2.65	3.70	4.75	5.78	6.83	7.87	8.91	9.96	11.03	12.12		13.31	4 / 2			
reaction time 0.148 interval		1.05	1.05	1.03	1.05	1.04	1.04	1.05	1.07	1.09	1.19			3.13	3.13	3.21
wind 0.4 m/s velocity	4.91	8.10	8.10	8.25	8.10	8.17	8.17	8.10	7.94	7.80	8.82	7.51		8.15	8.15	7.94

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 24-Jun-18 time	2.69	3.78	4.84	5.86	6.89	7.92	8.94	10.00	11.05	12.13		13.31	2 / 4			
reaction time 0.183 interval		1.09	1.06	1.02	1.03	1.03	1.02	1.06	1.05	1.08	1.18	PB		3.17	3.08	3.19
wind 1.1 m/s velocity	4.83	7.80	8.02	8.33	8.25	8.25	8.33	8.02	8.10	7.87	8.90	7.51		8.04	8.28	7.99

Shibata, Aika (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.66	3.71	4.75	5.79	6.81	7.82	8.85	9.90	10.99	12.10		13.31	4 / 2			
reaction time 0.149 interval		1.05	1.04	1.04	1.02	1.01	1.03	1.05	1.09	1.11	1.21			3.13	3.06	3.25

wind	2.5 m/s	velocity	4.89	8.10	8.17	8.17	8.33	8.42	8.25	8.10	7.80	7.66	8.68	7.51		8.15	8.33	7.85

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 23-Apr-19 time	2.63	3.70	4.75	5.80	6.84	7.87	8.91	9.96	11.01	12.11		13.31	7 / 2			
reaction time 0.151 interval		1.07	1.05	1.05	1.04	1.03	1.04	1.05	1.05	1.10	1.20			3.17	3.11	3.20
wind 1.3 m/s velocity	4.94	7.94	8.10	8.10	8.17	8.25	8.17	8.10	8.10	7.73	8.75	7.51		8.04	8.20	7.97

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19 time	2.64	3.71	4.75	5.78	6.82	7.86	8.90	9.96	11.03	12.11		13.31	9 / 4			
reaction time interval		1.07	1.04	1.03	1.04	1.04	1.04	1.06	1.07	1.08	1.20	PB		3.14	3.12	3.21
wind 0.6 m/s velocity	4.92	7.94	8.17	8.25	8.17	8.17	8.17	8.02	7.94	7.87	8.75	7.51		8.12	8.17	7.94

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 04-Jun-19 time	2.61	3.70	4.73	5.77	6.82	7.85	8.92	9.97	11.06	12.13		13.31	4 / 1			
reaction time 0.145 interval		1.09	1.03	1.04	1.05	1.03	1.07	1.05	1.09	1.07	1.18			3.16	3.15	3.21
wind -1.2 m/s velocity	4.98	7.80	8.25	8.17	8.10	8.25	7.94	8.10	7.80	7.94	8.90	7.51		8.07	8.10	7.94

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)													*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date 29-Jun-19 time	2.72	3.77	4.80	5.84	6.87	7.91	8.95	10.00	11.07	12.14		13.31	8 / 7			
reaction time 0.191 interval		1.05	1.03	1.04	1.03	1.04	1.04	1.05	1.07	1.07	1.17	PB		3.12	3.11	3.19
wind 0.6 m/s velocity	4.78	8.10	8.25	8.17	8.25	8.17	8.17	8.10	7.94	7.94	8.97	7.51		8.17	8.20	7.99

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.72	3.78	4.82	5.84	6.88	7.92	8.95	10.01	11.07	12.16		13.31	3 / 1			
reaction time 0.166 interval		1.06	1.04	1.02	1.04	1.04	1.03	1.06	1.06	1.09	1.15			3.12	3.11	3.21
wind -0.6 m/s velocity	4.78	8.02	8.17	8.33	8.17	8.17	8.25	8.02	8.02	7.80	8.74	7.51		8.17	8.20	7.94

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 21-Sep-21 time	2.53	3.61	4.66	5.68	6.70	7.72	8.78	9.84	10.89	12.00		13.31	3 / 4			
reaction time 0.143 interval		1.08	1.05	1.02	1.02	1.02	1.06	1.06	1.05	1.11	1.31	PB		3.15	3.10	3.22
wind 0.1 m/s velocity	5.14	7.87	8.10	8.33	8.33	8.33	8.02	8.02	8.10	7.66	7.67	7.51		8.10	8.23	7.92

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 29-Apr-21 time	2.66	3.71	4.74	5.78	6.80	7.83	8.87	9.93	10.99	12.06		13.31	8 / 3			
reaction time interval		1.05	1.03	1.04	1.02	1.03	1.04	1.06	1.06	1.07	1.25	PB		3.12	3.09	3.19
wind 1.6 m/s velocity	4.89	8.10	8.25	8.17	8.33	8.25	8.17	8.02	8.02	7.94	8.04	7.51		8.17	8.25	7.99

Ahouanwanou, Odile (BEN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.75	3.81	4.83	5.86	6.90	7.95	8.99	10.03	11.09	12.15		13.31	4 / 6			
reaction time 0.177 interval	7 steps	1.06	1.02	1.03	1.04	1.05	1.04	1.04	1.06	1.06	1.16			3.11	3.13	3.16
wind -0.8 m/s velocity	4.73	8.02	8.33	8.25	8.17	8.10	8.17	8.17	8.02	8.02	8.66	7.51		8.20	8.15	8.07

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 08-May-22 time	2.66	3.72	4.75	5.79	6.83	7.85	8.89	9.96	11.04	12.13		13.31	9 / 6			
reaction time 0.140 interval		1.06	1.03	1.04	1.04	1.02	1.04	1.07	1.08	1.09	1.18			3.13	3.10	3.24
wind -0.1 m/s velocity	4.89	8.02	8.25	8.17	8.17	8.33	8.17	7.94	7.87	7.80	8.52	7.51		8.15	8.23	7.87

Johnson, Brandeé (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.66	3.71	4.75	5.77	6.77	7.87	8.91	9.98	11.04	12.11		13.31	8 / 6			
reaction time interval		1.05	1.04	1.02	1.00	1.10	1.04	1.07	1.06	1.07	1.20			3.11	3.14	3.20
wind 0.1 m/s velocity	4.89	8.10	8.17	8.33	8.50	7.73	8.17	7.94	8.02	7.94	8.37	7.51		8.20	8.12	7.97

Petrova, Natalya (URS) (1957)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1981 USSR vs. USA (Leningrad, URS)													*Chanon (1987) - analyse comparee des caracteristiques des courses de 100m haies et 110m haies*			
date 11-Jul-81 time	2.65	3.69	4.70	5.74	6.82	7.91	8.95	9.96	11.07	12.16		13.32	/ 4			
reaction time interval		1.04	1.01	1.04	1.08	1.09	1.04	1.01	1.11	1.09	1.16			3.09	3.21	3.21
wind 0.3 m/s velocity	4.91	8.17	8.42	8.17	7.87	7.80	8.17	8.42	7.66	7.80	9.05	7.51		8.25	7.94	7.94

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Shizuoka International Athletics Meeting (Fukuroi, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 03-May-15 time	2.65	3.73	4.78	5.82	6.84	7.89	8.94	10.01	11.08	12.15		13.32	/ 2			
reaction time interval		1.08	1.05	1.04	1.02	1.05	1.05	1.07	1.07	1.07	1.17			3.17	3.12	3.21
wind 0.2 m/s velocity	4.91	7.87	8.10	8.17	8.33	8.10	8.10	7.94	7.94	7.94	8.97	7.51		8.04	8.17	7.94

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Corporate Championships (Osaka, JPN)													*(2016.09.28) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 25-Sep-16 time	2.67	3.74	4.79	5.82	6.85	7.89	8.94	9.98	11.05	12.15		13.32	6 / 2			
reaction time 0.141 interval		1.07	1.05	1.03	1.03	1.04	1.05	1.04	1.07	1.10	1.17			3.15	3.12	3.21
wind 1.0 m/s velocity	4.87	7.94	8.10	8.25	8.25	8.17	8.10	8.17	7.94	7.73	8.97	7.51		8.10	8.17	7.94

Boons, Eefje (NED) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 13-Jul-18 time	2.60	3.68	4.72	5.74	6.76	7.78	8.80	9.86	10.92	12.00		13.32	9 / 9			
reaction time 0.150 interval		1.08	1.04	1.02	1.02	1.02	1.02	1.06	1.06	1.08	1.32			3.14	3.06	3.20
wind 0.1 m/s velocity	5.00	7.87	8.17	8.33	8.33	8.33	8.33	8.02	8.02	7.87	7.95	7.51		8.12	8.33	7.97

Lui Lai Yiu (HKG) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 24-Apr-19 time	2.62	3.65	4.68	5.72	6.74	7.79	8.84	9.89	10.99	12.09		13.32	5 / 4			
reaction time 0.132 interval		1.03	1.03	1.04	1.02	1.05	1.05	1.05	1.10	1.10	1.23	PB		3.10	3.12	3.25
wind 1.3 m/s velocity	4.96	8.25	8.25	8.17	8.33	8.10	8.10	8.10	7.73	7.73	8.54	7.51		8.23	8.17	7.85

Boons, Eefje (NED) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 30-May-19 time	2.68	3.72	4.74	5.76	6.78	7.78	8.84	9.90	10.98	12.06		13.32	1 / 7			
reaction time 0.148 interval		1.04	1.02	1.02	1.02	1.00	1.06	1.06	1.08	1.08	1.26			3.08	3.08	3.22
wind 1.3 m/s velocity	4.85	8.17	8.33	8.33	8.33	8.50	8.02	8.02	7.87	7.87	8.33	7.51		8.28	8.28	7.92

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date 01-Sep-19 time	2.64	3.69	4.73	5.76	6.77	7.85	8.90	9.97	11.05	12.13		13.32	3 / 5			
reaction time interval		1.05	1.04	1.03	1.01	1.08	1.05	1.07	1.08	1.08	1.19			3.12	3.14	3.23
wind 1.2 m/s velocity	4.92	8.10	8.17	8.25	8.42	7.87	8.10	7.94	7.87	7.87	8.82	7.51		8.17	8.12	7.89

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.66	3.72	4.78	5.80	6.84	7.87	8.92	9.97	11.04	12.13		13.32	7 / 3			
reaction time 0.149 interval		1.06	1.06	1.02	1.04	1.03	1.05	1.05	1.07	1.09	1.19			3.14	3.12	3.21
wind 0.0 m/s velocity	4.89	8.02	8.02	8.33	8.17	8.25	8.10	8.10	7.94	7.80	8.45	7.51		8.12	8.17	7.94

Sułek-Schubert, Adrianna (POL) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.56	3.66	4.73	5.78	6.82	7.86	8.91	9.95	10.99	12.05		13.32	4 / 1			
reaction time 0.153 interval		1.10	1.07	1.05	1.04	1.04	1.05	1.04	1.04	1.06	1.27			3.22	3.13	3.14
wind 0.1 m/s velocity	5.08	7.73	7.94	8.10	8.17	8.17	8.10	8.17	8.17	8.02	7.91	7.51		7.92	8.15	8.12

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese University Championships (Hiratsuka, JPN)													*(2016.06.11) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 10-Jun-16 time	2.65	3.70	4.76	5.79	6.83	7.89	8.94	10.00	11.09	12.19		13.33	3 / 1			
reaction time 0.141 interval		1.05	1.06	1.03	1.04	1.06	1.05	1.06	1.09	1.10	1.14			3.14	3.15	3.25
wind 1.9 m/s velocity	4.91	8.10	8.02	8.25	8.17	8.02	8.10	8.02	7.80	7.73	9.21	7.50		8.12	8.10	7.85

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17 time	2.64	3.73	4.80	5.86	6.90	7.92	8.96	10.00	11.06	12.12		13.33	6 / 3			
reaction time interval		1.09	1.07	1.06	1.04	1.02	1.04	1.04	1.06	1.06	1.21			3.22	3.10	3.16
wind 2.0 m/s velocity	4.92	7.80	7.94	8.02	8.17	8.33	8.17	8.17	8.02	8.02	8.68	7.50		7.92	8.23	8.07

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 29-Apr-18 time	2.61	3.66	4.69	5.71	6.74	7.76	8.84	9.88	10.97	12.09		13.33	5 / 6			
reaction time interval		1.05	1.03	1.02	1.03	1.02	1.08	1.04	1.09	1.12	1.24			3.10	3.13	3.25
wind 3.6 m/s velocity	4.98	8.10	8.25	8.33	8.25	8.33	7.87	8.17	7.80	7.59	8.47	7.50		8.23	8.15	7.85

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.76	3.82	4.87	5.89	6.92	7.93	8.95	9.99	11.06	12.12		13.33	5 / 1			
reaction time interval		1.06	1.05	1.02	1.03	1.01	1.02	1.04	1.07	1.06	1.21	PB		3.13	3.06	3.17
wind 0.0 m/s velocity	4.71	8.02	8.10	8.33	8.25	8.42	8.33	8.17	7.94	8.02	8.68	7.50		8.15	8.33	8.04

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 24-Apr-19 time	2.74	3.79	4.83	5.86	6.89	7.91	8.93	9.97	11.03	12.11		13.33	9 / 5			
reaction time 0.152 interval		1.05	1.04	1.03	1.03	1.02	1.02	1.04	1.06	1.08	1.22			3.12	3.07	3.18
wind 1.3 m/s velocity	4.74	8.10	8.17	8.25	8.25	8.33	8.33	8.17	8.02	7.87	8.61	7.50		8.17	8.31	8.02

Tanaka, Yumi (JPN) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)																		
Matsubayashi (2019) - research on athlete performance and technique- 2019 data book																		
date	06-May-19	time	2.59	3.65	4.71	5.74	6.78	7.82	8.86	9.90	10.99	12.09		13.33	4 / 5			
reaction time		interval		1.06	1.06	1.03	1.04	1.04	1.04	1.04	1.09	1.10	1.24	PB		3.15	3.12	3.23
wind	0.6 m/s	velocity	5.02	8.02	8.02	8.25	8.17	8.17	8.17	8.17	7.80	7.73	8.47	7.50		8.10	8.17	7.89

Shimura, Hitomi (JPN) (1990)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																		
Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps																		
date	19-May-19	time	2.62	3.69	4.73	5.76	6.79	7.83	8.87	9.94	11.02	12.12		13.33	9 / 8			
reaction time	0.157	interval		1.07	1.04	1.03	1.03	1.04	1.04	1.07	1.08	1.10	1.21			3.14	3.11	3.25
wind	0.4 m/s	velocity	4.96	7.94	8.17	8.25	8.25	8.17	8.17	7.94	7.87	7.73	8.68	7.50		8.12	8.20	7.85

Fukube, Mako (JPN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)																		
Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers																		
date	23-Aug-20	time	2.67	3.73	4.78	5.81	6.83	7.89	8.94	10.00	11.07	12.16		13.33	9 / 6			
reaction time	0.123	interval		1.06	1.05	1.03	1.02	1.06	1.05	1.06	1.07	1.09	1.17			3.14	3.13	3.22
wind	0.3 m/s	velocity	4.87	8.02	8.10	8.25	8.33	8.02	8.10	8.02	7.94	7.80	8.59	7.50		8.12	8.15	7.92

Fujimori, Nana (JPN) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)																		
Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers																		
date	03-Oct-20	time	2.68	3.75	4.77	5.82	6.84	7.90	8.94	10.02	11.10	12.22		13.33	5 / 3			
reaction time	0.140	interval		1.07	1.02	1.05	1.02	1.06	1.04	1.08	1.08	1.12	1.11			3.14	3.12	3.28
wind	-0.1 m/s	velocity	4.85	7.94	8.33	8.10	8.33	8.02	8.17	7.87	7.87	7.59	9.05	7.50		8.12	8.17	7.77

Chen Yinfeng (CHN) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese National Championships (Chongqing, CHN)																		
CAA Hurdle Development (2021)																		
date	25-Jun-21	time	2.63	3.70	4.77	5.81	6.82	7.87	8.91	9.98	11.06	12.14		13.33	3 / 7			
reaction time	0.166	interval		1.07	1.07	1.04	1.01	1.05	1.04	1.07	1.08	1.08	1.19	PB		3.18	3.10	3.23
wind	1.7 m/s	velocity	4.94	7.94	7.94	8.17	8.42	8.10	8.17	7.94	7.87	7.87	8.45	7.50		8.02	8.23	7.89

Suzuki, Miho (JPN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN)																		
Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season																		
date	01-May-22	time	2.70	3.74	4.77	5.80	6.82	7.85	8.89	9.96	11.03	12.12		13.33	3 / 3			
reaction time	0.183	interval		1.04	1.03	1.03	1.02	1.03	1.04	1.07	1.07	1.09	1.21			3.10	3.09	3.23
wind	-0.6 m/s	velocity	4.81	8.17	8.25	8.25	8.33	8.25	8.17	7.94	7.94	7.80	8.31	7.50		8.23	8.25	7.89

Chen Jiamin (CHN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Chinese National Grand Prix (Huangshi, CHN)																		
Gong (2023) - research on the technical characteristics of outstanding women's 100m hurdlers in china																		
date	13-Jul-22	time	2.63			5.74			8.82			12.01		13.33	/ 1			
reaction time		interval				3.11			3.08			3.19	1.32			3.11	3.08	3.19
wind	-1.1 m/s	velocity	4.94			8.20			8.28			7.99	7.61	7.50		8.20	8.28	7.99

Vidts, Noor (BEL) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)																		
Henson (2024) - Athlete First: 2023 year end hurdle report																		
date	19-Aug-23	time	2.69	3.75	4.82	5.85	6.85	7.89	8.93	10.02	11.05	12.12		13.33	4 / 1			
reaction time	0.176	interval		1.06	1.07	1.03	1.00	1.04	1.04	1.09	1.03	1.07	1.21			3.16	3.08	3.19
wind	-1.1 m/s	velocity	4.83	8.02	7.94	8.25	8.50	8.17	8.17	7.80	8.25	7.94	8.31	7.50		8.07	8.28	7.99

Graversgaard, Mette (DEN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 FBK Games (Hengelo, NED)																		
Omega Timing (2024) - continental tour gold race analysis																		
date	07-Jul-24	time	2.50	3.57	4.61	5.62	6.64	7.69	8.77	9.84	10.92	12.02		13.33	3 / 6			
reaction time	0.148	interval		1.07	1.04	1.01	1.02	1.05	1.08	1.07	1.08	1.10	1.31			3.12	3.15	3.25
wind	0.3 m/s	velocity	5.20	7.94	8.17	8.42	8.33	8.10	7.87	7.94	7.87	7.73	7.67	7.50		8.17	8.10	7.85

Kononova, Lyubov (URS) (1948)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1975 International "Pravda" Sportfest (Sotschi, URS)																		
Artyschenko (1977) - zwischen den hürden geht es um die sekunde, teil 2																		
date	29-May-75	time	2.3	3.5	4.6	5.7	6.7	7.7	8.7	9.8	10.8	11.9		13.1	/ 1			
reaction time		interval		1.20	1.11	1.04	1.02	1.02	1.02	1.03	1.04	1.08	1.22			3.35	3.06	3.15
wind	??	velocity	5.60	7.08	7.66	8.17	8.33	8.33	8.33	8.25	8.17	7.87	8.61	7.63		7.61	8.33	8.10

Soma, Eriko (JPN) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2017 Fuse Sprint (Tottori, JPN)																		
(2017) - tfdata-store.com/2017/06/04/post-848/																		
date	04-Jun-17	time	2.66	3.74	4.78	5.81	6.84	7.88	8.96	10.02	11.08	12.17		13.34	5 / 2			
reaction time		interval		1.08	1.04	1.03	1.03	1.04	1.08	1.06	1.06	1.09	1.17			3.15	3.15	3.21
wind	1.3 m/s	velocity	4.89	7.87	8.17	8.25	8.25	8.17	7.87	8.02	8.02	7.80	8.97	7.50		8.10	8.10	7.94

Wang Dou (CHN) (1993)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Chinese National Games (Tianjin, CHN)																		
Henson (2017) - coaching observations																		
date	04-Sep-17	time	2.68	3.75	4.82	5.85	6.86	7.93	8.97	10.03	11.11	12.19		13.34	6 / 2			
reaction time		interval		1.07	1.07	1.03	1.01	1.07	1.04	1.06	1.08	1.08	1.15			3.17	3.12	3.22
wind	-0.2 m/s	velocity	4.85	7.94	7.94	8.25	8.42	7.94	8.17	8.02	7.87	7.87	9.13	7.50		8.04	8.17	7.92

Zagré, Anne (BEL) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2017 IAAF World Championships (London, GBR) *Pollitt (2018) - biomechanical report for the IAAF World Champs - London 2017 - Women's 100m Hurdles*

date	11-Aug-17	time	2.51	3.59	4.67	5.66	6.71	7.70	8.74	9.81	10.89	11.99		13.34	9 / 8			
reaction time	0.139	interval		1.08	1.08	0.99	1.05	0.99	1.04	1.07	1.08	1.10	1.35			3.15	3.08	3.25
wind	0.5 m/s	velocity	5.18	7.87	7.87	8.59	8.10	8.59	8.17	7.94	7.87	7.73	7.78	7.50		8.10	8.28	7.85

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	06-May-18	time	2.72	3.80	4.85	5.88	6.93	7.96	9.01	10.08	11.16	12.25		13.34	7 / 2			
reaction time		interval		1.08	1.05	1.03	1.05	1.03	1.05	1.07	1.08	1.09	1.09			3.16	3.13	3.24
wind	-0.5 m/s	velocity	4.78	7.87	8.10	8.25	8.10	8.25	8.10	7.94	7.87	7.80	9.63	7.50		8.07	8.15	7.87

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	03-Jun-18	time	2.66	3.73	4.78	5.83	6.87	7.90	8.95	10.00	11.07	12.13		13.34	/ 3			
reaction time		interval		1.07	1.05	1.05	1.04	1.03	1.05	1.05	1.07	1.06	1.21	PB		3.17	3.12	3.18
wind	0.6 m/s	velocity	4.89	7.94	8.10	8.10	8.17	8.25	8.10	8.10	7.94	8.02	8.68	7.50		8.04	8.17	8.02

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	02-Aug-18	time	2.66	3.73	4.78	5.83	6.87	7.90	8.95	10.01	11.07	12.15		13.34	7 / 1			
reaction time		interval		1.07	1.05	1.05	1.04	1.03	1.05	1.06	1.06	1.08	1.19	PB		3.17	3.12	3.20
wind	-0.3 m/s	velocity	4.89	7.94	8.10	8.10	8.17	8.25	8.10	8.02	8.02	7.87	8.82	7.50		8.04	8.17	7.97

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 AG Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*

date	31-Aug-18	time	2.46	3.50	4.48	5.46	6.46	7.48	8.48	9.56	10.66	11.86		13.34	7 / 9			
reaction time	0.118	interval		1.04	0.98	0.98	1.00	1.02	1.00	1.08	1.10	1.20	1.48			3.00	3.02	3.38
wind	0.1 m/s	velocity	5.28	8.17	8.67	8.67	8.50	8.33	8.50	7.87	7.73	7.08	7.09	7.50		8.50	8.44	7.54

Korte, Annimari (FIN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	17-Sep-20	time	2.56	3.64	4.68	5.72	6.76	7.80	8.86	9.92	10.98	12.06		13.34	4 / 9			
reaction time	0.143	interval		1.08	1.04	1.04	1.04	1.04	1.06	1.06	1.06	1.08	1.28			3.16	3.14	3.20
wind	0.1 m/s	velocity	5.08	7.87	8.17	8.17	8.17	8.17	8.02	8.02	8.02	7.87	7.85	7.50		8.07	8.12	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	29-Apr-21	time	2.63	3.68	4.75	5.81	6.85	7.91	8.96	10.02	11.10	12.19		13.34	3 / 4			
reaction time		interval		1.05	1.07	1.06	1.04	1.06	1.05	1.06	1.08	1.09	1.15			3.18	3.15	3.23
wind	1.6 m/s	velocity	4.94	8.10	7.94	8.02	8.17	8.02	8.10	8.02	7.87	7.80	8.74	7.50		8.02	8.10	7.89

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.68	3.74	4.76	5.80	6.83	7.87	8.94	9.99	11.06	12.16		13.34	4 / 4			
reaction time	0.161	interval		1.06	1.02	1.04	1.03	1.04	1.07	1.05	1.07	1.10	1.18	=PB		3.12	3.14	3.22
wind	1.0 m/s	velocity	4.85	8.02	8.33	8.17	8.25	8.17	7.94	8.10	7.94	7.73	8.52	7.50		8.17	8.12	7.92

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.63	3.69	4.77	5.82	6.86	7.89	8.94	10.01	11.06	12.14		13.34	4 / 1			
reaction time	0.146	interval		1.06	1.08	1.05	1.04	1.03	1.05	1.07	1.05	1.08	1.20			3.19	3.12	3.20
wind	-0.3 m/s	velocity	4.94	8.02	7.87	8.10	8.17	8.25	8.10	7.94	8.10	7.87	8.38	7.50		7.99	8.17	7.97

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	29-Apr-24	time	2.66	3.71	4.75	5.78	6.82	7.84	8.88	9.95	11.04	12.14		13.34	7 / 7			
reaction time	0.152	interval		1.05	1.04	1.03	1.04	1.02	1.04	1.07	1.09	1.10	1.20			3.12	3.10	3.26
wind	-0.1 m/s	velocity	4.89	8.10	8.17	8.25	8.17	8.33	8.17	7.94	7.80	7.73	8.38	7.50		8.17	8.23	7.82

Kocielnik, Joanna (POL) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-07	time	2.78	3.84	4.90	5.96	7.00	8.02	9.06	10.10	11.16	12.24		13.35	/ 7			
reaction time	0.249	interval		1.06	1.06	1.06	1.04	1.02	1.04	1.04	1.06	1.08	1.11			3.18	3.10	3.18
wind	0.9 m/s	velocity	4.68	8.02	8.02	8.02	8.17	8.33	8.17	8.17	8.02	7.87	9.46	7.49		8.02	8.23	8.02

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 National Sports Festival (Kitakami, JPN) *(2016.11.14) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	10-Oct-16	time	2.69	3.76	4.80	5.84	6.87	7.90	8.92	9.97	11.04	12.13		13.35	7 / 1			
reaction time	0.129	interval		1.07	1.04	1.04	1.03	1.03	1.02	1.05	1.07	1.09	1.22			3.15	3.08	3.21
wind	2.8 m/s	velocity	4.83	7.94	8.17	8.17	8.25	8.25	8.33	8.10	7.94	7.80	8.61	7.49		8.10	8.28	7.94

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Michitaka Memorial (Osaka, JPN) *(2017) - tfdata-store.com/2017/05/08/post-413/*

date	07-May-17	time	2.72	3.80	4.85	5.87	6.89	7.92	8.97	10.01	11.08	12.18		13.35	8 / 3			
reaction time		interval		1.08	1.05	1.02	1.02	1.03	1.05	1.04	1.07	1.10	1.17	PB		3.15	3.10	3.21
wind	-0.6 m/s	velocity	4.78	7.87	8.10	8.33	8.33	8.25	8.10	8.17	7.94	7.73	8.97	7.49		8.10	8.23	7.94

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 06-May-18 time	2.74	3.81	4.86	5.88	6.92	7.96	9.00	10.06	11.12	12.22		13.35	6 / 3			
reaction time interval		1.07	1.05	1.02	1.04	1.04	1.04	1.06	1.06	1.10	1.13	=PB		3.14	3.12	3.22
wind -0.5 m/s velocity	4.74	7.94	8.10	8.33	8.17	8.17	8.17	8.02	8.02	7.73	9.29	7.49		8.12	8.17	7.92

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 09-Apr-19 time	2.67	3.73	4.79	5.83	6.87	7.90	8.93	9.97	11.03	12.12		13.35	6 / 1			
reaction time 0.182 interval		1.06	1.06	1.04	1.04	1.03	1.03	1.04	1.06	1.09	1.23	PB		3.16	3.10	3.19
wind 0.1 m/s velocity	4.87	8.02	8.02	8.17	8.17	8.25	8.25	8.17	8.02	7.80	8.54	7.49		8.07	8.23	7.99

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.68	3.74	4.79	5.83	6.87	7.91	8.94	10.00	11.06	12.14		13.35	9 / 1			
reaction time 0.181 interval		1.06	1.05	1.04	1.04	1.04	1.03	1.06	1.06	1.08	1.21			3.15	3.11	3.20
wind 0.3 m/s velocity	4.85	8.02	8.10	8.17	8.17	8.17	8.25	8.02	8.02	7.87	8.68	7.49		8.10	8.20	7.97

Lui Lai Yiu (HKG) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 23-Apr-19 time	2.67	3.70	4.73	5.75	6.79	7.82	8.87	9.94	11.01	12.12		13.35	5 / 2			
reaction time 0.131 interval		1.03	1.03	1.02	1.04	1.03	1.05	1.07	1.07	1.11	1.23	NR		3.08	3.12	3.25
wind 1.9 m/s velocity	4.87	8.25	8.25	8.33	8.17	8.25	8.10	7.94	7.94	7.66	8.54	7.49		8.28	8.17	7.85

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19 time	2.69	3.76	4.80	5.85	6.89	7.92	8.96	10.01	11.08	12.16		13.35	8 / 5			
reaction time 0.133 interval		1.07	1.04	1.05	1.04	1.03	1.04	1.05	1.07	1.08	1.19			3.16	3.11	3.20
wind 3.5 m/s velocity	4.83	7.94	8.17	8.10	8.17	8.25	8.17	8.10	7.94	7.87	8.82	7.49		8.07	8.20	7.97

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19 time	2.72	3.78	4.82	5.87	6.92	7.95	8.99	10.03	11.11	12.19		13.35	9 / 6			
reaction time 0.155 interval		1.06	1.04	1.05	1.05	1.03	1.04	1.04	1.08	1.08	1.16			3.15	3.12	3.20
wind 3.5 m/s velocity	4.78	8.02	8.17	8.10	8.10	8.25	8.17	8.17	7.87	7.87	9.05	7.49		8.10	8.17	7.97

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Japanese National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 27-Jun-21 time	2.70	3.79	4.83	5.87	6.90	7.92	8.98	10.03	11.10	12.18		13.35	4 / 3			
reaction time 0.170 interval		1.09	1.04	1.04	1.03	1.02	1.06	1.05	1.07	1.08	1.17			3.17	3.11	3.20
wind 0.0 m/s velocity	4.81	7.80	8.17	8.17	8.25	8.33	8.02	8.10	7.94	7.87	8.59	7.49		8.04	8.20	7.97

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22 time	2.69	3.75	4.81	5.86	6.88	7.93	8.95	10.01	11.09	12.17		13.35	3 / 3			
reaction time 0.175 interval		1.06	1.06	1.05	1.02	1.05	1.02	1.06	1.08	1.08	1.18			3.17	3.09	3.22
wind 0.8 m/s velocity	4.83	8.02	8.02	8.10	8.33	8.10	8.33	8.02	7.87	7.87	8.52	7.49		8.04	8.25	7.92

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.66	3.72	4.78	5.81	6.85	7.90	8.94	10.00	11.06	12.15		13.35	2 / 6			
reaction time 0.162 interval		1.06	1.06	1.03	1.04	1.05	1.04	1.06	1.06	1.09	1.20			3.15	3.13	3.21
wind -1.2 m/s velocity	4.89	8.02	8.02	8.25	8.17	8.10	8.17	8.02	8.02	7.80	8.38	7.49		8.10	8.15	7.94

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 12-May-24 time	2.69	3.76	4.79	5.81	6.83	7.86	8.90	9.96	11.04	12.15		13.35	8 / 7			
reaction time 0.144 interval		1.07	1.03	1.02	1.02	1.03	1.04	1.06	1.08	1.11	1.20			3.12	3.09	3.25
wind 0.2 m/s velocity	4.83	7.94	8.25	8.33	8.33	8.25	8.17	8.02	7.87	7.66	8.38	7.49		8.17	8.25	7.85

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 12-May-24 time	2.63	3.71	4.75	5.79	6.82	7.86	8.91	9.98	11.05	12.15		13.35	2 / 8			
reaction time 0.171 interval	7 steps	1.08	1.04	1.04	1.03	1.04	1.05	1.07	1.07	1.10	1.20			3.16	3.12	3.24
wind 0.2 m/s velocity	4.94	7.87	8.17	8.17	8.25	8.17	8.10	7.94	7.94	7.73	8.38	7.49		8.07	8.17	7.87

Sherman, Alandra (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.56	3.65	4.70	5.76	6.81	7.84	8.89	9.96	11.01	12.10		13.36	7 / 2			

reaction time		interval		1.09	1.05	1.06	1.05	1.03	1.05	1.07	1.05	1.09	1.26			3.20	3.13	3.21
wind	2.3 m/s	velocity	5.08	7.80	8.10	8.02	8.10	8.25	8.10	7.94	8.10	7.80	8.33	7.49		7.97	8.15	7.94

Imura, Kumiko (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Miko Oda Memorial (Hiroshima, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08	time	2.48	3.57	4.62	5.67	6.71	7.75	8.80	9.86	10.94	12.04		13.36	/ 1			
reaction time	interval		1.09	1.05	1.05	1.04	1.04	1.05	1.06	1.08	1.10	1.32			3.19	3.13	3.24
wind -0.1 m/s	velocity	5.24	7.80	8.10	8.10	8.17	8.17	8.10	8.02	7.87	7.73	7.95	7.49		7.99	8.15	7.87

Davin, Elisabeth (BEL) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Windsprint (Sundsvall, SWE)													*Blomkvist (2010) - 100/110m Hurdles: Development*			
date 08-Aug-10	time	2.72	3.78	4.85	5.88	6.90	7.94	8.99	10.06	11.14	12.21		13.36	/ 2			
reaction time	interval		1.06	1.07	1.03	1.02	1.04	1.05	1.07	1.08	1.07	1.15			3.16	3.11	3.22
wind 0.6 m/s	velocity	4.78	8.02	7.94	8.25	8.33	8.17	8.10	7.94	7.87	7.94	9.13	7.49		8.07	8.20	7.92

Hatton, Lucy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 05-Jun-16	time	2.63	3.70	4.73	5.76	6.80	7.83	8.86	9.93	11.00	12.06		13.36	9 / 8			
reaction time 0.232	interval		1.07	1.03	1.03	1.04	1.03	1.03	1.07	1.07	1.06	1.30			3.13	3.10	3.20
wind -0.3 m/s	velocity	4.94	7.94	8.25	8.25	8.17	8.25	8.25	7.94	7.94	8.02	8.08	7.49		8.15	8.23	7.97

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Chinese National Games (Tianjin, CHN)													*Henson (2017) - coaching observations*			
date 04-Sep-17	time	2.72	3.79	4.82	5.85	6.85	7.91	8.94	10.00	11.06	12.16		13.36	4 / 3			
reaction time	interval		1.07	1.03	1.03	1.00	1.06	1.03	1.06	1.06	1.10	1.20	PB		3.13	3.09	3.22
wind -0.2 m/s	velocity	4.78	7.94	8.25	8.25	8.50	8.02	8.25	8.02	8.02	7.73	8.75	7.49		8.15	8.25	7.92

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.61	3.68	4.71	5.75	6.80	7.83	8.88	9.95	11.03	12.13		13.36	5 / 2			
reaction time 0.169	interval		1.07	1.03	1.04	1.05	1.03	1.05	1.07	1.08	1.10	1.23			3.14	3.13	3.25
wind 0.3 m/s	velocity	4.98	7.94	8.25	8.17	8.10	8.25	8.10	7.94	7.87	7.73	8.54	7.49		8.12	8.15	7.85

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)													*CAA Hurdle Development (2019)*			
date 23-May-19	time	2.66	3.74	4.80	5.82	6.88	7.94	8.98	10.02	11.08	12.16		13.36	5 / 1			
reaction time 0.149	interval		1.08	1.06	1.02	1.06	1.06	1.04	1.04	1.06	1.08	1.20	PB		3.16	3.16	3.18
wind 0.4 m/s	velocity	4.89	7.87	8.02	8.33	8.02	8.02	8.17	8.17	8.02	7.87	8.75	7.49		8.07	8.07	8.02

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.73	3.78	4.82	5.87	6.89	7.94	8.97	10.04	11.09	12.17		13.36	3 / 2			
reaction time 0.243	interval		1.05	1.04	1.05	1.02	1.05	1.03	1.07	1.05	1.08	1.19	PB		3.14	3.10	3.20
wind 0.2 m/s	velocity	4.76	8.10	8.17	8.10	8.33	8.10	8.25	7.94	8.10	7.87	8.82	7.49		8.12	8.23	7.97

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.54	3.61	4.70	5.75	6.78	7.82	8.88	9.96	11.03	12.13		13.36	6 / 1			
reaction time 0.156	interval		1.07	1.09	1.05	1.03	1.04	1.06	1.08	1.07	1.10	1.23			3.21	3.13	3.25
wind -0.1 m/s	velocity	5.12	7.94	7.80	8.10	8.25	8.17	8.02	7.87	7.94	7.73	8.54	7.49		7.94	8.15	7.85

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 23-Aug-20	time	2.62	3.69	4.75	5.78	6.82	7.85	8.90	9.97	11.05	12.14		13.36	4 / 7			
reaction time 0.148	interval		1.07	1.06	1.03	1.04	1.03	1.05	1.07	1.08	1.09	1.22			3.16	3.12	3.24
wind 0.3 m/s	velocity	4.96	7.94	8.02	8.25	8.17	8.25	8.10	7.94	7.87	7.80	8.24	7.49		8.07	8.17	7.87

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20	time	2.67	3.75	4.82	5.86	6.87	7.92	8.96	10.03	11.10	12.19		13.36	/ 6			
reaction time	interval		1.08	1.07	1.04	1.01	1.05	1.04	1.07	1.07	1.09	1.17			3.19	3.10	3.23
wind 2.1 m/s	velocity	4.87	7.87	7.94	8.17	8.42	8.10	8.17	7.94	7.94	7.80	8.59	7.49		7.99	8.23	7.89

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Race 2 - 2020 World Athletics Trials (Fuji, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 06-Sep-20	time	2.65	3.73	4.77	5.82	6.84	7.89	8.94	9.98	11.07	12.16		13.36	/ 1			
reaction time	interval		1.08	1.04	1.05	1.02	1.05	1.05	1.04	1.09	1.09	1.20	PB		3.17	3.12	3.22
wind 1.3 m/s	velocity	4.91	7.87	8.17	8.10	8.33	8.10	8.10	8.17	7.80	7.80	8.38	7.49		8.04	8.17	7.92

Quenot, Fanny (FRA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20	time	2.60	3.61	4.66	5.70	6.75	7.80	8.81	9.93	10.94	12.05		13.36	6 / 3			
reaction time 0.483	interval		1.01	1.05	1.04	1.05	1.05	1.01	1.12	1.01	1.11	1.31			3.10	3.11	3.24

wind	1.5 m/s	velocity	5.00	8.42	8.10	8.17	8.10	8.10	8.42	7.59	8.42	7.66	7.67	7.49		8.23	8.20	7.87

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)															*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date	15-Sep-20	time	2.64	3.70	4.76	5.80	6.84	7.86	8.90	9.96	11.06	12.16		13.36	3 / 5			
reaction time		interval		1.06	1.06	1.04	1.04	1.02	1.04	1.06	1.10	1.10	1.20			3.16	3.10	3.26
wind	0.0 m/s	velocity	4.92	8.02	8.02	8.17	8.17	8.33	8.17	8.02	7.73	7.73	8.38	7.49		8.07	8.23	7.82

Oosterwegel, Emma (NED) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	04-Aug-21	time	2.73	3.80	4.84	5.89	6.91	7.93	8.98	10.02	11.06	12.13		13.36	5 / 2			
reaction time	0.176	interval		1.07	1.04	1.05	1.02	1.02	1.05	1.04	1.04	1.07	1.23	PB		3.16	3.09	3.15
wind	0.2 m/s	velocity	4.76	7.94	8.17	8.10	8.33	8.33	8.10	8.17	8.17	7.94	8.17	7.49		8.07	8.25	8.10

Kälin, Annik (SUI) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)															*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date	19-Aug-23	time	2.55	3.60	4.65	5.68	6.71	7.75	8.80	9.88	10.95	12.08		13.36	6 / 1			
reaction time	0.169	interval		1.05	1.05	1.03	1.03	1.04	1.05	1.08	1.07	1.13	1.28			3.13	3.12	3.28
wind	-0.2 m/s	velocity	5.10	8.10	8.10	8.25	8.25	8.17	8.10	7.87	7.94	7.52	7.85	7.49		8.15	8.17	7.77

Zhang Po-Ya (TPE) (2003)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	29-Apr-24	time	2.63	3.69	4.75	5.79	6.85	7.89	8.96	10.01	11.08	12.15		13.36	4 / 1			
reaction time	0.151	interval		1.06	1.06	1.04	1.06	1.04	1.07	1.05	1.07	1.07	1.21			3.16	3.17	3.19
wind	-0.6 m/s	velocity	4.94	8.02	8.02	8.17	8.02	8.17	7.94	8.10	7.94	7.94	8.31	7.49		8.07	8.04	7.99

Takahashi, Ami (JPN) (2005)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)															*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date	30-Jun-24	time	2.66	3.73	4.80	5.84	6.89	7.93	8.98	10.05	11.10	12.20		13.36	7 / 1			
reaction time	0.161	interval		1.07	1.07	1.04	1.05	1.04	1.05	1.07	1.05	1.10	1.16			3.18	3.14	3.22
wind	-0.2 m/s	velocity	4.89	7.94	7.94	8.17	8.10	8.17	8.10	7.94	8.10	7.73	8.66	7.49		8.02	8.12	7.92

Hall, Anna (USA) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)															*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	2.54	3.61	4.64	5.67	6.70	7.76	8.82	9.88	10.95	12.04		13.36	7 / 6			
reaction time	0.186	interval	7 steps	1.07	1.03	1.03	1.03	1.06	1.06	1.06	1.07	1.09	1.32			3.13	3.15	3.22
wind	-0.1 m/s	velocity	5.12	7.94	8.25	8.25	8.25	8.02	8.02	8.02	7.94	7.80	7.61	7.49		8.15	8.10	7.92

Mardomingo, María José (ESP) (196			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1998 Spanish National Championships (San Sebastián, ESP)															*Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*			
date	01-Aug-98	time	2.59	3.65	4.67	5.69	6.74	7.76	8.79	9.87	10.96	12.09		13.37	5 / 1			
reaction time		interval		1.06	1.02	1.02	1.05	1.02	1.03	1.08	1.09	1.13	1.28			3.10	3.10	3.30
wind	0.0 m/s	velocity	5.02	8.02	8.33	8.33	8.10	8.33	8.25	7.87	7.80	7.52	8.20	7.48		8.23	8.23	7.73

Kang Ya (CHN) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Chinese National Games (Tianjin, CHN)															*Henson (2017) - coaching observations*			
date	04-Sep-17	time	2.70	3.75	4.80	5.82	6.85	7.89	8.94	9.98	11.05	12.15		13.37	5 / 4			
reaction time		interval		1.05	1.05	1.02	1.03	1.04	1.05	1.04	1.07	1.10	1.22			3.12	3.12	3.21
wind	-0.2 m/s	velocity	4.81	8.10	8.10	8.33	8.25	8.17	8.10	8.17	7.94	7.73	8.61	7.48		8.17	8.17	7.94

Hsieh His-En (TPE) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Asian Athletics Championships (Doha, QAT)															*CAA Hurdle Development (2019)*			
date	24-Apr-19	time	2.64	3.68	4.74	5.78	6.81	7.86	8.89	9.96	11.02	12.13		13.37	8 / 6			
reaction time	0.146	interval		1.04	1.06	1.04	1.03	1.05	1.03	1.07	1.06	1.11	1.24	PB		3.14	3.11	3.24
wind	1.3 m/s	velocity	4.92	8.17	8.02	8.17	8.25	8.10	8.25	7.94	8.02	7.66	8.47	7.48		8.12	8.20	7.87

Aoki, Masumi (JPN) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)															*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date	19-May-19	time	2.63	3.68	4.72	5.76	6.79	7.82	8.87	9.92	10.99	12.12		13.37	3 / 9			
reaction time	0.132	interval		1.05	1.04	1.04	1.03	1.03	1.05	1.05	1.07	1.13	1.25			3.13	3.11	3.25
wind	0.4 m/s	velocity	4.94	8.10	8.17	8.17	8.25	8.25	8.10	8.10	7.94	7.52	8.40	7.48		8.15	8.20	7.85

Chen Jiamin (CHN) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN)															*CAA Hurdle Development (2019)*			
date	07-Jun-19	time	2.70	3.73	4.80	5.83	6.89	7.94	8.99	10.02	11.11	12.19		13.37	4 / 4			
reaction time	0.193	interval		1.03	1.07	1.03	1.06	1.05	1.05	1.03	1.09	1.08	1.18			3.13	3.16	3.20
wind	2.3 m/s	velocity	4.81	8.25	7.94	8.25	8.02	8.10	8.10	8.25	7.80	7.87	8.90	7.48		8.15	8.07	7.97

Hemphill, Megu (JPN) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Race 2 - 2020 World Athletics Trials (Fuji, JPN)															*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date	06-Sep-20	time	2.69	3.77	4.82	5.84	6.87	7.89	8.93	9.98	11.05	12.15		13.37	/ 2			
reaction time		interval		1.08	1.05	1.02	1.03	1.02	1.04	1.05	1.07	1.10	1.22			3.15	3.09	3.22
wind	1.3 m/s	velocity	4.83	7.87	8.10	8.33	8.25	8.33	8.17	8.10	7.94	7.73	8.24	7.48		8.10	8.25	7.92

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.70	3.78	4.82	5.85	6.88	7.91	8.95	10.01	11.07	12.17		13.37	5 / 1			
reaction time 0.130 interval		1.08	1.04	1.03	1.03	1.03	1.04	1.06	1.06	1.10	1.20			3.15	3.10	3.22
wind 0.3 m/s velocity	4.81	7.87	8.17	8.25	8.25	8.25	8.17	8.02	8.02	7.73	8.38	7.48		8.10	8.23	7.92

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 03-Oct-20 time	2.64	3.69	4.74	5.77	6.82	7.85	8.90	9.95	11.02	12.13		13.37	3 / 4			
reaction time 0.150 interval		1.05	1.05	1.03	1.05	1.03	1.05	1.05	1.07	1.11	1.24			3.13	3.13	3.23
wind -0.1 m/s velocity	4.92	8.10	8.10	8.25	8.10	8.25	8.10	8.10	7.94	7.66	8.10	7.48		8.15	8.15	7.89

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.64	3.68	4.72	5.72	6.76	7.78	8.80	9.86	10.96	12.10		13.37	3 / 3			
reaction time 0.201 interval		1.04	1.04	1.00	1.04	1.02	1.02	1.06	1.10	1.14	1.27			3.08	3.08	3.30
wind 0.1 m/s velocity	4.92	8.17	8.17	8.50	8.17	8.33	8.33	8.02	7.73	7.46	7.91	7.48		8.28	8.28	7.73

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 29-Apr-21 time	2.67	3.74	4.81	5.86	6.89	7.92	8.97	10.03	11.12	12.21		13.37	4 / 5			
reaction time interval		1.07	1.07	1.05	1.03	1.03	1.05	1.06	1.09	1.09	1.16			3.19	3.11	3.24
wind 1.6 m/s velocity	4.87	7.94	7.94	8.10	8.25	8.25	8.10	8.02	7.80	7.80	8.66	7.48		7.99	8.20	7.87

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 23-May-21 time	2.60	3.70	4.74	5.78	6.82	7.84	8.90	9.94	11.00	12.08		13.37	6 / 2			
reaction time 0.161 interval		1.10	1.04	1.04	1.04	1.02	1.06	1.04	1.06	1.08	1.29			3.18	3.12	3.18
wind -3.9 m/s velocity	5.00	7.73	8.17	8.17	8.17	8.33	8.02	8.17	8.02	7.87	7.79	7.48		8.02	8.17	8.02

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 01-Jun-21 time	2.67	3.70	4.76	5.79	6.84	7.87	8.94	10.01	11.09	12.18		13.37	3 / 5			
reaction time 0.146 interval		1.03	1.06	1.03	1.05	1.03	1.07	1.07	1.08	1.09	1.19			3.12	3.15	3.24
wind 0.3 m/s velocity	4.87	8.25	8.02	8.25	8.10	8.25	7.94	7.94	7.87	7.80	8.45	7.48		8.17	8.10	7.87

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22 time	2.67	3.75	4.81	5.85	6.88	7.91	8.96	10.01	11.09	12.20		13.37	8 / 4			
reaction time 0.145 interval		1.08	1.06	1.04	1.03	1.03	1.05	1.05	1.08	1.11	1.17			3.18	3.11	3.24
wind 0.8 m/s velocity	4.87	7.87	8.02	8.17	8.25	8.25	8.10	8.10	7.87	7.66	8.59	7.48		8.02	8.20	7.87

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22 time	2.69	3.78	4.85	5.88	6.91	7.95	9.00	10.05	11.13	12.22		13.37	5 / 5			
reaction time 0.146 interval		1.09	1.07	1.03	1.03	1.04	1.05	1.05	1.08	1.09	1.15			3.19	3.12	3.22
wind 0.8 m/s velocity	4.83	7.80	7.94	8.25	8.25	8.17	8.10	8.10	7.87	7.80	8.74	7.48		7.99	8.17	7.92

Fune, Hailey (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.63	3.68	4.75	5.85	6.90	7.93	8.96	10.00	11.08	12.13		13.37	8 / 7			
reaction time interval		1.05	1.07	1.10	1.05	1.03	1.03	1.04	1.08	1.05	1.24			3.22	3.11	3.17
wind 1.7 m/s velocity	4.94	8.10	7.94	7.73	8.10	8.25	8.25	8.17	7.87	8.10	8.10	7.48		7.92	8.20	8.04

Vesana, Veronica (ITA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.46	3.53	4.58	5.61	6.64	7.72	8.80	9.88	10.94	12.04		13.37	9 / 7			
reaction time 0.146 interval		1.07	1.05	1.03	1.03	1.08	1.08	1.08	1.06	1.10	1.33			3.15	3.19	3.24
wind 0.3 m/s velocity	5.28	7.94	8.10	8.25	8.25	7.87	7.87	7.87	8.02	7.73	7.56	7.48		8.10	7.99	7.87

Felicien, Perdita (CAN) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2009 Kansas Relays (Lawrence, KS)													*Winckler (2009) - UK Athletics- National Coaching Conference*			
date 18-Apr-09 time	2.71	3.76	4.78	5.80	6.81	7.85	8.88	9.95	11.01	12.13		13.38	/ 5			
reaction time interval		1.05	1.02	1.02	1.01	1.04	1.03	1.07	1.06	1.12	1.25			3.09	3.08	3.25
wind -0.2 m/s velocity	4.80	8.10	8.33	8.33	8.42	8.17	8.25	7.94	8.02	7.59	8.40	7.47		8.25	8.28	7.85

Argunova, Nina (RUS) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Windsprint (Sundsvall, SWE)													*Blomkvist (2012) - www.sub13.se*			
date 17-Jun-12 time	2.77	3.83	4.85	5.89	6.91	7.91	8.97	10.02	11.07	12.14		13.38	/ 1			
reaction time interval		1.06	1.02	1.04	1.02	1.00	1.06	1.05	1.05	1.07	1.24			3.12	3.08	3.17
wind 0.8 m/s velocity	4.69	8.02	8.33	8.17	8.33	8.50	8.02	8.10	8.10	7.94	8.47	7.47		8.17	8.28	8.04

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 All-Star Night Athletics (Hiratsuka, JPN)													*(2016.07.23) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 23-Jul-16 time	2.69	3.77	4.81	5.86	6.88	7.91	8.96	10.01	11.08	12.17		13.38	2 / 1			
reaction time 0.138 interval		1.08	1.04	1.05	1.02	1.03	1.05	1.05	1.07	1.09	1.21	PB		3.17	3.10	3.21
wind 1.1 m/s velocity	4.83	7.87	8.17	8.10	8.33	8.25	8.10	8.10	7.94	7.80	8.68	7.47		8.04	8.23	7.94

Abe, Haruka (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 26-Jun-16 time	2.59	3.68	4.74	5.76	6.82	7.89	8.94	10.01	11.10	12.20		13.38	4 / 2			
reaction time 0.122 interval		1.09	1.06	1.02	1.06	1.07	1.05	1.07	1.09	1.10	1.18			3.17	3.18	3.26
wind 2.1 m/s velocity	5.02	7.80	8.02	8.33	8.02	7.94	8.10	7.94	7.80	7.73	8.90	7.47		8.04	8.02	7.82

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 26-Jun-16 time	2.65	3.73	4.76	5.79	6.84	7.88	8.96	10.03	11.12	12.22		13.38	3 / 3			
reaction time 0.146 interval		1.08	1.03	1.03	1.05	1.04	1.08	1.07	1.09	1.10	1.16			3.14	3.17	3.26
wind 2.1 m/s velocity	4.91	7.87	8.25	8.25	8.10	8.17	7.87	7.94	7.80	7.73	9.05	7.47		8.12	8.04	7.82

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 16-Sep-18 time	2.74	3.81	4.83	5.89	6.92	7.96	8.97	10.04	11.08	12.19		13.38	4 / 2			
reaction time interval		1.07	1.02	1.06	1.03	1.04	1.01	1.07	1.04	1.11	1.19	PB		3.15	3.08	3.22
wind -0.2 m/s velocity	4.74	7.94	8.33	8.02	8.25	8.17	8.42	7.94	8.17	7.66	8.82	7.47		8.10	8.28	7.92

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.62	3.70	4.73	5.78	6.80	7.83	8.88	9.95	11.01	12.14		13.38	2 / 2			
reaction time interval		1.08	1.03	1.05	1.02	1.03	1.05	1.07	1.06	1.13	1.24	PB		3.16	3.10	3.26
wind 0.6 m/s velocity	4.96	7.87	8.25	8.10	8.33	8.25	8.10	7.94	8.02	7.52	8.47	7.47		8.07	8.23	7.82

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.68	3.72	4.77	5.81	6.85	7.89	8.92	10.01	11.08	12.18		13.38	4 / 3			
reaction time 0.170 interval		1.04	1.05	1.04	1.04	1.04	1.03	1.09	1.07	1.10	1.20	PB		3.13	3.11	3.26
wind 0.2 m/s velocity	4.85	8.17	8.10	8.17	8.17	8.17	8.25	7.80	7.94	7.73	8.75	7.47		8.15	8.20	7.82

Beahan, Brianna (AUS) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2019 IAAF World Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 06-Oct-19 time	2.68	3.71	4.74	5.76	6.78	7.80	8.86	9.92	10.98	12.06		13.38	2 / ~~8~~ 7			
reaction time 0.131 interval		1.03	1.03	1.02	1.02	1.02	1.06	1.06	1.06	1.08	1.32			3.08	3.10	3.20
wind 0.6 m/s velocity	4.85	8.25	8.25	8.33	8.33	8.33	8.02	8.02	8.02	7.87	7.61	7.47		8.28	8.23	7.97

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23 time	2.68	3.74	4.80	5.84	6.86	7.90	8.95	10.01	11.09	12.20		13.38	8 / 6			
reaction time 0.131 interval		1.06	1.06	1.04	1.02	1.04	1.05	1.06	1.08	1.11	1.18			3.16	3.11	3.25
wind 0.7 m/s velocity	4.85	8.02	8.02	8.17	8.33	8.17	8.10	8.02	7.87	7.66	8.52	7.47		8.07	8.20	7.85
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.73	3.80	4.86	5.90	6.92	7.94	8.96	10.02	11.08	12.14		13.38	5 / 2			
reaction time 0.181 interval		1.07	1.06	1.04	1.02	1.02	1.02	1.06	1.06	1.06	1.24			3.17	3.06	3.18
wind -0.2 m/s velocity	4.76	7.94	8.02	8.17	8.33	8.33	8.33	8.02	8.02	8.02	8.10	7.47		8.04	8.33	8.02

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date 30-Jun-24 time	2.71	3.80	4.84	5.87	6.92	7.96	8.99	10.04	11.09	12.16		13.38	9 / 4			
reaction time 0.123 interval		1.09	1.04	1.03	1.05	1.04	1.03	1.05	1.05	1.07	1.22			3.16	3.12	3.17
wind 0.2 m/s velocity	4.80	7.80	8.17	8.25	8.10	8.17	8.25	8.10	8.10	7.94	8.24	7.47		8.07	8.17	8.04

Nunn-Cearns, Glynis (AUS) (1960)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1983 IAAF World Championships (Helsinki, FIN)													*Knobe (1984) - the hurdles*			
date 13-Aug-83 time	2.61	3.75	4.75	5.79	6.88	7.89	8.92	9.95	11.00	12.10		13.39	6 / 8			
reaction time interval		1.14	1.00	1.04	1.09	1.01	1.03	1.03	1.05	1.10	1.29			3.18	3.13	3.18
wind 1.6 m/s velocity	4.98	7.46	8.50	8.17	7.80	8.42	8.25	8.25	8.10	7.73	8.14	7.47		8.02	8.15	8.02

Sprenger, Juliane (GER) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2000 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00 time	2.66	3.72	4.76	5.80	6.83	7.88	8.93					13.39	/ 8			
reaction time 0.166 interval		1.06	1.04	1.04	1.03	1.05	1.05							3.14	3.13	
wind -0.2 m/s velocity	4.89	8.02	8.17	8.17	8.25	8.10	8.10					7.47		8.12	8.15	

Ishino, Mami (JPN) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Nambu Chuhei Memorial (Harodate, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			

date	06-Jul-08	time	2.60	3.67	4.71	5.75	6.78	7.81	8.86	9.91	10.97	12.06		13.39	/ 2			
reaction time		interval		1.07	1.04	1.04	1.03	1.03	1.05	1.05	1.06	1.09	1.33			3.15	3.11	3.20
wind	1.8 m/s	velocity	5.00	7.94	8.17	8.17	8.25	8.25	8.10	8.10	8.02	7.80	7.89	7.47		8.10	8.20	7.97

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2011 IAAF World Championships (Daegu, KOR)													*KSSB (2011) - biomechanical analysis of women's 100m hurdle*			
date 02-Sep-11 time	2.65	3.70	4.76	5.81	6.85	7.91	8.97	10.03	11.12	12.21		13.39	5 / 7			
reaction time 0.139 interval		1.05	1.06	1.05	1.04	1.06	1.06	1.06	1.09	1.09	1.18			3.16	3.16	3.24
wind -0.6 m/s velocity	4.91	8.10	8.02	8.10	8.17	8.02	8.02	8.02	7.80	7.80	8.90	7.47		8.07	8.07	7.87

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 All-Star Night Athletics (Hiratsuka, JPN)													*(2016.07.23) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 23-Jul-16 time	2.67	3.74	4.82	5.87	6.90	7.94	8.99	10.05	11.14	12.23		13.39	5 / 2			
reaction time 0.153 interval		1.07	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.09	1.16			3.20	3.12	3.24
wind 1.1 m/s velocity	4.87	7.94	7.87	8.10	8.25	8.17	8.10	8.02	7.80	7.80	9.05	7.47		7.97	8.17	7.87

Yuidori, Yuida (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.10.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.64	3.73	4.77	5.80	6.83	7.89	8.93	9.99	11.07	12.17		13.39	6 / 1			
reaction time interval		1.09	1.04	1.03	1.03	1.06	1.04	1.06	1.08	1.10	1.22	NYR		3.16	3.13	3.24
wind 0.8 m/s velocity	4.92	7.34	7.69	7.77	7.77	7.55	7.69	7.55	7.41	7.27	12.30	7.47		7.59	7.67	7.41

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)													*(2017) - tfdata-store.com/2017/06/04/post-848/*			
date 04-Jun-17 time	2.70	3.77	4.83	5.85	6.87	7.91	8.98	10.01	11.09	12.19		13.39	4 / 3			
reaction time interval		1.07	1.06	1.02	1.02	1.04	1.07	1.03	1.08	1.10	1.20			3.15	3.13	3.21
wind 3.7 m/s velocity	4.81	7.94	8.02	8.33	8.33	8.17	7.94	8.25	7.87	7.73	8.75	7.47		8.10	8.15	7.94

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)													*Henson (2021) - Athlete First: 2018 year end hurdle report*			
date 08-Sep-18 time	2.52	3.56	4.60	5.64	6.66	7.70	8.74	9.82	10.88	12.02		13.39	5 / 6			
reaction time 0.166 interval		1.04	1.04	1.04	1.02	1.04	1.04	1.08	1.06	1.14	1.37			3.12	3.10	3.28
wind -0.1 m/s velocity	5.16	8.17	8.17	8.17	8.33	8.17	8.17	7.87	8.02	7.46	7.66	7.47		8.17	8.23	7.77

Hsieh His-En (TPE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 23-Apr-19 time		3.74	4.77	5.81	6.86	7.89	8.95	9.99	11.07	12.16		13.39	3 / 3			
reaction time 0.157 interval			1.03	1.04	1.05	1.03	1.06	1.04	1.08	1.09	1.23	PB			3.14	3.21
wind 1.3 m/s velocity			8.25	8.17	8.10	8.25	8.02	8.17	7.87	7.80	8.54	7.47			8.12	7.94

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.69	3.75	4.80	5.85	6.89	7.92	8.98	10.03	11.10	12.19		13.39	4 / 3			
reaction time interval		1.06	1.05	1.05	1.04	1.03	1.06	1.05	1.07	1.09	1.20			3.16	3.13	3.21
wind 0.6 m/s velocity	4.83	8.02	8.10	8.10	8.17	8.25	8.02	8.10	7.94	7.80	8.75	7.47		8.07	8.15	7.94

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19 time	2.69	3.77	4.83	5.88	6.93	7.97	9.03	10.08	11.14	12.26		13.39	2 / 6			
reaction time interval		1.08	1.06	1.05	1.05	1.04	1.06	1.05	1.06	1.12	1.13	PB		3.19	3.15	3.23
wind 0.6 m/s velocity	4.83	7.87	8.02	8.10	8.10	8.17	8.02	8.10	8.02	7.59	9.29	7.47		7.99	8.10	7.89

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 30-May-19 time	2.60	3.68	4.68	5.72	6.74	7.76	8.80	9.84	10.92	12.08		13.39	7 / 8			
reaction time 0.162 interval		1.08	1.00	1.04	1.02	1.02	1.04	1.04	1.08	1.16	1.31			3.12	3.08	3.28
wind 1.3 m/s velocity	5.00	7.87	8.50	8.17	8.33	8.33	8.17	8.17	7.87	7.33	8.02	7.47		8.17	8.28	7.77

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 01-Jun-21 time	2.74	3.83	4.86	5.89	6.92	7.95	9.00	10.06	11.12	12.21		13.39	9 / 6			
reaction time 0.190 interval		1.09	1.03	1.03	1.03	1.03	1.05	1.06	1.06	1.09	1.18			3.15	3.11	3.21
wind 0.3 m/s velocity	4.74	7.80	8.25	8.25	8.25	8.25	8.10	8.02	8.02	7.80	8.52	7.47		8.10	8.20	7.94

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21 time	2.57	3.64	4.70	5.74	6.79	7.83	8.89	9.96	11.01	12.09		13.39	5 / 3			
reaction time 0.164 interval		1.07	1.06	1.04	1.05	1.04	1.06	1.07	1.05	1.08	1.30			3.17	3.15	3.20
wind 2.2 m/s velocity	5.06	7.94	8.02	8.17	8.10	8.17	8.02	7.94	8.10	7.87	7.73	7.47		8.04	8.10	7.97

Jones, Hannah (AUS) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 13-Jul-21 time	2.60	3.67	4.73	5.80	6.87	7.94	9.00	10.02	11.07	12.12		13.39	8 / 7			

reaction time	0.175	interval		1.07	1.06	1.07	1.07	1.07	1.06	1.02	1.05	1.05	1.27			3.20	3.20	3.12
wind	1.5 m/s	velocity	5.00	7.94	8.02	7.94	7.94	7.94	8.02	8.33	8.10	8.10	7.91	7.47		7.97	7.97	8.17

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 08-May-22	time	2.67	3.79	4.84	5.89	6.92	7.97	9.01	10.06	11.13	12.20		13.39	8 / 7			
reaction time 0.175	interval		1.12	1.05	1.05	1.03	1.05	1.04	1.05	1.07	1.07	1.19			3.22	3.12	3.19
wind -0.1 m/s	velocity	4.87	7.59	8.10	8.10	8.25	8.10	8.17	8.10	7.94	7.94	8.45	7.47		7.92	8.17	7.99

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 07-May-23	time	2.67	3.74	4.78	5.81	6.85	7.88	8.94	10.00	11.07	12.17		13.39	2 / 7			
reaction time 0.155	interval		1.07	1.04	1.03	1.04	1.03	1.06	1.06	1.07	1.10	1.22			3.14	3.13	3.23
wind 0.7 m/s	velocity	4.87	7.94	8.17	8.25	8.17	8.25	8.02	8.02	7.94	7.73	8.24	7.47		8.12	8.15	7.89

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23	time	2.44	3.54	4.60	5.65	6.69	7.72	8.76	9.82	10.89	11.99		13.39	6 / 3			
reaction time 0.137	interval		1.10	1.06	1.05	1.04	1.03	1.04	1.06	1.07	1.10	1.40			3.21	3.11	3.23
wind 0.6 m/s	velocity	5.33	7.73	8.02	8.10	8.17	8.25	8.17	8.02	7.94	7.73	7.18	7.47		7.94	8.20	7.89

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24	time	2.74	3.78	4.83	5.87	6.92	7.92	8.99	10.06	11.15	12.24		13.39	7 / 2			
reaction time 0.177	interval		1.04	1.05	1.04	1.05	1.00	1.07	1.07	1.09	1.09	1.15			3.13	3.12	3.25
wind 0.6 m/s	velocity	4.74	8.17	8.10	8.17	8.10	8.50	7.94	7.94	7.80	7.80	8.74	7.47		8.15	8.17	7.85

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17	time	2.71	3.81	4.88	5.92	6.98	8.02	9.05	10.10	11.16	12.23		13.40	2 / 4			
reaction time	interval		1.10	1.07	1.04	1.06	1.04	1.03	1.05	1.06	1.07	1.17			3.21	3.13	3.18
wind 2.0 m/s	velocity	4.80	7.73	7.94	8.17	8.02	8.17	8.25	8.10	8.02	7.94	8.97	7.46		7.94	8.15	8.02

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.72	3.77	4.84	5.87	6.89	7.93	8.97	10.04	11.10	12.20		13.40	6 / 3			
reaction time 0.183	interval		1.05	1.07	1.03	1.02	1.04	1.04	1.07	1.06	1.10	1.20			3.15	3.10	3.23
wind 0.3 m/s	velocity	4.78	8.10	7.94	8.25	8.33	8.17	8.17	7.94	8.02	7.73	8.75	7.46		8.10	8.23	7.89

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			
date 01-Sep-19	time	2.70	3.77	4.81	5.85	6.88	7.94	9.00	10.07	11.15	12.25		13.40	7 / 6			
reaction time	interval		1.07	1.04	1.04	1.03	1.06	1.06	1.07	1.08	1.10	1.15			3.15	3.15	3.25
wind 1.2 m/s	velocity	4.81	7.94	8.17	8.17	8.25	8.02	8.02	7.94	7.87	7.73	9.13	7.46		8.10	8.10	7.85

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.72	3.79	4.83	5.88	6.92	7.98	9.04	10.10	11.18	12.27		13.40	5 / 3			
reaction time 0.184	interval		1.07	1.04	1.05	1.04	1.06	1.06	1.06	1.08	1.09	1.13			3.16	3.16	3.23
wind -0.4 m/s	velocity	4.78	7.94	8.17	8.10	8.17	8.02	8.02	8.02	7.87	7.80	8.89	7.46		8.07	8.07	7.89

Shimano, Mao (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 29-Apr-21	time	2.63	3.71	4.75	5.80	6.82	7.86	8.91	10.00	11.08	12.19		13.40	2 / 6			
reaction time	interval		1.08	1.04	1.05	1.02	1.04	1.05	1.09	1.08	1.11	1.21			3.17	3.11	3.28
wind 1.6 m/s	velocity	4.94	7.87	8.17	8.10	8.33	8.17	8.10	7.80	7.87	7.66	8.31	7.46		8.04	8.20	7.77

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21	time	2.65	3.70	4.77	5.84	6.87	7.91	8.96	10.01	11.08	12.14		13.40	7 / 4			
reaction time 0.319	interval		1.05	1.07	1.07	1.03	1.04	1.05	1.05	1.07	1.06	1.26			3.19	3.12	3.18
wind 2.2 m/s	velocity	4.91	8.10	7.94	7.94	8.25	8.17	8.10	8.10	7.94	8.02	7.98	7.46		7.99	8.17	8.02

Batista, Ketiley (BRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21	time	2.61	3.66	4.69	5.74	6.77	7.81	8.87	9.94	11.01	12.12		13.40	8 / 7			
reaction time	interval		1.05	1.03	1.05	1.03	1.04	1.06	1.07	1.07	1.11	1.28			3.13	3.13	3.25
wind -1.1 m/s	velocity	4.98	8.10	8.25	8.10	8.25	8.17	8.02	7.94	7.94	7.66	7.85	7.46		8.15	8.15	7.85

Hayashi, Miki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24	time	2.64	3.71	4.76	5.77	6.81	7.85	8.90	9.96	11.07	12.17		13.40	5 / 2			
reaction time 0.158	interval		1.07	1.05	1.01	1.04	1.04	1.05	1.06	1.11	1.10	1.23	**=PB**		3.13	3.13	3.27

wind	-0.2 m/s	velocity	4.92	7.94	8.10	8.42	8.17	8.17	8.10	8.02	7.66	7.73	8.17	7.46		8.15	8.15	7.80

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.52	3.60	4.64	5.67	6.70	7.75	8.79	9.85	10.92	12.03		13.40	8 / 8			
reaction time 0.142 interval		1.08	1.04	1.03	1.03	1.05	1.04	1.06	1.07	1.11	1.37			3.15	3.12	3.24
wind -0.6 m/s velocity	5.16	7.87	8.17	8.25	8.25	8.10	8.17	8.02	7.94	7.66	7.34	7.46		8.10	8.17	7.87

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.53	3.63	4.70	5.76	6.80	7.85	8.91	9.96	11.02	12.10		13.40	6 / 2			
reaction time 0.187 interval	7 steps	1.10	1.07	1.06	1.04	1.05	1.06	1.05	1.06	1.08	1.30			3.23	3.15	3.19
wind 0.1 m/s velocity	5.14	7.73	7.94	8.02	8.17	8.10	8.02	8.10	8.02	7.87	7.73	7.46		7.89	8.10	7.99

Gerevini, Sveva (ITA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.58	3.67	4.70	5.74	6.78	7.83	8.88	9.92	10.96	12.03		13.40	9 / 7			
reaction time 0.156 interval		1.09	1.03	1.04	1.04	1.05	1.05	1.04	1.04	1.07	1.37			3.16	3.14	3.15
wind -0.1 m/s velocity	5.04	7.80	8.25	8.17	8.17	8.10	8.10	8.17	8.17	7.94	7.34	7.46		8.07	8.12	8.10

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Fuse Sprint (Tottori, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 03-Jun-18 time	2.65	3.73	4.79	5.83	6.84	7.87	8.91	9.97	11.05	12.13		13.41	/ 4			
reaction time interval		1.08	1.06	1.04	1.01	1.03	1.04	1.06	1.08	1.08	1.28			3.18	3.08	3.22
wind 0.6 m/s velocity	4.91	7.87	8.02	8.17	8.42	8.25	8.17	8.02	7.87	7.87	8.20	7.46		8.02	8.28	7.92

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)													*CAA Hurdle Development (2019)*			
date 23-May-19 time	2.72	3.78	4.82	5.86	6.90	7.94	8.98	10.04	11.12	12.22		13.41	6 / 2			
reaction time 0.222 interval		1.06	1.04	1.04	1.04	1.04	1.04	1.06	1.08	1.10	1.19			3.14	3.12	3.24
wind 0.4 m/s velocity	4.78	8.02	8.17	8.17	8.17	8.17	8.17	8.02	7.87	7.73	8.82	7.46		8.12	8.17	7.87

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Fuse Sprint (Tottori, JPN)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 02-Jun-19 time	2.67	3.75	4.80	5.84	6.88	7.93	8.99	10.06	11.14	12.25		13.41	2 / 7			
reaction time 0.126 interval		1.08	1.05	1.04	1.04	1.05	1.06	1.07	1.08	1.11	1.16			3.17	3.15	3.26
wind 3.5 m/s velocity	4.87	7.87	8.10	8.17	8.17	8.10	8.02	7.94	7.87	7.66	9.05	7.46		8.04	8.10	7.82

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)													*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date 29-Jun-19 time	2.71	3.77	4.82	5.85	6.90	7.94	9.01	10.08	11.16	12.27		13.41	3 / 8			
reaction time 0.165 interval		1.06	1.05	1.03	1.05	1.04	1.07	1.07	1.08	1.11	1.14			3.14	3.16	3.26
wind 0.6 m/s velocity	4.80	8.02	8.10	8.25	8.10	8.17	7.94	7.94	7.87	7.66	9.21	7.46		8.12	8.07	7.82

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.75	3.81	4.87	5.91	6.93	7.97	9.02	10.09	11.16	12.25		13.41	5 / 2			
reaction time 0.202 interval		1.06	1.06	1.04	1.02	1.04	1.05	1.07	1.07	1.09	1.16			3.16	3.11	3.23
wind -0.3 m/s velocity	4.73	8.02	8.02	8.17	8.33	8.17	8.10	7.94	7.94	7.80	8.66	7.46		8.07	8.20	7.89

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 29-Apr-23 time	2.72	3.81	4.86	5.88	6.92	7.97	9.03	10.09	11.18	12.26		13.41	1 / 6			
reaction time 0.172 interval		1.09	1.05	1.02	1.04	1.05	1.06	1.06	1.09	1.08	1.15			3.16	3.15	3.23
wind 0.6 m/s velocity	4.78	7.80	8.10	8.33	8.17	8.10	8.02	8.02	7.80	7.87	8.74	7.46		8.07	8.10	7.89

Magee, Paige (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.77	3.87	4.92	5.95	6.98	8.02	9.07	10.12	11.18	12.23		13.41	9 / 6			
reaction time interval		1.10	1.05	1.03	1.03	1.04	1.05	1.05	1.06	1.05	1.18			3.18	3.12	3.16
wind 0.2 m/s velocity	4.69	7.73	8.10	8.25	8.25	8.17	8.10	8.10	8.02	8.10	8.52	7.46		8.02	8.17	8.07

Oosterwegel, Emma (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.57	3.70	4.77	5.82	6.85	7.89	8.94	9.98	11.03	12.10		13.41	3 / 1			
reaction time 0.169 interval		1.13	1.07	1.05	1.03	1.04	1.05	1.04	1.05	1.07	1.31			3.25	3.12	3.16
wind 0.0 m/s velocity	5.06	7.52	7.94	8.10	8.25	8.17	8.10	8.17	8.10	7.94	7.67	7.46		7.85	8.17	8.07

Wu Binbin (CHN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24 time	2.64	3.72	4.78	5.84	6.89	7.94	9.01	10.09	11.17	12.26		13.41	8 / 3			
reaction time 0.146 interval		1.08	1.06	1.06	1.05	1.05	1.07	1.08	1.08	1.09	1.15			3.20	3.17	3.25
wind 0.6 m/s velocity	4.92	7.87	8.02	8.02	8.10	8.10	7.94	7.87	7.87	7.80	8.74	7.46		7.97	8.04	7.85

Bates, Joyce (USA) (1977)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													*USATF Women's Sprint Development (1996)*			
date 29-Jun-96	time	2.46	3.60	4.63	5.63	6.70	7.73	8.79	9.88	10.95	12.01		13.42	4 / 2			
reaction time	interval		1.14	1.03	1.00	1.07	1.03	1.06	1.09	1.07	1.06	1.41			3.17	3.16	3.22
wind -2.5 m/s	velocity	5.28	7.46	8.25	8.50	7.94	8.25	8.02	7.80	7.94	8.02	7.45	7.45		8.04	8.07	7.92

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National Championships (Niigata, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 27-Jun-15	time	2.67	3.71	4.76	5.83	6.87	7.92	8.97	10.04	11.15	12.24		13.42	7 / 3			
reaction time 0.163	interval		1.04	1.05	1.07	1.04	1.05	1.05	1.07	1.11	1.09	1.18			3.16	3.14	3.27
wind -0.2 m/s	velocity	4.87	8.17	8.10	7.94	8.17	8.10	8.10	7.94	7.66	7.80	8.90	7.45		8.07	8.12	7.80

Ofili, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 05-May-17	time	2.64	3.70	4.78	5.84	6.88	7.92	8.96	10.00	11.04	12.14		13.42	7 / 7			
reaction time 0.158	interval		1.06	1.08	1.06	1.04	1.04	1.04	1.04	1.04	1.10	1.28			3.20	3.12	3.18
wind -2.3 m/s	velocity	4.92	8.02	7.87	8.02	8.17	8.17	8.17	8.17	8.17	7.73	8.20	7.45		7.97	8.17	8.02

Koala, Martha Yasmine (BUR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)													*Henson (2021) - Athlete First: 2018 year end hurdle report*			
date 08-Sep-18	time	2.64	3.72	4.76	5.80	6.80	7.84	8.88	9.92	11.02	12.10		13.42	8 / 7			
reaction time 0.157	interval		1.08	1.04	1.04	1.00	1.04	1.04	1.04	1.10	1.08	1.32			3.16	3.08	3.22
wind -0.1 m/s	velocity	4.92	7.87	8.17	8.17	8.50	8.17	8.17	8.17	7.73	7.87	7.95	7.45		8.07	8.28	7.92

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 08-Apr-19	time	2.64	3.73	4.79	5.84	6.87	7.92	8.98	10.03	11.12	12.20		13.42	4 / 1			
reaction time 0.191	interval		1.09	1.06	1.05	1.03	1.05	1.06	1.05	1.09	1.08	1.22	PB		3.20	3.14	3.22
wind 1.0 m/s	velocity	4.92	7.80	8.02	8.10	8.25	8.10	8.02	8.10	7.80	7.87	8.61	7.45		7.97	8.12	7.92

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)													*CAA Hurdle Development (2019)*			
date 23-May-19	time	2.72	3.78	4.84	5.88	6.92	7.98	9.04	10.10	11.16	12.24		13.42	7 / 3			
reaction time 0.185	interval		1.06	1.06	1.04	1.04	1.06	1.06	1.06	1.06	1.08	1.18			3.16	3.16	3.20
wind 0.4 m/s	velocity	4.78	8.02	8.02	8.17	8.17	8.02	8.02	8.02	8.02	7.87	8.90	7.45		8.07	8.07	7.97

Lui Lai Yiu (HKG) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 04-Jun-19	time	2.65	3.73	4.78	5.82	6.87	7.90	8.99	10.04	11.11	12.21		13.42	3 / 2			
reaction time 0.151	interval		1.08	1.05	1.04	1.05	1.03	1.09	1.05	1.07	1.10	1.21			3.17	3.17	3.22
wind -1.2 m/s	velocity	4.91	7.87	8.10	8.17	8.10	8.25	7.80	8.10	7.94	7.73	8.68	7.45		8.04	8.04	7.92

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 24-Oct-20	time	2.71	3.81	4.89	5.94	7.03	8.10	9.21	10.31	11.43	12.54		13.42	2 / 2			
reaction time	interval		1.10	1.08	1.05	1.09	1.07	1.11	1.10	1.12	1.11	0.88			3.23	3.27	3.33
wind -1.4 m/s	velocity	4.80	7.73	7.87	8.10	7.80	7.94	7.66	7.73	7.59	7.66	11.42	7.45		7.89	7.80	7.66

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21	time	2.68	3.74	4.80	5.82	6.84	7.86	8.88	9.94	11.00	12.12		13.42	5 / 1			
reaction time 0.153	interval		1.06	1.06	1.02	1.02	1.02	1.02	1.06	1.06	1.12	1.30			3.14	3.06	3.24
wind 0.4 m/s	velocity	4.85	8.02	8.02	8.33	8.33	8.33	8.33	8.02	8.02	7.59	7.73	7.45		8.12	8.33	7.87

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21	time	2.66	3.70	4.76	5.80	6.84	7.88	8.93	10.02	11.08	12.18		13.42	2 / 5			
reaction time 0.156	interval		1.04	1.06	1.04	1.04	1.04	1.05	1.09	1.06	1.10	1.24			3.14	3.13	3.25
wind 1.0 m/s	velocity	4.89	8.17	8.02	8.17	8.17	8.17	8.10	7.80	8.02	7.73	8.10	7.45		8.12	8.15	7.85

Takeuchi, Maya (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Japanese National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 27-Jun-21	time	2.61	3.69	4.76	5.81	6.86	7.91	9.00	10.07	11.17	12.26		13.42	8 / 4			
reaction time 0.143	interval		1.08	1.07	1.05	1.05	1.05	1.09	1.07	1.10	1.09	1.16	PB		3.20	3.19	3.26
wind 0.0 m/s	velocity	4.98	7.87	7.94	8.10	8.10	8.10	7.80	7.94	7.73	7.80	8.66	7.45		7.97	7.99	7.82

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese Student Games (Qingdao, CHN)													*CAA Hurdle Development (2021)*			
date 14-Jul-21	time	2.62	3.67	4.70	5.77	6.81	7.84	8.90	9.97	11.07	12.17		13.42	4 / 3			
reaction time	interval		1.05	1.03	1.07	1.04	1.03	1.06	1.07	1.10	1.10	1.25			3.15	3.13	3.27
wind -0.7 m/s	velocity	4.96	8.10	8.25	7.94	8.17	8.25	8.02	7.94	7.73	7.73	8.04	7.45		8.10	8.15	7.80

Tanaka, Kiyono (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22	time	2.60	3.69	4.75	5.78	6.82	7.87	8.92	10.00	11.07	12.18		13.42	2 / 6			
reaction time 0.148	interval		1.09	1.06	1.03	1.04	1.05	1.05	1.08	1.07	1.11	1.24			3.18	3.14	3.26
wind 0.8 m/s	velocity	5.00	7.80	8.02	8.25	8.17	8.10	8.10	7.87	7.94	7.66	8.10	7.45		8.02	8.12	7.82

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23	time	2.73	3.80	4.84	5.86	6.89	7.90	8.95	10.01	11.09	12.19		13.42	3 / 7			
reaction time 0.224	interval		1.07	1.04	1.02	1.03	1.01	1.05	1.06	1.08	1.10	1.23			3.13	3.09	3.24
wind -1.2 m/s	velocity	4.76	7.94	8.17	8.33	8.25	8.42	8.10	8.02	7.87	7.73	8.17	7.45		8.15	8.25	7.87

Vetter, Anouk (NED) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23	time	2.68	3.73	4.76	5.82	6.87	7.91	8.95	10.02	11.12	12.25		13.42	4 / 5			
reaction time 0.153	interval		1.05	1.03	1.06	1.05	1.04	1.04	1.07	1.10	1.13	1.17			3.14	3.13	3.30
wind 0.4 m/s	velocity	4.85	8.10	8.25	8.02	8.10	8.17	8.17	7.94	7.73	7.52	8.59	7.45		8.12	8.15	7.73

Groot, Mira (NED) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24	time	2.53	3.63	4.69	5.73	6.76	7.81	8.86	9.92	11.00	12.11		13.42	1 / 8			
reaction time 0.152	interval		1.10	1.06	1.04	1.03	1.05	1.05	1.06	1.08	1.11	1.31			3.20	3.13	3.25
wind 0.3 m/s	velocity	5.14	7.73	8.02	8.17	8.25	8.10	8.10	8.02	7.87	7.66	7.67	7.45		7.97	8.15	7.85

Yokoyama, Suzuha (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)													*Takashima (2024) - national high school sports festival - biomechanics data*			
date 01-Aug-24	time	2.62	3.65	4.69	5.73	6.76	7.80	8.85	9.95	11.03	12.15		13.42	6 / 1			
reaction time 0.158	interval		1.03	1.04	1.04	1.03	1.04	1.05	1.10	1.08	1.12	1.27	PB		3.11	3.12	3.30
wind 1.0 m/s	velocity	4.96	8.25	8.17	8.17	8.25	8.17	8.10	7.73	7.87	7.59	7.91	7.45		8.20	8.17	7.73

Schäfer, Carolin (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24	time	2.62	3.73	4.79	5.84	6.89	7.93	8.97	10.02	11.07	12.14		13.42	6 / 2			
reaction time 0.192	interval		1.11	1.06	1.05	1.05	1.04	1.04	1.05	1.05	1.07	1.28			3.22	3.13	3.17
wind 0.0 m/s	velocity	4.96	7.66	8.02	8.10	8.10	8.17	8.17	8.10	8.10	7.94	7.85	7.45		7.92	8.15	8.04

Kuchma, Oksana (UKR) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 European Cup (Munich, GER)													*Jung (2003) - http://www.fgs.uni-halle.de*			
date 22-Jun-97	time	2.69	3.78	4.84	5.87	6.91	7.96	9.01	10.06	11.15	12.25		13.43	/ 5			
reaction time	interval		1.09	1.06	1.03	1.04	1.05	1.05	1.05	1.09	1.10	1.18			3.18	3.14	3.24
wind 0.7 m/s	velocity	4.83	7.80	8.02	8.25	8.17	8.10	8.10	8.10	7.80	7.73	8.90	7.45		8.02	8.12	7.87

Tuvesson, Emma (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2011 Windsprint (Sundsvall, SWE)													*Blomkvist (2011) - www.sub13.se*			
date 31-Jul-11	time	2.73	3.80	4.85	5.92	6.97	8.02	9.06	10.11	11.17	12.25		13.43	/ 3			
reaction time	interval		1.07	1.05	1.07	1.05	1.05	1.04	1.05	1.06	1.08	1.18			3.19	3.14	3.19
wind 1.4 m/s	velocity	4.76	7.94	8.10	7.94	8.10	8.10	8.17	8.10	8.02	7.87	8.90	7.45		7.99	8.12	7.99

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 26-Jun-16	time	2.67	3.75	4.80	5.86	6.91	7.97	9.04	10.11	11.19	12.27		13.43	7 / 4			
reaction time 0.140	interval		1.08	1.05	1.06	1.05	1.06	1.07	1.07	1.08	1.08	1.16			3.19	3.18	3.23
wind 2.1 m/s	velocity	4.87	7.87	8.10	8.02	8.10	8.02	7.94	7.94	7.87	7.87	9.05	7.45		7.99	8.02	7.89

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 26-Jun-16	time	2.66	3.74	4.80	5.86	6.93	7.98	9.03	10.11	11.18	12.27		13.43	6 / 5			
reaction time 0.134	interval		1.08	1.06	1.06	1.07	1.05	1.05	1.08	1.07	1.09	1.16			3.20	3.17	3.24
wind 2.1 m/s	velocity	4.89	7.87	8.02	8.02	7.94	8.10	8.10	7.87	7.94	7.80	9.05	7.45		7.97	8.04	7.87

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19	time	2.69	3.78	4.86	5.91	6.96	7.99	9.03	10.09	11.16	12.24		13.43	5 / 7			
reaction time	interval		1.09	1.08	1.05	1.05	1.03	1.04	1.06	1.07	1.08	1.19			3.22	3.12	3.21
wind 0.6 m/s	velocity	4.83	7.80	7.87	8.10	8.10	8.25	8.17	8.02	7.94	7.87	8.82	7.45		7.92	8.17	7.94

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.72	3.78	4.84	5.91	6.94	7.97	9.04	10.08	11.14	12.21		13.43	2 / 1			
reaction time 0.216	interval		1.06	1.06	1.07	1.03	1.03	1.07	1.04	1.06	1.07	1.22			3.19	3.13	3.17
wind -0.3 m/s	velocity	4.78	8.02	8.02	7.94	8.25	8.25	7.94	8.17	8.02	7.94	8.61	7.45		7.99	8.15	8.04

Bapte, Laeticia (FRA) (1999)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	12-Sep-20	time	2.63	3.70	4.79	5.87	6.89	7.90	8.92	9.97	11.04	12.12		13.43	3 / 4			
reaction time	0.215	interval	9 steps	1.07	1.09	1.08	1.02	1.01	1.02	1.05	1.07	1.08	1.31			3.24	3.05	3.20
wind	1.5 m/s	velocity	4.94	7.94	7.80	7.87	8.33	8.42	8.33	8.10	7.94	7.87	7.67	7.45		7.87	8.36	7.97

Fujimori, Nana (JPN) (1997)

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Sep-20	time	2.69	3.76	4.81	5.84	6.89	7.95	9.00	10.08	11.17	12.29		13.43	4 / 4			
reaction time	0.131	interval		1.07	1.05	1.03	1.05	1.06	1.05	1.08	1.09	1.12	1.14			3.15	3.16	3.29
wind	0.0 m/s	velocity	4.83	7.94	8.10	8.25	8.10	8.02	8.10	7.87	7.80	7.59	8.82	7.45		8.10	8.07	7.75

Lobe, Ricarda (GER) (1994)

Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	31-Jul-21	time	2.66	3.73	4.77	5.79	6.82	7.84	8.86	9.90	10.98	12.10		13.43	7 / 8			
reaction time	0.139	interval		1.07	1.04	1.02	1.03	1.02	1.02	1.04	1.08	1.12	1.33			3.13	3.07	3.24
wind	1.0 m/s	velocity	4.89	7.94	8.17	8.33	8.25	8.33	8.33	8.17	7.87	7.59	7.56	7.45		8.15	8.31	7.87

Töth, Anna (HUN) (2003)

FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis) *Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Sep-22	time	2.68	3.76	4.80	5.84	6.88	7.92	8.96	10.00	11.08	12.16		13.43	8 / 7			
reaction time	0.165	interval		1.08	1.04	1.04	1.04	1.04	1.04	1.04	1.08	1.08	1.27			3.16	3.12	3.20
wind	-0.3 m/s	velocity	4.85	7.87	8.17	8.17	8.17	8.17	8.17	8.17	7.87	7.87	7.91	7.45		8.07	8.17	7.97

Chen Yinfeng (CHN) (1998)

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-Jun-24	time	2.62	3.67	4.73	5.78	6.82	7.89	8.96	10.04	11.13	12.24		13.43	5 / 5			
reaction time	0.153	interval		1.05	1.06	1.05	1.04	1.07	1.07	1.08	1.09	1.11	1.19			3.16	3.18	3.28
wind	0.2 m/s	velocity	4.96	8.10	8.02	8.10	8.17	7.94	7.94	7.87	7.80	7.66	8.45	7.45		8.07	8.02	7.77

Lindenmayer, Sabrina (GER) (1989)

FINAL - 2014 Sparkassen Gala (Regensburg, GER) *Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Jun-14	time	2.72	3.80	4.88	5.92	6.98	8.00	9.04	10.09	11.14	12.26		13.44	8 / 3			
reaction time		interval		1.08	1.08	1.04	1.06	1.02	1.04	1.05	1.05	1.12	1.18			3.20	3.12	3.22
wind	0.1 m/s	velocity	4.78	7.87	7.87	8.17	8.02	8.33	8.17	8.10	8.10	7.59	8.90	7.44		7.97	8.17	7.92

Soma, Eriko (JPN) (1991)

FINAL - 2017 Japanese National Championships (Osaka, JPN) *(2017) - tfdata-store.com/2017/07/19/post-1068/*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-17	time	2.69	3.78	4.85	5.91	6.94	7.98	9.03	10.10	11.18	12.28		13.44	6 / 3			
reaction time	0.137	interval		1.09	1.07	1.06	1.03	1.04	1.05	1.07	1.08	1.10	1.16			3.22	3.12	3.25
wind	0.4 m/s	velocity	4.83	7.80	7.94	8.02	8.25	8.17	8.10	7.94	7.87	7.73	9.05	7.44		7.92	8.17	7.85

Aoki, Masumi (JPN) (1994)

FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	29-Apr-18	time	2.67	3.74	4.81	5.86	6.91	7.93	9.00	10.06	11.13	12.22		13.44	7 / 7			
reaction time		interval		1.07	1.07	1.05	1.05	1.02	1.07	1.06	1.07	1.09	1.22			3.19	3.14	3.22
wind	3.6 m/s	velocity	4.87	7.94	7.94	8.10	8.10	8.33	7.94	8.02	7.94	7.80	8.61	7.44		7.99	8.12	7.92

Kiyoyama, Chisato (JPN) (1991)

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Jun-18	time	2.67	3.73	4.80	5.84	6.88	7.91	8.95	9.99	11.08	12.21		13.44	/ 5			
reaction time		interval		1.06	1.07	1.04	1.04	1.03	1.04	1.04	1.09	1.13	1.23			3.17	3.11	3.26
wind	0.6 m/s	velocity	4.87	8.02	7.94	8.17	8.17	8.25	8.17	8.17	7.80	7.52	8.54	7.44		8.04	8.20	7.82

Wu Yanni (CHN) (1997)

FINAL - 2019 Nanjing World Challenge (Nanjing, CHN) *CAA Hurdle Development (2019)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	21-May-19	time	2.73	3.78	4.83	5.88	6.93	7.97	9.02	10.07	11.12			13.44	10 / 8			
reaction time	0.173	interval		1.05	1.05	1.05	1.05	1.04	1.05	1.05	1.05					3.15	3.14	
wind	-1.0 m/s	velocity	4.76	8.10	8.10	8.10	8.10	8.17	8.10	8.10	8.10			7.44		8.10	8.12	

You Na (CHN) (1993)

Heat 3 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Jul-19	time	2.68	3.72	4.77	5.82	6.86	7.90	8.94	9.99	11.10	12.22		13.44	6 / 1			
reaction time	0.165	interval		1.04	1.05	1.05	1.04	1.04	1.04	1.05	1.11	1.12	1.22	PB		3.14	3.12	3.28
wind	1.3 m/s	velocity	4.85	8.17	8.10	8.10	8.17	8.17	8.17	8.10	7.66	7.59	8.61	7.44		8.12	8.17	7.77

Nakajima, Hitomi (JPN) (1995)

FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Jun-21	time	2.71	3.77	4.83	5.87	6.90	7.94	9.02	10.10	11.17	12.26		13.44	8 / 7			
reaction time	0.155	interval		1.06	1.06	1.04	1.03	1.04	1.08	1.08	1.07	1.09	1.18			3.16	3.15	3.24
wind	0.3 m/s	velocity	4.80	8.02	8.02	8.17	8.25	8.17	7.87	7.87	7.94	7.80	8.52	7.44		8.07	8.10	7.87

Wu Yanni (CHN) (1997)

Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.57	3.60	4.65	5.69	6.72	7.76	8.81	9.87	10.94	12.06		13.44	6 / 1				
reaction time	0.135	interval		1.03	1.05	1.04	1.03	1.04	1.05	1.06	1.07	1.12	1.38			3.12	3.12	3.25	
wind	-0.2 m/s	velocity	5.06	8.25	8.10	8.17	8.25	8.17	8.10	8.02	7.94	7.59	7.28	7.44		8.17	8.17	7.85	

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN) — *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.72	3.77	4.83	5.88	6.92	7.96	9.01	10.09	11.18	12.26		13.44	1 / 6				
reaction time	0.169	interval		1.05	1.06	1.05	1.04	1.04	1.05	1.08	1.09	1.08	1.18			3.16	3.13	3.25	
wind	1.0 m/s	velocity	4.78	8.10	8.02	8.10	8.17	8.17	8.10	7.87	7.80	7.87	8.52	7.44		8.07	8.15	7.85	

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Japanese National Championships (Osaka, JPN) — *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	27-Jun-21	time	2.67	3.74	4.80	5.84	6.89	7.91	8.97	10.03	11.11	12.20		13.44	5 / 5				
reaction time	0.132	interval		1.07	1.06	1.04	1.05	1.02	1.06	1.06	1.08	1.09	1.24			3.17	3.13	3.23	
wind	0.0 m/s	velocity	4.87	7.94	8.02	8.17	8.10	8.33	8.02	8.02	7.87	7.80	8.10	7.44		8.04	8.15	7.89	

Vicente, María (ESP) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	04-Aug-21	time	2.71	3.79	4.83	5.86	6.87	7.91	8.98	10.06	11.14	12.26		13.44	2 / 4				
reaction time	0.154	interval		1.08	1.04	1.03	1.01	1.04	1.07	1.08	1.08	1.12	1.18			3.15	3.12	3.28	
wind	0.3 m/s	velocity	4.80	7.87	8.17	8.25	8.42	8.17	7.94	7.87	7.87	7.59	8.52	7.44		8.10	8.17	7.77	

Oosterwegel, Emma (NED) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2022 year end hurdle report*

date	17-Jul-22	time	2.76	3.80	4.84	5.91	6.95	7.98	9.01	10.04	11.11	12.20		13.44	1 / 2				
reaction time	0.172	interval		1.04	1.04	1.07	1.04	1.03	1.03	1.03	1.07	1.09	1.24			3.15	3.10	3.19	
wind	1.4 m/s	velocity	4.71	8.17	8.17	7.94	8.17	8.25	8.25	8.25	7.94	7.80	8.10	7.44		8.10	8.23	7.99	

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Japanese National Championsips (Osaka, JPN) — *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	03-Jun-23	time	2.69	3.75	4.78	5.80	6.84	7.87	8.92	9.98	11.06	12.19		13.44	8 / 8				
reaction time	0.151	interval		1.06	1.03	1.02	1.04	1.03	1.05	1.06	1.08	1.13	1.25			3.11	3.12	3.27	
wind	-1.2 m/s	velocity	4.83	8.02	8.25	8.33	8.17	8.25	8.10	8.02	7.87	7.52	8.04	7.44		8.20	8.17	7.80	

Morrison, Melissa (USA) (1971)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 USA Olympic Trials (Atlanta, GA) — *USATF Women's Sprint Development (1996)*

date	23-Jun-96	time	2.33	3.36	4.36	5.36	6.33	7.31	8.32	9.36	10.57	11.76		13.45	7 / 8				
reaction time		interval		1.03	1.00	1.00	0.97	0.98	1.01	1.04	1.21	1.19	1.69			3.03	2.96	3.44	
wind	0.6 m/s	velocity	5.58	8.25	8.50	8.50	8.76	8.67	8.42	8.17	7.02	7.14	6.21	7.43		8.42	8.61	7.41	

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Japanese National Championships (Nagoya, JPN) — *Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*

date	26-Jun-16	time	2.64	3.72	4.77	5.82	6.87	7.93	9.00	10.07	11.16	12.26		13.45	2 / 6				
reaction time	0.151	interval		1.08	1.05	1.05	1.05	1.06	1.07	1.07	1.09	1.10	1.19			3.18	3.18	3.26	
wind	2.1 m/s	velocity	4.92	7.87	8.10	8.10	8.10	8.02	7.94	7.94	7.80	7.73	8.82	7.43		8.02	8.02	7.82	

Yuidori, Yuida (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - Japanese National Youth Championships (Mizuho, JPN) (76cm) — *(2016.10.22) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.66	3.77	4.83	5.87	6.92	7.96	9.01	10.05	11.14	12.24		13.45	5 / 1				
reaction time		interval		1.11	1.06	1.04	1.05	1.04	1.05	1.04	1.09	1.10	1.21	NYR		3.21	3.14	3.23	
wind	1.2 m/s	velocity	4.89	7.21	7.55	7.69	7.62	7.69	7.62	7.69	7.34	7.27	12.40	7.43		7.48	7.64	7.43	

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Japanese National Championships (Osaka, JPN) — *(2017) - tfdata-store.com/2017/07/19/post-1068/*

date	25-Jun-17	time	2.68	3.74	4.80	5.86	6.91	7.95	9.01	10.08	11.15	12.25		13.45	7 / 4				
reaction time	0.140	interval		1.06	1.06	1.06	1.05	1.04	1.06	1.07	1.07	1.10	1.20			3.18	3.15	3.24	
wind	0.4 m/s	velocity	4.85	8.02	8.02	8.02	8.10	8.17	8.02	7.94	7.94	7.73	8.75	7.43		8.02	8.10	7.87	

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) — *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	20-May-18	time	2.69	3.79	4.84	5.88	6.92	7.97	9.03	10.11	11.18	12.28		13.45	6 / 5				
reaction time	0.155	interval		1.10	1.05	1.04	1.04	1.05	1.06	1.08	1.07	1.10	1.17			3.19	3.15	3.25	
wind	-0.6 m/s	velocity	4.83	7.73	8.10	8.17	8.17	8.10	8.02	7.87	7.94	7.73	8.97	7.43		7.99	8.10	7.85	

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN) — *Henson (2018) - coaching observations*

date	15-Sep-18	time	2.72	3.79	4.82	5.91	6.93	7.98	9.01	10.06	11.13	12.23		13.45	3 / 2				
reaction time		interval		1.07	1.03	1.09	1.02	1.05	1.03	1.05	1.07	1.10	1.22	PB		3.19	3.10	3.22	
wind	0.0 m/s	velocity	4.78	7.94	8.25	7.80	8.33	8.10	8.25	8.10	7.94	7.73	8.61	7.43		7.99	8.23	7.92	

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) — *Kijima (2019) - research on athlete performance and technique- 2019 data book*

date	18-Oct-19	time	2.66	3.73	4.78	5.81	6.85	7.89	8.93	9.99	11.09	12.20		13.45	6 / 1				

reaction time	0.142	interval		1.07	1.05	1.03	1.04	1.04	1.04	1.06	1.10	1.11	1.25			3.15	3.12	3.27
wind	-0.5 m/s	velocity	4.89	7.94	8.10	8.25	8.17	8.17	8.17	8.02	7.73	7.66	8.40	7.43		8.10	8.17	7.80

Bogliolo, Luminosa (ITA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 23-May-21 time	2.62	3.70	4.76	5.80	6.84	7.88	8.94	10.00	11.08	12.18		13.45	3 / 3			
reaction time 0.155 interval		1.08	1.06	1.04	1.04	1.04	1.06	1.06	1.08	1.10	1.27			3.18	3.14	3.24
wind -3.9 m/s velocity	4.96	7.87	8.02	8.17	8.17	8.17	8.02	8.02	7.87	7.73	7.91	7.43		8.02	8.12	7.87

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21 time	2.57	3.63	4.67	5.72	6.77	7.79	8.86	9.93	11.02	12.11		13.45	4 / 2			
reaction time 0.150 interval		1.06	1.04	1.05	1.05	1.02	1.07	1.07	1.09	1.09	1.34			3.15	3.14	3.25
wind -0.2 m/s velocity	5.06	8.02	8.17	8.10	8.10	8.33	7.94	7.94	7.80	7.80	7.50	7.43		8.10	8.12	7.85

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN)													*Takefu (2023) - performance analysis of heptathletes in the 2022 season*			
date 04-Jun-22 time	2.72	3.79	4.83	5.87	6.92	7.96	9.00	10.06	11.13	12.21		13.45	6 / 1			
reaction time interval		1.07	1.04	1.04	1.05	1.04	1.04	1.06	1.07	1.08	1.24			3.15	3.13	3.21
wind 0.4 m/s velocity	4.78	7.94	8.17	8.17	8.10	8.17	8.17	8.02	7.94	7.87	8.10	7.43		8.10	8.15	7.94

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 02-Sep-23 time	2.65	3.73	4.77	5.82	6.87	7.91	8.97	10.04	11.12	12.22		13.45	7 / 3			
reaction time 0.158 interval		1.08	1.04	1.05	1.05	1.04	1.06	1.07	1.08	1.10	1.23			3.17	3.15	3.25
wind 0.1 m/s velocity	4.91	7.87	8.17	8.10	8.10	8.17	8.02	7.94	7.87	7.73	8.17	7.43		8.04	8.10	7.85

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.69	3.76	4.83	5.88	6.91	7.96	9.00	10.06	11.12	12.23		13.45	6 / 2			
reaction time 0.138 interval		1.07	1.07	1.05	1.03	1.05	1.04	1.06	1.06	1.11	1.22			3.19	3.12	3.23
wind -0.6 m/s velocity	4.83	7.94	7.94	8.10	8.25	8.10	8.17	8.02	8.02	7.66	8.24	7.43		7.99	8.17	7.89

Cartwright, Denisha (BAH) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.39	3.46	4.59	5.71	6.79	7.87	8.94	10.01	11.07	12.13		13.45	4 / 7			
reaction time 0.151 interval		1.07	1.13	1.12	1.08	1.08	1.07	1.07	1.06	1.06	1.32			3.32	3.23	3.19
wind -0.2 m/s velocity	5.44	7.94	7.52	7.59	7.87	7.87	7.94	7.94	8.02	8.02	7.61	7.43		7.68	7.89	7.99

Davis, Tanya (USA) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 IAAF World Junor Championships (Athens, GRE)													*Miskos (1986) - IAAF biomechanical research - Athens 1986 - hurdle races*			
date 19-Jul-86 time	2.58	3.67	4.68	5.73	6.78	7.83	8.86	10.00	11.13	12.26		13.46	/ 3			
reaction time interval		1.09	1.01	1.05	1.05	1.05	1.03	1.14	1.13	1.13	1.20			3.15	3.13	3.40
wind -0.7 m/s velocity	5.04	7.80	8.42	8.10	8.10	8.10	8.25	7.46	7.52	7.52	8.75	7.43		8.10	8.15	7.50

Munro, Jacquie (AUS) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)													*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date 21-Sep-02 time	2.65	3.70	4.75	5.77	6.79	7.83	8.88	9.96	11.04	12.16		13.46	8 / 8			
reaction time 0.129 interval		1.05	1.05	1.02	1.02	1.04	1.05	1.08	1.08	1.12	1.30			3.12	3.11	3.28
wind 1.5 m/s velocity	4.91	8.10	8.10	8.33	8.33	8.17	8.10	7.87	7.87	7.59	8.08	7.43		8.17	8.20	7.77

Terada, Asuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Miko Oda Memorial (Hiroshima, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	2.50	3.60	4.68	5.73	6.78	7.84	8.90	9.96	11.05	12.14		13.46	/ 2			
reaction time interval		1.10	1.08	1.05	1.05	1.06	1.06	1.06	1.09	1.09	1.32			3.23	3.17	3.24
wind -0.1 m/s velocity	5.20	7.73	7.87	8.10	8.10	8.02	8.02	8.02	7.80	7.80	7.95	7.43		7.89	8.04	7.87

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National Championships (Niigata, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 27-Jun-15 time	2.65	3.73	4.80	5.86	6.92	7.98	9.03	10.10	11.18	12.29		13.46	8 / 4			
reaction time 0.133 interval		1.08	1.07	1.06	1.06	1.06	1.05	1.07	1.08	1.11	1.17			3.21	3.17	3.26
wind -0.2 m/s velocity	4.91	7.87	7.94	8.02	8.02	8.02	8.10	7.94	7.87	7.66	8.97	7.43		7.94	8.04	7.82

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2016 IAAF World Junior Championships (Bydgoszcz, POL)													*(2016.07.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 23-Jul-16 time	2.63	3.69	4.75	5.80	6.82	7.90	8.95	10.03	11.14	12.25		13.46	9 / 4			
reaction time 0.138 interval		1.06	1.06	1.05	1.02	1.08	1.05	1.08	1.11	1.11	1.21	PB		3.17	3.15	3.30
wind 0.6 m/s velocity	4.94	8.02	8.02	8.10	8.33	7.87	8.10	7.87	7.66	7.66	8.68	7.43		8.04	8.10	7.73

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 National Sports Festival (Kitakami, JPN)													*(2016.11.14) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 10-Oct-16 time	2.65	3.72	4.78	5.83	6.87	7.91	8.95	10.04	11.11	12.23		13.46	4 / 2			
reaction time 0.153 interval		1.07	1.06	1.05	1.04	1.04	1.04	1.09	1.07	1.12	1.23			3.18	3.12	3.28

wind	2.8 m/s	velocity	4.91	7.94	8.02	8.10	8.17	8.17	8.17	7.80	7.94	7.59	8.54	7.43			8.02	8.17	7.77

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Division 1 FINAL - 2017 Kanto Collegiate Championships (Yokohama, JPN)													*(2017) - tfdata-store.com/2017/06/08/post-920/*			
date 26-May-17 time	2.70	3.78	4.83	5.87	6.91	7.94	9.00	10.07	11.15	12.25		13.46	7 / 1			
reaction time 0.151 interval		1.08	1.05	1.04	1.04	1.03	1.06	1.07	1.08	1.10	1.21	PB		3.17	3.13	3.25
wind 1.9 m/s velocity	4.81	7.87	8.10	8.17	8.17	8.25	8.02	7.94	7.87	7.73	8.68	7.43		8.04	8.15	7.85

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.72	3.79	4.88	5.94	6.98	8.02	9.08	10.12	11.16	12.26		13.46	5 / 2			
reaction time 0.235 interval		1.07	1.09	1.06	1.04	1.04	1.06	1.04	1.04	1.10	1.20			3.22	3.14	3.18
wind 1.3 m/s velocity	4.78	7.94	7.80	8.02	8.17	8.17	8.02	8.17	8.17	7.73	8.75	7.43		7.92	8.12	8.02

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.70	3.75	4.80	5.84	6.89	7.94	9.01	10.09	11.18	12.28		13.46	6 / 4			
reaction time 0.174 interval		1.05	1.05	1.04	1.05	1.05	1.07	1.08	1.09	1.10	1.18	PB		3.14	3.17	3.27
wind 0.2 m/s velocity	4.81	8.10	8.10	8.17	8.10	8.10	7.94	7.87	7.80	7.73	8.90	7.43		8.12	8.04	7.80

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.65	3.71	4.78	5.83	6.88	7.92	8.97	10.04	11.11	12.23		13.46	8 / 5			
reaction time 0.161 interval		1.06	1.07	1.05	1.05	1.04	1.05	1.07	1.07	1.12	1.23			3.18	3.14	3.26
wind 0.2 m/s velocity	4.91	8.02	7.94	8.10	8.10	8.17	8.10	7.94	7.94	7.59	8.54	7.43		8.02	8.12	7.82

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19 time	2.64	3.70	4.77	5.83	6.87	7.92	8.97	10.04	11.13	12.25		13.46	6 / 1			
reaction time 0.183 interval		1.06	1.07	1.06	1.04	1.05	1.05	1.07	1.09	1.12	1.21	PB		3.19	3.14	3.28
wind 0.2 m/s velocity	4.92	8.02	7.94	8.02	8.17	8.10	8.10	7.94	7.80	7.59	8.68	7.43		7.99	8.12	7.77

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 24-Aug-19 time	2.67	3.71	4.81	5.85	6.91	7.96	9.01	10.09	11.16	12.26		13.46	5 / 1			
reaction time 0.215 interval		1.04	1.10	1.04	1.06	1.05	1.05	1.08	1.07	1.10	1.20			3.18	3.16	3.25
wind -0.1 m/s velocity	4.87	8.17	7.73	8.17	8.02	8.10	8.10	7.87	7.94	7.73	8.75	7.43		8.02	8.07	7.85

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.71	3.81	4.87	5.93	6.99	8.04	9.11	10.21	11.33	12.47		13.46	2 / 5			
reaction time 0.124 interval		1.10	1.06	1.06	1.06	1.05	1.07	1.10	1.12	1.14	0.99			3.22	3.18	3.36
wind 0.0 m/s velocity	4.80	7.73	8.02	8.02	8.02	8.10	7.94	7.73	7.59	7.46	10.15	7.43		7.92	8.02	7.59

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21 time	2.69	3.77	4.80	5.84	6.91	7.95	8.99	10.07	11.14	12.23		13.46	7 / 4			
reaction time 0.203 interval		1.08	1.03	1.04	1.07	1.04	1.04	1.08	1.07	1.09	1.23			3.15	3.15	3.24
wind -0.8 m/s velocity	4.83	7.87	8.25	8.17	7.94	8.17	8.17	7.87	7.94	7.80	8.17	7.43		8.10	8.10	7.87

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.63	3.70	4.74	5.77	6.81	7.87	8.92	10.02	11.13	12.24		13.46	5 / 1			
reaction time 0.171 interval		1.07	1.04	1.03	1.04	1.06	1.05	1.10	1.11	1.11	1.22			3.14	3.15	3.32
wind -1.6 m/s velocity	4.94	7.94	8.17	8.25	8.17	8.02	8.10	7.73	7.66	7.66	8.24	7.43		8.12	8.10	7.68

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese Student Games (Qingdao, CHN)													*CAA Hurdle Development (2021)*			
date 14-Jul-21 time	2.60	3.63	4.73	5.77	6.81	7.87	8.94	10.03	11.10	12.23		13.46	3 / 4			
reaction time interval		1.03	1.10	1.04	1.04	1.06	1.07	1.09	1.07	1.13	1.23			3.17	3.17	3.29
wind -0.7 m/s velocity	5.00	8.25	7.73	8.17	8.17	8.02	7.94	7.80	7.94	7.52	8.17	7.43		8.04	8.04	7.75

Krizsán, Xénia (HUN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22 time	2.63	3.73	4.80	5.82	6.87	7.93	8.98	10.06	11.13	12.23		13.46	3 / 7			
reaction time 0.138 interval		1.10	1.07	1.02	1.05	1.06	1.05	1.08	1.07	1.10	1.23			3.19	3.16	3.25
wind 0.7 m/s velocity	4.94	7.73	7.94	8.33	8.10	8.02	8.10	7.87	7.94	7.73	8.17	7.43		7.99	8.07	7.85

Newton-Smith, Camryn (AUS) (2000

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.48	3.56	4.60	5.65	6.70	7.75	8.83	9.91	11.00	12.11		13.46	2 / 3			
reaction time 0.145 interval		1.08	1.04	1.05	1.05	1.05	1.08	1.08	1.09	1.11	1.35			3.17	3.18	3.28
wind 0.0 m/s velocity	5.24	7.87	8.17	8.10	8.10	8.10	7.87	7.87	7.80	7.66	7.44	7.43		8.04	8.02	7.77

Lee Yeon-Kyoung (KOR) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8			Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2004 Busan International Athletics Meeting (Busan, KOR) *Lee (2007) - the kinematic analysis of horizontal velocity and records from start to finish on elite women 100m hurdler*																
date 24-Sep-04	time	2.74	3.83	4.90	5.94	7.01	8.05	9.10	10.17	11.24	12.32		13.47	/ 1			
reaction time	interval		1.09	1.07	1.04	1.07	1.04	1.05	1.07	1.07	1.08	1.15	NR		3.20	3.16	3.22
wind 0.7 m/s	velocity	4.74	7.80	7.94	8.17	7.94	8.17	8.10	7.94	7.94	7.87	9.13	7.42		7.97	8.07	7.92

Gubina, Yekaterina (RUS) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Windsprint (Sundsvall, SWE) *Blomkvist (2012) - www.sub13.se*																
date 17-Jun-12	time	2.81	3.87	4.92	5.96	6.99	8.04	9.09	10.14	11.22	12.30		13.47	/ 2			
reaction time	interval		1.06	1.05	1.04	1.03	1.05	1.05	1.05	1.08	1.08	1.17			3.15	3.13	3.21
wind 0.8 m/s	velocity	4.63	8.02	8.10	8.17	8.25	8.10	8.10	8.10	7.87	7.87	8.97	7.42		8.10	8.15	7.94

Ferguen, Amina (ALG) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Sparkassen Gala (Regensburg, GER) *Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*																
date 07-Jun-14	time	2.68	3.74	4.80	5.82	6.86	7.90	8.96	10.02	11.10	12.20		13.47	6 / 4			
reaction time	interval		1.06	1.06	1.02	1.04	1.04	1.06	1.06	1.08	1.10	1.27			3.14	3.14	3.24
wind 0.1 m/s	velocity	4.85	8.02	8.02	8.33	8.17	8.17	8.02	8.02	7.87	7.73	8.27	7.42		8.12	8.12	7.87

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mito Invitational (Mito, JPN) *(2017) - tfdata-store.com/2017/05/06/post-423/*																
date 05-May-17	time	2.67	3.76	4.83	5.88	6.94	7.99	9.07	10.13	11.21	12.30		13.47	6 / 1			
reaction time	interval		1.09	1.07	1.05	1.06	1.05	1.08	1.06	1.08	1.09	1.17			3.21	3.19	3.23
wind 1.0 m/s	velocity	4.87	7.80	7.94	8.10	8.02	8.10	7.87	8.02	7.87	7.80	8.97	7.42		7.94	7.99	7.89

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Open FINAL - 2017 Michitaka Memorial (Osaka, JPN) *(2017) - tfdata-store.com/2017/05/08/post-413/*																
date 07-May-17	time	2.74	3.83	4.89	5.94	6.97	8.00	9.05	10.11	11.18	12.28		13.47	9 / 4			
reaction time	interval		1.09	1.06	1.05	1.03	1.03	1.05	1.06	1.07	1.10	1.19			3.20	3.11	3.23
wind -0.2 m/s	velocity	4.74	7.80	8.02	8.10	8.25	8.25	8.10	8.02	7.94	7.73	8.82	7.42		7.97	8.20	7.89

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*																
date 06-May-18	time	2.70	3.77	4.82	5.87	6.93	7.98	9.03	10.11	11.18	12.28		13.47	5 / 4			
reaction time	interval		1.07	1.05	1.05	1.06	1.05	1.05	1.08	1.07	1.10	1.19			3.17	3.16	3.25
wind -0.5 m/s	velocity	4.81	7.94	8.10	8.10	8.02	8.10	8.10	7.87	7.94	7.73	8.82	7.42		8.04	8.07	7.85

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN) *CAA Hurdle Development (2019)*																
date 09-Apr-19	time	2.71	3.78	4.84	5.90	6.94	8.02	9.06	10.12	11.18	12.28		13.47	7 / 2			
reaction time 0.174	interval		1.07	1.06	1.06	1.04	1.08	1.04	1.06	1.06	1.10	1.19			3.19	3.16	3.22
wind 0.1 m/s	velocity	4.80	7.94	8.02	8.02	8.17	7.87	8.17	8.02	8.02	7.73	8.82	7.42		7.99	8.07	7.92

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2019) - research on athlete performance and technique- 2019 data book*																
date 28-Apr-19	time	2.66	3.75	4.80	5.84	6.89	7.94	8.99	10.06	11.14	12.25		13.47	7 / 4			
reaction time	interval		1.09	1.05	1.04	1.05	1.05	1.05	1.07	1.08	1.11	1.22			3.18	3.15	3.26
wind 0.6 m/s	velocity	4.89	7.80	8.10	8.17	8.10	8.10	8.10	7.94	7.87	7.66	8.61	7.42		8.02	8.10	7.82

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN) *CAA Hurdle Development (2020)*																
date 15-Sep-20	time	2.67	3.75	4.82	5.88	6.95	8.02	9.06	10.14	11.21	12.31		13.47	6 / 2			
reaction time 0.136	interval		1.08	1.07	1.06	1.07	1.07	1.04	1.08	1.07	1.10	1.16			3.21	3.18	3.25
wind -0.6 m/s	velocity	4.87	7.87	7.94	8.02	7.94	7.94	8.17	7.87	7.94	7.73	8.66	7.42		7.94	8.02	7.85

Ellenwood, Georgia (CAN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*																
date 04-Aug-21	time	2.72	3.80	4.86	5.94	7.03	8.05	9.07	10.15	11.20	12.26		13.47	5 / 5			
reaction time 0.158	interval		1.08	1.06	1.08	1.09	1.02	1.02	1.08	1.05	1.06	1.21			3.22	3.13	3.19
wind 0.3 m/s	velocity	4.78	7.87	8.02	7.87	7.80	8.33	8.33	7.87	8.10	8.02	8.31	7.42		7.92	8.15	7.99

Zamzow-Mahler, Ashtin (USA) (1996

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2022 year end hurdle report*																
date 17-Jul-22	time	2.60	3.64	4.67	5.69	6.72	7.75	8.78	9.91	11.03	12.20		13.47	8 / 3			
reaction time 0.141	interval		1.04	1.03	1.02	1.03	1.03	1.03	1.13	1.12	1.17	1.27			3.09	3.09	3.42
wind 1.4 m/s	velocity	5.00	8.17	8.25	8.33	8.25	8.25	8.25	7.52	7.59	7.26	7.91	7.42		8.25	8.25	7.46

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*																
date 29-Apr-24	time	2.71	3.77	4.84	5.88	6.90	7.92	8.99	10.05	11.14	12.25		13.47	8 / 8			
reaction time 0.160	interval		1.06	1.07	1.04	1.02	1.02	1.07	1.06	1.09	1.11	1.22			3.17	3.11	3.26
wind -0.1 m/s	velocity	4.80	8.02	7.94	8.17	8.33	8.33	7.94	8.02	7.80	7.66	8.24	7.42		8.04	8.20	7.82

Kariya, Ayu (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)																
Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season																
date 30-Jun-24	time	2.64	3.70	4.74	5.79	6.83	7.87	8.94	10.00	11.09	12.21		13.47	4 / 3			
reaction time 0.123	interval		1.06	1.04	1.05	1.04	1.04	1.07	1.06	1.09	1.12	1.26	PB		3.15	3.15	3.27
wind -0.2 m/s	velocity	4.92	8.02	8.17	8.10	8.17	8.17	7.94	8.02	7.80	7.59	7.98	7.42		8.10	8.10	7.80

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 FBK Games (Hengelo, NED)																
Omega Timing (2024) - continental tour gold race analysis																
date 07-Jul-24	time	2.49	3.58	4.59	5.60	6.63	7.71	8.84	9.95	11.04	12.14		13.47	8 / 9			
reaction time 0.158	interval		1.09	1.01	1.01	1.03	1.08	1.13	1.11	1.09	1.10	1.33			3.11	3.24	3.30
wind 0.3 m/s	velocity	5.22	7.80	8.42	8.42	8.25	7.87	7.52	7.66	7.80	7.73	7.56	7.42		8.20	7.87	7.73

Imura, Kumiko (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN)																
Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles																
date 30-Sep-07	time	2.57	3.65	4.71	5.75	6.77	7.81	8.85	9.93	11.00	12.11		13.48	/ 2			
reaction time	interval		1.08	1.06	1.04	1.02	1.04	1.04	1.08	1.07	1.11	1.37			3.18	3.10	3.26
wind -0.8 m/s	velocity	5.06	7.87	8.02	8.17	8.33	8.17	8.17	7.87	7.94	7.66	7.66	7.42		8.02	8.23	7.82

Bliss, Andrea (JAM) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2006 Mikio Oda Memorial (Hiroshima, JPN)																
Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system																
date 29-Apr-06	time	2.55	3.66	4.73	5.81	6.86	7.91	8.95	10.01	11.08	12.17		13.48	/ 1			
reaction time	interval		1.11	1.07	1.08	1.05	1.05	1.04	1.06	1.07	1.09	1.31			3.26	3.14	3.22
wind 0.2 m/s	velocity	5.10	7.66	7.94	7.87	8.10	8.10	8.17	8.02	7.94	7.80	8.02	7.42		7.82	8.12	7.92

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Chinese National Championships (Taiyuan, CHN)																
Henson (2018) - coaching observations																
date 16-Sep-18	time	2.72	3.80	4.85	5.90	6.96	8.01	9.06	10.14	11.23	12.32		13.48	7 / 3			
reaction time	interval		1.08	1.05	1.05	1.06	1.05	1.05	1.08	1.09	1.09	1.16			3.18	3.16	3.26
wind -0.2 m/s	velocity	4.78	7.87	8.10	8.10	8.02	8.10	8.10	7.87	7.80	7.80	9.05	7.42		8.02	8.07	7.82

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)																
CAA Hurdle Development (2019)																
date 13-Apr-19	time	2.71	3.80	4.84	5.88	6.94	8.00	9.06	10.13	11.20	12.30		13.48	3 / 4			
reaction time 0.217	interval		1.09	1.04	1.04	1.06	1.06	1.06	1.07	1.07	1.10	1.18			3.17	3.18	3.24
wind 0.3 m/s	velocity	4.80	7.80	8.17	8.17	8.02	8.02	8.02	7.94	7.94	7.73	8.90	7.42		8.04	8.02	7.87

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)																
CAA Hurdle Development (2019)																
date 30-May-19	time	2.75	3.82	4.87	5.91	6.97	8.02	9.08	10.14	11.21	12.32		13.48	3 / 1			
reaction time 0.207	interval		1.07	1.05	1.04	1.06	1.05	1.06	1.06	1.07	1.11	1.16			3.16	3.17	3.24
wind -0.1 m/s	velocity	4.73	7.94	8.10	8.17	8.02	8.10	8.02	8.02	7.94	7.66	9.05	7.42		8.07	8.04	7.87

Lukic, Anja (SRB) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)																
Henson (2020) - Athlete First: 2020 year end hurdle report																
date 25-Sep-20	time	2.60	3.66	4.73	5.80	6.83	7.86	8.96	10.03	11.13	12.20		13.48	1 / 7			
reaction time 0.163	interval		1.06	1.07	1.07	1.03	1.03	1.10	1.07	1.10	1.07	1.28			3.20	3.16	3.24
wind 1.1 m/s	velocity	5.00	8.02	7.94	7.94	8.25	8.25	7.73	7.94	7.73	7.94	7.85	7.42		7.97	8.07	7.87

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)																
Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers																
date 24-Oct-20	time	2.72	3.80	4.86	5.91	6.97	8.04	9.10	10.20	11.32	12.44		13.48	7 / 3			
reaction time	interval		1.08	1.06	1.05	1.06	1.07	1.06	1.10	1.12	1.12	1.04			3.19	3.19	3.34
wind -1.4 m/s	velocity	4.78	7.87	8.02	8.10	8.02	7.94	8.02	7.73	7.59	7.59	9.66	7.42		7.99	7.99	7.63

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN)																
Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season																
date 08-May-22	time	2.72	3.80	4.85	5.90	6.93	7.98	9.04	10.11	11.19	12.29		13.48	1 / 8			
reaction time 0.168	interval		1.08	1.05	1.05	1.03	1.05	1.06	1.07	1.08	1.10	1.19			3.18	3.14	3.25
wind -0.1 m/s	velocity	4.78	7.87	8.10	8.10	8.25	8.10	8.02	7.94	7.87	7.73	8.45	7.42		8.02	8.12	7.85

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Chinese National Grand Prix (Huangshi, CHN)																
Gong (2023) - research on the technical characteristics of outstanding women's 100m hurdlers in china																
date 13-Jul-22	time	2.65			5.76			8.86			12.11		13.48	/ 2			
reaction time	interval				3.11			3.10			3.25	1.37			3.11	3.10	3.25
wind -1.1 m/s	velocity	4.91			8.20			8.23			7.85	7.34	7.42		8.20	8.23	7.85

Krizsán, Xénia (HUN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)																
Henson (2024) - Athlete First: 2023 year end hurdle report																
date 19-Aug-23	time	2.64	3.72	4.75	5.82	6.85	7.89	8.95	10.04	11.14	12.25		13.48	8 / 2			
reaction time 0.159	interval		1.08	1.03	1.07	1.03	1.04	1.06	1.09	1.10	1.11	1.23			3.18	3.13	3.30
wind -1.1 m/s	velocity	4.92	7.87	8.25	7.94	8.25	8.17	8.02	7.80	7.73	7.66	8.17	7.42		8.02	8.15	7.73

Sotáková, Jana (CZE) (1992)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.74	3.84	4.91	5.95	6.98	8.02	9.05	10.11	11.20	12.29		13.49	5 / 2			
reaction time	0.165	interval		1.10	1.07	1.04	1.03	1.04	1.03	1.06	1.09	1.09	1.20	PB		3.21	3.10	3.24
wind	0.3 m/s	velocity	4.74	7.73	7.94	8.17	8.25	8.17	8.25	8.02	7.80	7.80	8.75	7.41		7.94	8.23	7.87

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)																
Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers																
date	26-Jun-16	time	2.66	3.75	4.83	5.91	6.97	8.02	9.08	10.14	11.22	12.31		13.49	8 / 7			
reaction time	0.141	interval		1.09	1.08	1.08	1.06	1.05	1.06	1.06	1.08	1.09	1.18			3.25	3.17	3.23
wind	2.1 m/s	velocity	4.89	7.80	7.87	7.87	8.02	8.10	8.02	8.02	7.87	7.80	8.90	7.41		7.85	8.04	7.89

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2017 Fuse Sprint (Tottori, JPN)																
(2017) - tfdata-store.com/2017/06/04/post-848/																
date	04-Jun-17	time	2.67	3.75	4.82	5.87	6.93	7.98	9.05	10.13	11.21	12.31		13.49	4 / 3			
reaction time		interval		1.08	1.07	1.05	1.06	1.05	1.07	1.08	1.08	1.10	1.18			3.20	3.18	3.26
wind	1.3 m/s	velocity	4.87	7.87	7.94	8.10	8.02	8.10	7.94	7.87	7.87	7.73	8.90	7.41		7.97	8.02	7.82

Nomura, Yuka (JPN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National Championships (Osaka, JPN)																
(2017) - tfdata-store.com/2017/07/19/post-1068/																
date	25-Jun-17	time	2.61	3.68	4.73	5.79	6.83	7.88	8.95	10.04	11.15	12.27		13.49	8 / 5			
reaction time	0.146	interval		1.07	1.05	1.06	1.04	1.05	1.07	1.09	1.11	1.12	1.22			3.18	3.16	3.32
wind	0.4 m/s	velocity	4.98	7.94	8.10	8.02	8.17	8.10	7.94	7.80	7.66	7.59	8.61	7.41		8.02	8.07	7.68

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)																
Kobayashi (2019) - research on athlete performance and technique- 2019 data book																
date	28-Apr-19	time	2.69	3.78	4.84	5.89	6.94	7.97	9.05	10.12	11.22	12.34		13.49	8 / 5			
reaction time		interval		1.09	1.06	1.05	1.05	1.03	1.08	1.07	1.10	1.12	1.15	PB		3.20	3.16	3.29
wind	0.6 m/s	velocity	4.83	7.80	8.02	8.10	8.10	8.25	7.87	7.94	7.73	7.59	9.13	7.41		7.97	8.07	7.75

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)																
Kobayashi (2019) - research on athlete performance and technique- 2019 data book																
date	28-Apr-19	time	2.72	3.84	4.89	5.94	6.99	8.03	9.08	10.14	11.22	12.32		13.49	6 / 6			
reaction time		interval		1.12	1.05	1.05	1.05	1.04	1.05	1.06	1.08	1.10	1.17			3.22	3.14	3.24
wind	0.6 m/s	velocity	4.78	7.59	8.10	8.10	8.10	8.17	8.10	8.02	7.87	7.73	8.97	7.41		7.92	8.12	7.87

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN)																
CAA Hurdle Development (2019)																
date	02-Aug-19	time	2.74	3.80	4.86	5.89	6.92	7.96	9.00	10.09	11.17	12.26		13.49	5 / 3			
reaction time	0.169	interval		1.06	1.06	1.03	1.03	1.04	1.04	1.09	1.08	1.09	1.23			3.15	3.11	3.26
wind	0.0 m/s	velocity	4.74	8.02	8.02	8.25	8.25	8.17	8.17	7.80	7.87	7.80	8.54	7.41		8.10	8.20	7.82

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)																
CAA Hurdle Development (2019)																
date	24-Aug-19	time	2.70	3.75	4.82	5.85	6.91	7.96	9.01	10.08	11.17	12.29		13.49	3 / 2			
reaction time	0.202	interval		1.05	1.07	1.03	1.06	1.05	1.05	1.07	1.09	1.12	1.20			3.15	3.16	3.28
wind	-0.1 m/s	velocity	4.81	8.10	7.94	8.25	8.02	8.10	8.10	7.94	7.80	7.59	8.75	7.41		8.10	8.07	7.77

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)																
CAA Hurdle Development (2019)																
date	24-Aug-19	time	2.72	3.77	4.82	5.84	6.89	7.95	9.01	10.11	11.21	12.28		13.49	4 / 3			
reaction time	0.230	interval		1.05	1.05	1.02	1.05	1.06	1.06	1.10	1.10	1.07	1.21			3.12	3.17	3.27
wind	-0.1 m/s	velocity	4.78	8.10	8.10	8.33	8.10	8.02	8.02	7.73	7.73	7.94	8.68	7.41		8.17	8.04	7.80

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)																
Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers																
date	03-Oct-20	time	2.69	3.78	4.83	5.89	6.92	7.96	9.04	10.11	11.17	12.28		13.49	9 / 5			
reaction time	0.153	interval		1.09	1.05	1.06	1.03	1.04	1.08	1.07	1.06	1.11	1.21			3.20	3.15	3.24
wind	-0.1 m/s	velocity	4.83	7.80	8.10	8.02	8.25	8.17	7.87	7.94	8.02	7.66	8.31	7.41		7.97	8.10	7.87

Tanaka, Kiyono (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Michitaka Kinami Memorial (Osaka, JPN)																
Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season																
date	01-Jun-21	time	2.64	3.72	4.76	5.82	6.86	7.93	8.99	10.08	11.17	12.27		13.49	2 / 8			
reaction time	0.171	interval		1.08	1.04	1.06	1.04	1.07	1.06	1.09	1.09	1.10	1.22	PB		3.18	3.17	3.28
wind	0.3 m/s	velocity	4.92	7.87	8.17	8.02	8.17	7.94	8.02	7.80	7.80	7.73	8.24	7.41		8.02	8.04	7.77

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN)																
CAA Hurdle Development (2021)																
date	24-Apr-21	time	2.67	3.77	4.84	5.87	6.91	7.94	8.99	10.07	11.14	12.24		13.49	4 / 1			
reaction time	0.170	interval		1.10	1.07	1.03	1.04	1.03	1.05	1.08	1.07	1.10	1.25			3.20	3.12	3.25
wind	0.6 m/s	velocity	4.87	7.73	7.94	8.25	8.17	8.25	8.10	7.87	7.94	7.73	8.04	7.41		7.97	8.17	7.85

Kunz, Annie (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)																
Henson (2024) - Athlete First: 2021 year end hurdle report																

date	04-Aug-21	time	2.58	3.60	4.62	5.66	6.88	7.97	9.06	10.15	11.22	12.30		13.49	9 / 7				
reaction time	0.137	interval	7 steps	1.02	1.02	1.04	1.22	1.09	1.09	1.09	1.07	1.08	1.19			3.08	3.40	3.24	
wind	-0.8 m/s	velocity	5.04	8.33	8.33	8.17	6.97	7.80	7.80	7.80	7.94	7.87	8.45	7.41		8.28	7.50	7.87	

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	29-Apr-22	time	2.67	3.73	4.82	5.88	6.96	8.04	9.11	10.20	11.27	12.34		13.49	6 / 4				
reaction time	0.147	interval		1.06	1.09	1.06	1.08	1.08	1.07	1.09	1.07	1.07	1.15			3.21	3.23	3.23	
wind	-2.8 m/s	velocity	4.87	8.02	7.80	8.02	7.87	7.87	7.94	7.80	7.94	7.94	8.74	7.41		7.94	7.89	7.89	

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	01-May-22	time	2.68	3.75	4.80	5.84	6.87	7.90	8.98	10.05	11.13	12.25		13.49	7 / 4				
reaction time	0.172	interval		1.07	1.05	1.04	1.03	1.03	1.08	1.07	1.08	1.12	1.24			3.16	3.14	3.27	
wind	-0.6 m/s	velocity	4.85	7.94	8.10	8.17	8.25	8.25	7.87	7.94	7.87	7.59	8.10	7.41		8.07	8.12	7.80	

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Michitaka Kinami Memorial (Osaka, JPN) *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

date	07-May-23	time	2.64	3.71	4.79	5.85	6.89	7.94	9.01	10.08	11.17	12.27		13.49	9 / 8				
reaction time	0.129	interval		1.07	1.08	1.06	1.04	1.05	1.07	1.07	1.09	1.10	1.22			3.21	3.16	3.26	
wind	0.7 m/s	velocity	4.92	7.94	7.87	8.02	8.17	8.10	7.94	7.94	7.80	7.73	8.24	7.41		7.94	8.07	7.82	

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Seiko Golden Grand Prix (Tokyo, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	19-May-24	time	2.76	3.81	4.83	5.87	6.88	7.96	9.03	10.08	11.15	12.24		13.49	8 / 7				
reaction time	0.283	interval		1.05	1.02	1.04	1.01	1.08	1.07	1.05	1.07	1.09	1.25			3.11	3.16	3.21	
wind	-0.6 m/s	velocity	4.71	8.10	8.33	8.17	8.42	7.87	7.94	8.10	7.94	7.80	8.04	7.41		8.20	8.07	7.94	

Škvarková, Stanislava (SVK) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 FBK Games (Hengelo, NED) *Omega Timing (2024) - continental tour gold race analysis*

date	07-Jul-24	time	2.49	3.63	4.68	5.70	6.76	7.82	8.91	9.98	11.06	12.16		13.49	9 / 7				
reaction time	0.150	interval		1.14	1.05	1.02	1.06	1.06	1.09	1.07	1.08	1.10	1.33			3.21	3.21	3.25	
wind	0.3 m/s	velocity	5.22	7.46	8.10	8.33	8.02	8.02	7.80	7.94	7.87	7.73	7.56	7.41		7.94	7.94	7.85	

Vetter, Anouk (NED) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.55	3.64	4.69	5.74	6.78	7.82	8.88	9.95	11.03	12.15		13.49	8 / 4				
reaction time	0.167	interval		1.09	1.05	1.05	1.04	1.04	1.06	1.07	1.08	1.12	1.34			3.19	3.14	3.27	
wind	0.0 m/s	velocity	5.10	7.80	8.10	8.10	8.17	8.17	8.02	7.94	7.87	7.59	7.50	7.41		7.99	8.12	7.80	

Imura, Kumiko (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 Osaka Grand Prix (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	05-May-07	time	2.50	3.57	4.62	5.68	6.73	7.79	8.87	9.95	11.04	12.15		13.50	/ 6				
reaction time		interval		1.07	1.05	1.06	1.05	1.06	1.08	1.08	1.09	1.11	1.35			3.18	3.19	3.28	
wind	0.0 m/s	velocity	5.20	7.94	8.10	8.02	8.10	8.02	7.87	7.87	7.80	7.66	7.78	7.41		8.02	7.99	7.77	

Kumagai, Fumiko (JPN) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	25-Jun-09	time	2.50	3.60	4.67	5.72	6.77	7.82	8.89	9.96	11.05	12.15		13.50	6 / 2				
reaction time		interval		1.10	1.07	1.05	1.05	1.05	1.07	1.07	1.09	1.10	1.35	PB		3.22	3.17	3.26	
wind	1.0 m/s	velocity	5.20	7.73	7.94	8.10	8.10	8.10	7.94	7.94	7.80	7.73	7.78	7.41		7.92	8.04	7.82	

Chudzik, Kamila (POL) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.74	3.84	4.91	5.98	7.02	8.06	9.13	10.19	11.26	12.33		13.50	7 / 3				
reaction time	0.178	interval		1.10	1.07	1.07	1.04	1.04	1.07	1.06	1.07	1.07	1.17			3.24	3.15	3.20	
wind	-0.4 m/s	velocity	4.74	7.73	7.94	7.94	8.17	8.17	7.94	8.02	7.94	7.94	8.97	7.41		7.87	8.10	7.97	

Pickler, Diana (USA) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.72	3.78	4.84	5.90	6.94	8.00	9.04	10.11	11.20	12.30		13.50	4 / 4				
reaction time	0.169	interval		1.06	1.06	1.06	1.04	1.06	1.04	1.07	1.09	1.10	1.20			3.18	3.14	3.26	
wind	-0.4 m/s	velocity	4.78	8.02	8.02	8.02	8.17	8.02	8.17	7.94	7.80	7.73	8.75	7.41		8.02	8.12	7.82	

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Japanese National High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*

date	02-Aug-16	time	2.64	3.71	4.78	5.84	6.89	7.94	9.00	10.09	11.18	12.26		13.50	7 / 1				
reaction time	0.156	interval		1.07	1.07	1.06	1.05	1.05	1.06	1.09	1.09	1.08	1.24			3.20	3.16	3.26	
wind	1.5 m/s	velocity	4.92	7.94	7.94	8.02	8.10	8.10	8.02	7.80	7.80	7.87	8.47	7.41		7.97	8.07	7.82	

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Japanese University Championships (Kumagaya, JPN) *(2016.09.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	04-Sep-16	time	2.68	3.75	4.82	5.88	6.92	7.98	9.06	10.13	11.21	12.31		13.50	6 / 1				

reaction time	0.185	interval		1.07	1.07	1.06	1.04	1.06	1.08	1.07	1.08	1.10	1.19	PB		3.20	3.18	3.25
wind	-0.2 m/s	velocity	4.85	7.94	7.94	8.02	8.17	8.02	7.87	7.94	7.87	7.73	8.82	7.41		7.97	8.02	7.85

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Corporate Championships (Osaka, JPN)													*(2016.09.28) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 25-Sep-16 time	2.69	3.77	4.83	5.88	6.92	7.97	9.03	10.11	11.20	12.30		13.50	5 / 3			
reaction time 0.118 interval		1.08	1.06	1.05	1.04	1.05	1.06	1.08	1.09	1.10	1.20			3.19	3.15	3.27
wind 1.0 m/s velocity	4.83	7.87	8.02	8.10	8.17	8.10	8.02	7.87	7.80	7.73	8.75	7.41		7.99	8.10	7.80

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF Continental Cup (Ostrava, CZE) (TV Analysis)													*Henson (2021) - Athlete First: 2018 year end hurdle report*			
date 08-Sep-18 time	2.56	3.60	4.64	5.66	6.70	7.76	8.82	9.90	11.02	12.12		13.50	1 / 8			
reaction time 0.158 interval		1.04	1.04	1.02	1.04	1.06	1.06	1.08	1.12	1.10	1.38			3.10	3.16	3.30
wind -0.1 m/s velocity	5.08	8.17	8.17	8.33	8.17	8.02	8.02	7.87	7.59	7.73	7.61	7.41		8.23	8.07	7.73

Jung Hye-Lim (KOR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 24-Apr-19 time	2.62	3.69	4.73	5.77	6.82	7.89	8.96	10.04	11.14	12.24		13.50	2 / 7			
reaction time 0.136 interval		1.07	1.04	1.04	1.05	1.07	1.07	1.08	1.10	1.10	1.26			3.15	3.19	3.28
wind 1.3 m/s velocity	4.96	7.94	8.17	8.17	8.10	7.94	7.94	7.87	7.73	7.73	8.33	7.41		8.10	7.99	7.77

Shynyzbekova, Aygerim (KAZ) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Athletics Championships (Doha, QAT)													*CAA Hurdle Development (2019)*			
date 24-Apr-19 time	2.68	3.77	4.83	5.87	6.94	7.98	9.05	10.12	11.19	12.29		13.50	3 / 8			
reaction time 0.132 interval		1.09	1.06	1.04	1.07	1.04	1.07	1.07	1.07	1.10	1.21			3.19	3.18	3.24
wind 1.3 m/s velocity	4.85	7.80	8.02	8.17	7.94	8.17	7.94	7.94	7.94	7.73	8.68	7.41		7.99	8.02	7.87

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.72	3.82	4.86	5.90	6.98	8.04	9.08	10.14	11.22	12.30		13.50	5 / 1			
reaction time 0.173 interval		1.10	1.04	1.04	1.08	1.06	1.04	1.06	1.08	1.08	1.20			3.18	3.18	3.22
wind 1.0 m/s velocity	4.78	7.73	8.17	8.17	7.87	8.02	8.17	8.02	7.87	7.87	8.38	7.41		8.02	8.02	7.92

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.72	3.80	4.85	5.88	6.90	7.94	9.02	10.10	11.19	12.30		13.50	4 / 4			
reaction time 0.208 interval		1.08	1.05	1.03	1.02	1.04	1.08	1.08	1.09	1.11	1.20			3.16	3.14	3.28
wind 0.1 m/s velocity	4.78	7.87	8.10	8.25	8.33	8.17	7.87	7.87	7.80	7.66	8.38	7.41		8.07	8.12	7.77

Porter, Tiffany (GBR) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 23-May-21 time	2.56	3.62	4.70	5.74	6.78	7.80	8.84	9.94	11.02	12.16		13.50	4 / 4			
reaction time 0.131 interval		1.06	1.08	1.04	1.04	1.02	1.04	1.10	1.08	1.14	1.34			3.18	3.10	3.32
wind -3.9 m/s velocity	5.08	8.02	7.87	8.17	8.17	8.33	8.17	7.73	7.87	7.46	7.50	7.41		8.02	8.23	7.68

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.75	3.83	4.87	5.92	6.95	8.02	9.07	10.13	11.25	12.33		13.50	6 / 6			
reaction time 0.185 interval	7 steps	1.08	1.04	1.05	1.03	1.07	1.05	1.06	1.12	1.08	1.17			3.17	3.15	3.26
wind 0.4 m/s velocity	4.73	7.87	8.17	8.10	8.25	7.94	8.10	8.02	7.59	7.87	8.59	7.41		8.04	8.10	7.82

Kerekes, Gréta (HUN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24 time	2.50	3.59	4.63	5.72	6.80	7.85	8.90	9.98	11.05	12.15		13.50	5 / 7			
reaction time 0.136 interval		1.09	1.04	1.09	1.08	1.05	1.05	1.08	1.07	1.10	1.35			3.22	3.18	3.25
wind 0.8 m/s velocity	5.20	7.80	8.17	7.80	7.87	8.10	8.10	7.87	7.94	7.73	7.44	7.41		7.92	8.02	7.85

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24 time	2.71	3.82	4.89	5.96	7.00	8.06	9.10	10.16	11.24	12.33		13.50	4 / 4			
reaction time 0.177 interval		1.11	1.07	1.07	1.04	1.06	1.04	1.06	1.08	1.09	1.17			3.25	3.14	3.23
wind 0.6 m/s velocity	4.80	7.66	7.94	7.94	8.17	8.02	8.17	8.02	7.87	7.80	8.59	7.41		7.85	8.12	7.89

Gao Yirong (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24 time	2.74	3.82	4.89	5.92	6.96	8.00	9.06	10.13	11.20	12.28		13.50	6 / 5			
reaction time 0.237 interval		1.08	1.07	1.03	1.04	1.04	1.06	1.07	1.07	1.08	1.22			3.18	3.14	3.22
wind 0.6 m/s velocity	4.74	7.87	7.94	8.25	8.17	8.17	8.02	7.94	7.94	7.87	8.24	7.41		8.02	8.12	7.92

Rallins, Mamie (USA) (1941)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 1972 Olympic Games (Munich, FRG)													*Letzelter (1977) - Hurdensprint: geschwindigkeitsverlauf und spezielle eigenschaften*			
date 04-Sep-72 time	2.5				6.7							13.51	4 / 3			
reaction time interval					4.3											

wind	0.6 m/s	velocity	5.24				7.98							7.40				
Skeete, Lesley-Ann (GBR) (1967)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 1985 European Junior Championships (Cottbus, GDR)														*Warburton (1985) - 1985 european junior championships - hurdles*				
date	23-Aug-85	time	2.39	3.59	4.57	5.64	6.64	7.70	8.80	9.91	11.01	12.13		13.51	/ 5			
reaction time		interval		1.20	0.98	1.07	1.00	1.06	1.10	1.11	1.10	1.12	1.38			3.25	3.16	3.33
wind	2.0 m/s	velocity	5.44	7.08	8.67	7.94	8.50	8.02	7.73	7.66	7.73	7.59	7.61	7.40		7.85	8.07	7.66
Devers-Roberts, Gail (USA) (1966)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)														*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date	29-Sep-88	time	2.64	3.77	4.89	5.96	7.01	8.05	9.13	10.21	11.29	12.37		13.51	7 / 8			
reaction time	0.166	interval		1.13	1.12	1.07	1.05	1.04	1.08	1.08	1.08	1.08	1.14			3.32	3.17	3.24
wind	0.5 m/s	velocity	4.92	7.52	7.59	7.94	8.10	8.17	7.87	7.87	7.87	7.87	9.21	7.40		7.68	8.04	7.87
Terada, Asuka (JPN) (1990)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 Japanese National Championships (Kawasaki, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*				
date	28-Jun-08	time	2.48	3.57	4.64	5.69	6.75	7.79	8.85	9.92	11.00	12.13		13.51	/ 1			
reaction time		interval		1.09	1.07	1.05	1.06	1.04	1.06	1.07	1.08	1.13	1.38			3.21	3.16	3.28
wind	-1.5 m/s	velocity	5.24	7.80	7.94	8.10	8.02	8.17	8.02	7.94	7.87	7.52	7.61	7.40		7.94	8.07	7.77
Tymińska, Karolina (POL) (1984)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Race 1 - 2011 European Team Championships (Stockholm, SWE)														*Blomkvist (2011) - www.sub13.se*				
date	19-Jun-11	time	2.62	3.68	4.76	5.80	6.86	7.88	8.92	9.96	11.06	12.20		13.51	/ 3			
reaction time	0.180	interval		1.06	1.08	1.04	1.06	1.02	1.04	1.04	1.10	1.14	1.31			3.18	3.12	3.28
wind	-1.0 m/s	velocity	4.96	8.02	7.87	8.17	8.02	8.33	8.17	8.17	7.73	7.46	8.02	7.40		8.02	8.17	7.77
Pletsch, Jenna (GER) (1991)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2014 Sparkassen Gala (Regensburg, GER)														*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*				
date	07-Jun-14	time	2.68	3.78	4.84	5.88	6.94	8.00	9.04	10.10	11.18	12.30		13.51	3 / 5			
reaction time		interval		1.10	1.06	1.04	1.06	1.06	1.04	1.06	1.08	1.12	1.21			3.20	3.16	3.26
wind	0.1 m/s	velocity	4.85	7.73	8.02	8.17	8.02	8.02	8.17	8.02	7.87	7.59	8.68	7.40		7.97	8.07	7.82
Koudelová, Lucie (CZE) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)														*Feher (2014) - Final report from the Czech Republic national championships*				
date	02-Aug-14	time	2.77	3.90	4.98	6.03	7.08	8.13	9.18	10.25	11.31	12.40		13.51	4 / 1			
reaction time	0.135	interval		1.13	1.08	1.05	1.05	1.05	1.05	1.07	1.06	1.09	1.11			3.26	3.15	3.22
wind	-1.0 m/s	velocity	4.69	7.52	7.87	8.10	8.10	8.10	8.10	7.94	8.02	7.80	9.46	7.40		7.82	8.10	7.92
Aoki, Masumi (JPN) (1994)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)														*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*				
date	20-May-18	time	2.63	3.69	4.76	5.81	6.86	7.90	8.95	10.03	11.15	12.27		13.51	2 / 6			
reaction time	0.141	interval		1.06	1.07	1.05	1.05	1.04	1.05	1.08	1.12	1.12	1.24			3.18	3.14	3.32
wind	-0.6 m/s	velocity	4.94	8.02	7.94	8.10	8.10	8.17	8.10	7.87	7.59	7.59	8.47	7.40		8.02	8.12	7.68
Nomura, Yuka (JPN) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)														*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*				
date	24-Jun-18	time	2.63	3.70	4.76	5.83	6.90	7.95	9.03	10.11	11.19	12.31		13.51	3 / 5			
reaction time	0.174	interval		1.07	1.06	1.07	1.07	1.05	1.08	1.08	1.08	1.12	1.20			3.20	3.20	3.28
wind	1.1 m/s	velocity	4.94	7.94	8.02	7.94	7.94	8.10	7.87	7.87	7.87	7.59	8.75	7.40		7.97	7.97	7.77
Wu Yanni (CHN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)														*CAA Hurdle Development (2019)*				
date	08-Apr-19	time	2.73	3.79	4.86	5.90	6.93	7.98	9.04	10.10	11.17	12.27		13.51	4 / 1			
reaction time	0.184	interval		1.06	1.07	1.04	1.03	1.05	1.06	1.06	1.07	1.10	1.24			3.17	3.14	3.23
wind	-1.0 m/s	velocity	4.76	8.02	7.94	8.17	8.25	8.10	8.02	8.02	7.94	7.73	8.47	7.40		8.04	8.12	7.89
Wang Li (CHN) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)														*CAA Hurdle Development (2019)*				
date	30-May-19	time	2.68	3.77	4.83	5.88	6.92	7.97	9.04	10.12	11.18	12.31		13.51	8 / 2			
reaction time	0.170	interval		1.09	1.06	1.05	1.04	1.05	1.07	1.08	1.06	1.13	1.20	**PB**		3.20	3.16	3.27
wind	-0.1 m/s	velocity	4.85	7.80	8.02	8.10	8.17	8.10	7.94	7.87	8.02	7.52	8.75	7.40		7.97	8.07	7.80
Nakamura, Yuki (JPN) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2019 Fuse Sprint (Tottori, JPN)														*Kijima (2019) - research on athlete performance and technique- 2019 data book*				
date	02-Jun-19	time	2.68	3.76	4.81	5.84	6.92	7.97	9.03	10.12	11.22	12.33		13.51	3 / 8			
reaction time	0.138	interval		1.08	1.05	1.03	1.08	1.05	1.06	1.09	1.10	1.11	1.18			3.16	3.19	3.30
wind	3.5 m/s	velocity	4.85	7.87	8.10	8.25	7.87	8.10	8.02	7.80	7.73	7.66	8.90	7.40		8.07	7.99	7.73
Dai Yiru (CHN) (2001)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 3 - 2021 National Grand Prix (Chengdu, CHN)														*CAA Hurdle Development (2021)*				
date	02-Apr-21	time	2.64	3.72	4.78	5.82	6.90	7.96	9.02	10.08	11.18	12.26		13.51	4 / 2			
reaction time	0.198	interval		1.08	1.06	1.04	1.08	1.06	1.06	1.06	1.10	1.08	1.25			3.18	3.20	3.24
wind	1.0 m/s	velocity	4.92	7.87	8.02	8.17	7.87	8.02	8.02	8.02	7.73	7.87	8.04	7.40		8.02	7.97	7.87

You Na (CHN) (1993)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN)															*CAA Hurdle Development (2021)*			
date	24-Apr-21	time	2.72	3.82	4.87	5.93	7.00	8.04	9.07	10.15	11.21	12.30		13.51	6 / 2			
reaction time	0.167	interval		1.10	1.05	1.06	1.07	1.04	1.03	1.08	1.06	1.09	1.21			3.21	3.14	3.23
wind	0.6 m/s	velocity	4.78	7.73	8.10	8.02	7.94	8.17	8.25	7.87	8.02	7.80	8.31	7.40		7.94	8.12	7.89

Seymour, Pedrya (BAH) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) (TV Analysis)															*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date	10-Jun-21	time	2.56	3.62	4.72	5.80	6.84	7.88	8.94	10.02	11.08	12.18		13.51	1 / 7			
reaction time	0.168	interval		1.06	1.10	1.08	1.04	1.04	1.06	1.08	1.06	1.10	1.33			3.24	3.14	3.24
wind	-0.8 m/s	velocity	5.08	8.02	7.73	7.87	8.17	8.17	8.02	7.87	8.02	7.73	7.56	7.40		7.87	8.12	7.87

Shi Jiali (CHN) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)															*CAA Hurdle Development (2021)*			
date	25-Jun-21	time	2.62	3.68	4.75	5.79	6.82	7.89	8.96	10.03	11.13	12.24		13.51	6 / 2			
reaction time	0.161	interval		1.06	1.07	1.04	1.03	1.07	1.07	1.07	1.10	1.11	1.27			3.17	3.17	3.28
wind	-1.6 m/s	velocity	4.96	8.02	7.94	8.17	8.25	7.94	7.94	7.94	7.73	7.66	7.91	7.40		8.04	8.04	7.77

Weißenberg, Sophie (GER) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date	17-Jul-22	time	2.76	3.83	4.90	5.93	7.00	8.05	9.11	10.18	11.23	12.33		13.51	6 / 4			
reaction time	0.153	interval	7 steps	1.07	1.07	1.03	1.07	1.05	1.06	1.07	1.05	1.10	1.18	PB		3.17	3.18	3.22
wind	1.4 m/s	velocity	4.71	7.94	7.94	8.25	7.94	8.10	8.02	7.94	8.10	7.73	8.52	7.40		8.04	8.02	7.92

McMillian, Sydni (USA) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)															*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date	29-Jun-24	time	2.63	3.70	4.74	5.75	6.75	7.77	8.87	9.91	11.05	12.21		13.51	9 / 6			
reaction time		interval		1.07	1.04	1.01	1.00	1.02	1.10	1.04	1.14	1.16	1.30			3.12	3.12	3.34
wind	1.0 m/s	velocity	4.94	7.94	8.17	8.42	8.50	8.33	7.73	8.17	7.46	7.33	7.73	7.40		8.17	8.17	7.63

Hemphill, Megu (JPN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National Championships (Niigata, JPN)															*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date	27-Jun-15	time	2.69	3.77	4.81	5.85	6.89	7.93	8.98	10.05	11.14	12.26		13.52	3 / 5			
reaction time	0.145	interval		1.08	1.04	1.04	1.04	1.04	1.05	1.07	1.09	1.12	1.26			3.16	3.13	3.28
wind	-0.2 m/s	velocity	4.83	7.87	8.17	8.17	8.17	8.17	8.10	7.94	7.80	7.59	8.33	7.40		8.07	8.15	7.77

Soma, Eriko (JPN) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)															*(2017) - tfdata-store.com/2017/05/01/post-458/*			
date	29-Apr-17	time	2.70	3.79	4.87	5.94	7.02	8.08	9.15	10.22	11.28	12.36		13.52	8 / 5			
reaction time		interval		1.09	1.08	1.07	1.08	1.06	1.07	1.07	1.06	1.08	1.16			3.24	3.21	3.21
wind	2.0 m/s	velocity	4.81	7.80	7.87	7.94	7.87	8.02	7.94	7.94	8.02	7.87	9.05	7.40		7.87	7.94	7.94

Aoki, Masumi (JPN) (1994)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)															*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date	07-May-17	time	2.69	3.75	4.81	5.86	6.91	7.95	9.04	10.12	11.20	12.30		13.52	7 / 4			
reaction time		interval		1.06	1.06	1.05	1.05	1.04	1.09	1.08	1.08	1.10	1.22			3.17	3.18	3.26
wind	-0.6 m/s	velocity	4.83	8.02	8.02	8.10	8.10	8.17	7.80	7.87	7.87	7.73	8.61	7.40		8.04	8.02	7.82

Soma, Eriko (JPN) (1991)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)															*(2017) - tfdata-store.com/2017/05/01/458/*			
date	04-Jun-17	time	2.62	3.68	4.72	5.72	6.75	7.83	8.98	10.12	11.25	12.34		13.52	5 / 4			
reaction time		interval		1.06	1.04	1.00	1.03	1.08	1.15	1.14	1.13	1.09	1.18			3.10	3.26	3.36
wind	3.7 m/s	velocity	4.96	8.02	8.17	8.50	8.25	7.87	7.39	7.46	7.52	7.80	8.90	7.40		8.23	7.82	7.59

di Lazzaro, Elisa Maria (ITA) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)															*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date	31-May-18	time	2.68	3.76	4.84	5.86	6.92	7.96	9.02	10.08	11.16	12.24		13.52	1 / 8			
reaction time	0.168	interval		1.08	1.08	1.02	1.06	1.04	1.06	1.06	1.08	1.08	1.28			3.18	3.16	3.22
wind	0.0 m/s	velocity	4.85	7.87	7.87	8.33	8.02	8.17	8.02	8.02	7.87	7.87	8.20	7.40		8.02	8.07	7.92

Tanaka, Hikari (JPN) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)															*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date	24-Jun-18	time	2.68	3.79	4.87	5.92	6.97	8.03	9.08	10.14	11.22	12.31		13.52	6 / 6			
reaction time	0.190	interval		1.11	1.08	1.05	1.05	1.06	1.05	1.06	1.08	1.09	1.21			3.24	3.16	3.23
wind	1.1 m/s	velocity	4.85	7.66	7.87	8.10	8.10	8.02	8.10	8.02	7.87	7.80	8.68	7.40		7.87	8.07	7.89

You Na (CHN) (1993)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)															*CAA Hurdle Development (2019)*			
date	13-Apr-19	time	2.66	3.74	4.79	5.82	6.87	7.91	9.00	10.09	11.15	12.27		13.52	4 / 5			
reaction time	0.202	interval		1.08	1.05	1.03	1.05	1.04	1.09	1.09	1.06	1.12	1.25	PB		3.16	3.18	3.27
wind	0.3 m/s	velocity	4.89	7.87	8.10	8.25	8.10	8.17	7.80	7.80	8.02	7.59	8.40	7.40		8.07	8.02	7.80

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19 time	2.70	3.78	4.84	5.91	6.95	7.98	9.09	10.16	11.23	12.34		13.52	7 / 4			
reaction time 0.170 interval		1.08	1.06	1.07	1.04	1.03	1.11	1.07	1.07	1.11	1.18			3.21	3.18	3.25
wind 0.0 m/s velocity	4.81	7.87	8.02	7.94	8.17	8.25	7.66	7.94	7.94	7.66	8.90	7.40		7.94	8.02	7.85

Jollivet, Lou-Anne (FRA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20 time	2.63	3.71	4.76	5.88	6.92	7.94	8.98	10.03	11.11	12.19		13.52	7 / 5			
reaction time 0.204 interval		1.08	1.05	1.12	1.04	1.02	1.04	1.05	1.08	1.08	1.33	PB		3.25	3.10	3.21
wind 1.5 m/s velocity	4.94	7.87	8.10	7.59	8.17	8.33	8.17	8.10	7.87	7.87	7.56	7.40		7.85	8.23	7.94

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.73	3.81	4.88	5.94	7.00	8.06	9.12	10.19	11.27	12.37		13.52	7 / 2			
reaction time 0.165 interval		1.08	1.07	1.06	1.06	1.06	1.06	1.07	1.08	1.10	1.15			3.21	3.18	3.25
wind 0.3 m/s velocity	4.76	7.87	7.94	8.02	8.02	8.02	8.02	7.94	7.87	7.73	8.74	7.40		7.94	8.02	7.85

Thompson, Yanique (JAM) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 25-Sep-20 time	2.60	3.66	4.76	5.83	6.86	7.90	8.93	10.00	11.06	12.20		13.52	6 / 8			
reaction time 0.144 interval		1.06	1.10	1.07	1.03	1.04	1.03	1.07	1.06	1.14	1.32			3.23	3.10	3.27
wind 1.1 m/s velocity	5.00	8.02	7.73	7.94	8.25	8.17	8.25	7.94	8.02	7.46	7.61	7.40		7.89	8.23	7.80

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 03-Oct-20 time	2.67	3.75	4.80	5.83	6.88	7.94	9.00	10.08	11.19	12.29		13.52	7 / 6			
reaction time 0.174 interval		1.08	1.05	1.03	1.05	1.06	1.06	1.08	1.11	1.10	1.23			3.16	3.17	3.29
wind -0.1 m/s velocity	4.87	7.87	8.10	8.25	8.10	8.02	8.02	7.87	7.66	7.73	8.17	7.40		8.07	8.04	7.75

Takeuchi, Maya (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Japanese National Championships (Niigata, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 03-Oct-20 time	2.62	3.71	4.78	5.82	6.89	7.94	9.00	10.08	11.18	12.30		13.52	8 / 7			
reaction time 0.154 interval		1.09	1.07	1.04	1.07	1.05	1.06	1.08	1.10	1.12	1.22	PB		3.20	3.18	3.30
wind -0.1 m/s velocity	4.96	7.80	7.94	8.17	7.94	8.10	8.02	7.87	7.73	7.59	8.24	7.40		7.97	8.02	7.73

Takeuchi, Maya (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 29-Apr-21 time	2.63	3.72	4.76	5.81	6.86	7.91	8.98	10.06	11.17	12.30		13.52	1 / 7			
reaction time interval		1.09	1.04	1.05	1.05	1.05	1.07	1.08	1.11	1.13	1.22	=PB		3.18	3.17	3.32
wind 1.6 m/s velocity	4.94	7.80	8.17	8.10	8.10	8.10	7.94	7.87	7.66	7.52	8.24	7.40		8.02	8.04	7.68

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 09-May-21 time	2.71	3.76	4.80	5.84	6.85	7.89	8.93	9.97	11.04	12.23		13.52	4 / 4			
reaction time 0.160 interval		1.05	1.04	1.04	1.01	1.04	1.04	1.04	1.07	1.19	1.29			3.13	3.09	3.30
wind -0.8 m/s velocity	4.80	8.10	8.17	8.17	8.42	8.17	8.17	8.17	7.94	7.14	7.79	7.40		8.15	8.25	7.73

Taguchi, Mayu (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)													*Shibayama (2021) - national high school and U20 national championhsips*			
date 01-Aug-21 time	2.70	3.78	4.84	5.89	6.93	7.98	9.03	10.10	11.19	12.29		13.52	5 / 1			
reaction time 0.138 interval		1.08	1.06	1.05	1.04	1.05	1.05	1.07	1.09	1.10	1.23	PB		3.19	3.14	3.26
wind 1.8 m/s velocity	4.81	7.87	8.02	8.10	8.17	8.10	8.10	7.94	7.80	7.73	8.17	7.40		7.99	8.12	7.82

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.66	3.73	4.80	5.84	6.89	7.95	9.00	10.11	11.20	12.28		13.52	7 / 5			
reaction time 0.154 interval		1.07	1.07	1.04	1.05	1.06	1.05	1.11	1.09	1.08	1.24			3.18	3.16	3.28
wind -2.8 m/s velocity	4.89	7.94	7.94	8.17	8.10	8.02	8.10	7.66	7.80	7.87	8.10	7.40		8.02	8.07	7.77

Tamaoki, Nanako (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 01-May-22 time	2.64	3.73	4.80	5.84	6.87	7.95	9.00	10.10	11.19	12.29		13.52	2 / 5			
reaction time 0.143 interval		1.09	1.07	1.04	1.03	1.08	1.05	1.10	1.09	1.10	1.23			3.20	3.16	3.29
wind -0.6 m/s velocity	4.92	7.80	7.94	8.17	8.25	7.87	8.10	7.73	7.80	7.73	8.17	7.40		7.97	8.07	7.75

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National Championsips (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 11-Jun-22 time	2.74	3.82	4.86	5.92	6.98	8.02	9.09	10.14	11.24	12.34		13.52	9 / 7			
reaction time 0.171 interval		1.08	1.04	1.06	1.06	1.04	1.07	1.05	1.10	1.10	1.18			3.18	3.17	3.25
wind 0.8 m/s velocity	4.74	7.87	8.17	8.02	8.02	8.17	7.94	8.10	7.73	7.73	8.52	7.40		8.02	8.04	7.85

Miklós, Éva (ROU) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-01	time	2.73	3.82	4.87	5.92	6.98	8.04	9.09	10.14	11.24	12.33		13.53	/ 6			
reaction time	0.161	interval		1.09	1.05	1.05	1.06	1.06	1.05	1.05	1.10	1.09	1.20			3.19	3.17	3.24
wind	0.6 m/s	velocity	4.76	7.80	8.10	8.10	8.02	8.02	8.10	8.10	7.73	7.80	8.75	7.39		7.99	8.04	7.87

Joshita, Rena (JPN) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Japanese National Championships (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	28-Jun-08	time	2.46	3.54	4.62	5.68	6.74	7.80	8.87	9.94	11.04	12.13		13.53	/ 2			
reaction time		interval		1.08	1.08	1.06	1.06	1.06	1.07	1.07	1.10	1.09	1.40			3.22	3.19	3.26
wind	-1.5 m/s	velocity	5.28	7.87	7.87	8.02	8.02	8.02	7.94	7.94	7.73	7.80	7.50	7.39		7.92	7.99	7.82

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Division 1 FINAL - 2016 Kanto Collegiate Championships (Yokohama, JPN) *(2016.05.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	20-May-16	time	2.73	3.82	4.88	5.93	6.99	8.05	9.10	10.17	11.25	12.33		13.53	4 / 1			
reaction time	0.146	interval		1.09	1.06	1.05	1.06	1.06	1.05	1.07	1.08	1.08	1.20			3.20	3.17	3.23
wind	-0.4 m/s	velocity	4.76	7.80	8.02	8.10	8.02	8.02	8.10	7.94	7.87	7.87	8.75	7.39		7.97	8.04	7.89

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 National Sports Festival (Kitakami, JPN) *(2016.11.14) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	10-Oct-16	time	2.72	3.80	4.86	5.90	6.93	7.99	9.05	10.12	11.23	12.34		13.53	2 / 3			
reaction time	0.145	interval		1.08	1.06	1.04	1.03	1.06	1.06	1.07	1.11	1.11	1.19			3.18	3.15	3.29
wind	2.8 m/s	velocity	4.78	7.87	8.02	8.17	8.25	8.02	8.02	7.94	7.66	7.66	8.82	7.39		8.02	8.10	7.75

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *(2017) - tfdata-store.com/2017/05/01/458/*

date	29-Apr-17	time	2.68	3.75	4.79	5.84	6.87	7.90	8.97	10.07	11.16	12.28		13.53	4 / 2			
reaction time		interval		1.07	1.04	1.05	1.03	1.03	1.07	1.10	1.09	1.12	1.25			3.16	3.13	3.31
wind	4.1 m/s	velocity	4.85	7.94	8.17	8.10	8.25	8.25	7.94	7.73	7.80	7.59	8.40	7.39		8.07	8.15	7.70

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Division 1 FINAL - 2017 Kanto Collegiate Championships (Yokohama, JPN) *(2017) - tfdata-store.com/2017/06/08/post-920/*

date	26-May-17	time	2.73	3.82	4.87	5.91	6.95	7.98	9.02	10.09	11.18	12.28		13.53	5 / 2			
reaction time	0.155	interval		1.09	1.05	1.04	1.04	1.03	1.04	1.07	1.09	1.10	1.25			3.18	3.11	3.26
wind	1.9 m/s	velocity	4.76	7.80	8.10	8.17	8.17	8.25	8.17	7.94	7.80	7.73	8.40	7.39		8.02	8.20	7.82

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	16-Sep-18	time	2.68	3.74	4.82	5.87	6.92	7.98	9.03	10.11	11.20	12.31		13.53	5 / 4			
reaction time		interval		1.06	1.08	1.05	1.05	1.06	1.05	1.08	1.09	1.11	1.22			3.19	3.16	3.28
wind	-0.2 m/s	velocity	4.85	8.02	7.87	8.10	8.10	8.02	8.10	7.87	7.80	7.66	8.61	7.39		7.99	8.07	7.77

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN) *CAA Hurdle Development (2019)*

date	23-May-19	time	2.76	3.82	4.88	5.92	6.98	8.04	9.10	10.16	11.26	12.34		13.53	9 / 4			
reaction time	0.207	interval		1.06	1.06	1.04	1.06	1.06	1.06	1.06	1.10	1.08	1.19			3.16	3.18	3.24
wind	0.4 m/s	velocity	4.71	8.02	8.02	8.17	8.02	8.02	8.02	8.02	7.73	7.87	8.82	7.39		8.07	8.02	7.87

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN) *CAA Hurdle Development (2019)*

date	04-Jun-19	time	2.65	3.73	4.78	5.83	6.87	7.94	8.99	10.06	11.16	12.27		13.53	8 / 3			
reaction time	0.156	interval		1.08	1.05	1.05	1.04	1.07	1.05	1.07	1.10	1.11	1.26			3.18	3.16	3.28
wind	-1.2 m/s	velocity	4.91	7.87	8.10	8.10	8.17	7.94	8.10	7.94	7.73	7.66	8.33	7.39		8.02	8.07	7.77

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.65	3.74	4.79	5.82	6.87	7.93	8.99	10.08	11.16	12.30		13.53	7 / 1			
reaction time	0.175	interval		1.09	1.05	1.03	1.05	1.06	1.06	1.09	1.08	1.14	1.23			3.17	3.17	3.31
wind	-0.2 m/s	velocity	4.91	7.80	8.10	8.25	8.10	8.02	8.02	7.80	7.87	7.46	8.54	7.39		8.04	8.04	7.70

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN) *CAA Hurdle Development (2021)*

date	19-May-21	time	2.75	3.85	4.91	5.97	7.00	8.04	9.09	10.16	11.21	12.31		13.53	7 / 1			
reaction time	0.259	interval		1.10	1.06	1.06	1.03	1.04	1.05	1.07	1.05	1.10	1.22	PB		3.22	3.12	3.22
wind	0.2 m/s	velocity	4.73	7.73	8.02	8.02	8.25	8.17	8.10	7.94	8.10	7.73	8.24	7.39		7.92	8.17	7.92

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN) *CAA Hurdle Development (2021)*

date	23-May-21	time	2.70	3.78	4.85	5.90	6.94	7.99	9.04	10.10	11.16	12.26		13.53	5 / 2			
reaction time	0.181	interval		1.08	1.07	1.05	1.04	1.05	1.05	1.06	1.06	1.10	1.27			3.20	3.14	3.22
wind	-0.5 m/s	velocity	4.81	7.87	7.94	8.10	8.17	8.10	8.10	8.02	8.02	7.73	7.91	7.39		7.97	8.12	7.92

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	23-May-21	time	2.60	3.64	4.70	5.76	6.82	7.88	8.96	10.04	11.14	12.24		13.53	1 / 5			
reaction time	0.153	interval		1.04	1.06	1.06	1.06	1.06	1.08	1.08	1.10	1.10	1.29			3.16	3.20	3.28
wind	-3.9 m/s	velocity	5.00	8.17	8.02	8.02	8.02	8.02	7.87	7.87	7.73	7.73	7.79	7.39		8.07	7.97	7.77

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2021 Chinese National Championships (Chongqing, CHN) — *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.67	3.75	4.82	5.87	6.92	7.99	9.06	10.13	11.21	12.33		13.53	5 / 1			
reaction time	0.160	interval		1.08	1.07	1.05	1.05	1.07	1.07	1.07	1.08	1.12	1.20			3.20	3.19	3.27
wind	-1.8 m/s	velocity	4.87	7.87	7.94	8.10	8.10	7.94	7.94	7.94	7.87	7.59	8.38	7.39		7.97	7.99	7.80

Asagi, Tsukiha (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2021 Japanese High School National Championships (Fukui, JPN) — *Shibayama (2021) - national high school and U20 national championhsips*

date	01-Aug-21	time	2.65	3.72	4.78	5.83	6.89	7.95	9.03	10.08	11.20	12.30		13.53	4 / 2			
reaction time	0.134	interval		1.07	1.06	1.05	1.06	1.06	1.08	1.05	1.12	1.10	1.23	PB		3.18	3.20	3.27
wind	1.8 m/s	velocity	4.91	7.94	8.02	8.10	8.02	8.02	7.87	8.10	7.59	7.73	8.17	7.39		8.02	7.97	7.80

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese National Games (Xi'an, CHN) — *CAA Hurdle Development (2021)*

date	22-Sep-21	time	2.56	3.66	4.73	5.77	6.83	7.93	9.00	10.06	11.16	12.26		13.53	9 / 8			
reaction time	0.161	interval		1.10	1.07	1.04	1.06	1.10	1.07	1.06	1.10	1.10	1.27			3.21	3.23	3.26
wind	0.1 m/s	velocity	5.08	7.73	7.94	8.17	8.02	7.73	7.94	8.02	7.73	7.73	7.91	7.39		7.94	7.89	7.82

Hayashi, Miki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN) — *Takashima (2023) - national high school sports festival - biomechanics data*

date	06-Aug-23	time	2.67	3.72	4.76	5.78	6.82	7.88	8.93	10.03	11.14	12.28		13.53	6 / 1			
reaction time	0.194	interval		1.05	1.04	1.02	1.04	1.06	1.05	1.10	1.11	1.14	1.25			3.11	3.15	3.35
wind	0.8 m/s	velocity	4.87	8.10	8.17	8.33	8.17	8.02	8.10	7.73	7.66	7.46	8.04	7.39		8.20	8.10	7.61

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) — *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.75	3.80	4.87	5.91	6.97	8.02	9.09	10.15	11.24	12.33		13.53	7 / 2			
reaction time	0.179	interval		1.05	1.07	1.04	1.06	1.05	1.07	1.06	1.09	1.09	1.20			3.16	3.18	3.24
wind	-0.5 m/s	velocity	4.73	8.10	7.94	8.17	8.02	8.10	7.94	8.02	7.80	7.80	8.38	7.39		8.07	8.02	7.87

Kamizono, Miyu (JPN) (2007)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN) — *Takashima (2024) - national high school sports festival - biomechanics data*

date	01-Aug-24	time	2.62	3.70	4.77	5.83	6.89	7.96	9.02	10.11	11.20	12.33		13.53	8 / 2			
reaction time	0.141	interval		1.08	1.07	1.06	1.06	1.07	1.06	1.09	1.09	1.13	1.20	PB		3.21	3.19	3.31
wind	1.0 m/s	velocity	4.96	7.87	7.94	8.02	8.02	7.94	8.02	7.80	7.80	7.52	8.38	7.39		7.94	7.99	7.70

O'Dowda, Jade (GBR) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.59	3.71	4.77	5.81	6.86	7.92	8.99	10.05	11.13	12.22		13.53	3 / 3			
reaction time	0.200	interval		1.12	1.06	1.04	1.05	1.06	1.07	1.06	1.08	1.09	1.31			3.22	3.18	3.23
wind	0.1 m/s	velocity	5.02	7.59	8.02	8.17	8.10	8.02	7.94	8.02	7.87	7.80	7.67	7.39		7.92	8.02	7.89

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN) — *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.78	3.82	4.89	5.94	6.98	8.03	9.09	10.14	11.24	12.33		13.54	8 / 5			
reaction time	0.197	interval		1.04	1.07	1.05	1.04	1.05	1.06	1.05	1.10	1.09	1.21			3.16	3.15	3.24
wind	0.0 m/s	velocity	4.68	8.17	7.94	8.10	8.17	8.10	8.02	8.10	7.73	7.80	8.68	7.39		8.07	8.10	7.87

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN) — *Matsubayashi (2020) - research athlete performance technique- 2020 databook*

date	26-Sep-20	time	2.74	3.85	4.91	5.97	7.01	8.06	9.10	10.17	11.24	12.33		13.54	4 / 1			
reaction time		interval		1.11	1.06	1.06	1.04	1.05	1.04	1.07	1.07	1.09	1.21			3.23	3.13	3.23
wind	0.1 m/s	velocity	4.74	7.66	8.02	8.02	8.17	8.10	8.17	7.94	7.94	7.80	8.31	7.39		7.89	8.15	7.89

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2021 East China District Meeting (Zhaoqing, CHN) — *CAA Hurdle Development (2021)*

date	24-Apr-21	time	2.72	3.79	4.82	5.87	6.91	7.97	9.03	10.11	11.19	12.31		13.54	7 / 1			
reaction time	0.216	interval		1.07	1.03	1.05	1.04	1.06	1.06	1.08	1.08	1.12	1.23			3.15	3.16	3.28
wind	0.5 m/s	velocity	4.78	7.94	8.25	8.10	8.17	8.02	8.02	7.87	7.87	7.59	8.17	7.39		8.10	8.07	7.77

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2021 East China District Meeting (Zhaoqing, CHN) — *CAA Hurdle Development (2021)*

date	24-Apr-21	time	2.65	3.72	4.76	5.81	6.85	7.89	8.96	10.08	11.16	12.31		13.54	6 / 2			
reaction time	0.179	interval		1.07	1.04	1.05	1.04	1.04	1.07	1.12	1.08	1.15	1.23			3.16	3.15	3.35
wind	0.5 m/s	velocity	4.91	7.94	8.17	8.10	8.17	8.17	7.94	7.59	7.87	7.39	8.17	7.39		8.07	8.10	7.61

Thiam, Nafissatou (BEL) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	04-Aug-21	time	2.68	3.74	4.82	5.86	6.91	7.94	9.03	10.11	11.20	12.31		13.54	8 / 3			

reaction time	0.156	interval		1.06	1.08	1.04	1.05	1.03	1.09	1.08	1.09	1.11	1.23			3.18	3.17	3.28
wind	0.2 m/s	velocity	4.85	8.02	7.87	8.17	8.10	8.25	7.80	7.87	7.80	7.66	8.17	7.39		8.02	8.04	7.77

Williams, Kendall (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22	time	2.71	3.78	4.80	5.83	6.88	7.93	8.98	10.03	11.15	12.28		13.54	6 / 8			
reaction time 0.139	interval		1.07	1.02	1.03	1.05	1.05	1.05	1.05	1.12	1.13	1.26			3.12	3.15	3.30
wind 0.7 m/s	velocity	4.80	7.97	8.30	8.25	8.10	8.10	8.10	8.10	7.59	7.52	7.98	7.39		8.17	8.10	7.73

Zheng Ninali (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 02-Sep-23	time	2.65	3.73	4.79	5.81	6.85	7.91	8.97	10.07	11.18	12.31		13.54	2 / 4			
reaction time 0.169	interval		1.08	1.06	1.02	1.04	1.06	1.06	1.10	1.11	1.13	1.23			3.16	3.16	3.34
wind 0.1 m/s	velocity	4.91	7.87	8.02	8.33	8.17	8.02	8.02	7.73	7.66	7.52	8.17	7.39		8.07	8.07	7.63

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 02-Sep-23	time	2.70	3.78	4.87	5.92	7.00	8.06	9.12	10.21	11.27	12.35		13.54	4 / 5			
reaction time 0.155	interval		1.08	1.09	1.05	1.08	1.06	1.06	1.09	1.06	1.08	1.19			3.22	3.20	3.23
wind 0.1 m/s	velocity	4.81	7.87	7.80	8.10	7.87	8.02	8.02	7.80	8.02	7.87	8.45	7.39		7.92	7.97	7.89

Taninaka, Tennka (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)													*Takashima (2024) - national high school sports festival - biomechanics data*			
date 01-Aug-24	time	2.66	3.71	4.76	5.81	6.86	7.90	8.99	10.07	11.18	12.30		13.54	5 / 3			
reaction time 0.160	interval		1.05	1.05	1.05	1.05	1.04	1.09	1.08	1.11	1.12	1.24			3.15	3.18	3.31
wind 1.0 m/s	velocity	4.89	8.10	8.10	8.10	8.10	8.17	7.80	7.87	7.66	7.59	8.10	7.39		8.10	8.02	7.70

Lazraq-Khlass, Auriana (FRA) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24	time	2.57	3.66	4.71	5.74	6.77	7.78	8.82	9.91	11.06	12.19		13.54	6 / 8			
reaction time 0.155	interval		1.09	1.05	1.03	1.03	1.01	1.04	1.09	1.15	1.13	1.35			3.17	3.08	3.37
wind -0.1 m/s	velocity	5.06	7.80	8.10	8.25	8.25	8.42	8.17	7.80	7.39	7.52	7.44	7.39		8.04	8.28	7.57

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date 16-Sep-24	time	2.65	3.75	4.82	5.87	6.93	7.96	9.03	10.11	11.20	12.30		13.54	9 / 6			
reaction time 0.148	interval		1.10	1.07	1.05	1.06	1.03	1.07	1.08	1.09	1.10	1.24			3.22	3.16	3.27
wind 0.6 m/s	velocity	4.91	7.73	7.94	8.10	8.02	8.25	7.94	7.87	7.80	7.73	8.10	7.39		7.92	8.07	7.80

Fust, Katja (GER) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1993 European Junior Championships (San Sebastian, ESP)													*Hücklekemkes (1997) - geschwindigkeitstabellen vereinfachen die auswertung von hürdensprints*			
date 01-Aug-93	time	2.78	3.84	4.92	5.96	7.04	8.08	9.16	10.20	11.28	12.34		13.55	/ 2			
reaction time	interval		1.06	1.08	1.04	1.08	1.04	1.08	1.04	1.08	1.06	1.21			3.18	3.20	3.18
wind 1.3 m/s	velocity	4.68	8.02	7.87	8.17	7.87	8.17	7.87	8.17	7.87	8.02	8.68	7.38		8.02	7.97	8.02

Westerlund, Elin (SWE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 16-Jun-16	time	2.53	3.57	4.60	5.64	6.68	7.72	8.77	9.91	11.02	12.17		13.55	1 / 8			
reaction time 0.148	interval		1.04	1.03	1.04	1.04	1.04	1.05	1.14	1.11	1.15	1.38			3.11	3.13	3.40
wind -0.4 m/s	velocity	5.14	8.17	8.25	8.17	8.17	8.17	8.10	7.46	7.66	7.39	7.61	7.38		8.20	8.15	7.50

Yoshita, Airi (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2018 IAAF World Junior Championships (Tampere, FIN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 14-Jul-18	time	2.73	3.80	4.85	5.91	6.94	7.97	9.03	10.11	11.20	12.32		13.55	5 / 5			
reaction time 0.159	interval		1.07	1.05	1.06	1.03	1.03	1.06	1.08	1.09	1.12	1.23			3.18	3.12	3.29
wind 0.9 m/s	velocity	4.76	7.94	8.10	8.02	8.25	8.25	8.02	7.87	7.80	7.59	8.54	7.38		8.02	8.17	7.75

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 24-Aug-19	time	2.68	3.77	4.84	5.92	6.97	8.04	9.10	10.16	11.27	12.37		13.55	9 / 4			
reaction time 0.161	interval		1.09	1.07	1.08	1.05	1.07	1.06	1.06	1.11	1.10	1.18			3.24	3.18	3.27
wind -0.1 m/s	velocity	4.85	7.80	7.94	7.87	8.10	7.94	8.02	8.02	7.66	7.73	8.90	7.38		7.87	8.02	7.80

Missinne, Sarah (BEL) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20	time	2.63	3.70	4.77	5.83	6.87	7.93	9.00	10.10	11.17	12.30		13.55	7 / 3			
reaction time 0.133	interval		1.07	1.07	1.06	1.04	1.06	1.07	1.10	1.07	1.13	1.25			3.20	3.17	3.30
wind -0.2 m/s	velocity	4.94	7.94	7.94	8.02	8.17	8.02	7.94	7.73	7.94	7.52	8.04	7.38		7.97	8.04	7.73

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.63	3.74	4.80	5.85	6.90	7.96	9.02	10.10	11.20	12.31		13.55	7 / 4			
reaction time 0.148	interval		1.11	1.06	1.05	1.05	1.06	1.06	1.08	1.10	1.11	1.24			3.22	3.17	3.29

wind	-0.4 m/s	velocity	4.94	7.66	8.02	8.10	8.10	8.02	8.02	7.87	7.73	7.66	8.10	7.38		7.92	8.04	7.75

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Mikio Oda Memorial (Hiroshima, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 29-Apr-21	time	2.67	3.72	4.80	5.86	6.92	7.98	9.05	10.14	11.23	12.33		13.55	7 / 8			
reaction time	interval	7 steps	1.05	1.08	1.06	1.06	1.06	1.07	1.09	1.09	1.10	1.22			3.19	3.19	3.28
wind 1.6 m/s	velocity	4.87	8.10	7.87	8.02	8.02	8.02	7.94	7.80	7.80	7.73	8.24	7.38		7.99	7.99	7.77

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21	time	2.48	3.55	4.63	5.67	6.74	7.76	8.86	9.96	11.06	12.20		13.55	5 / 3			
reaction time 0.147	interval		1.07	1.08	1.04	1.07	1.02	1.10	1.10	1.10	1.14	1.35			3.19	3.19	3.34
wind -0.2 m/s	velocity	5.24	7.94	7.87	8.17	7.94	8.33	7.73	7.73	7.73	7.46	7.44	7.38		7.99	7.99	7.63

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21	time	2.62	3.68	4.74	5.78	6.82	7.87	8.90	10.00	11.12	12.28		13.55	8 / 7			
reaction time 0.159	interval		1.06	1.06	1.04	1.04	1.05	1.03	1.10	1.12	1.16	1.27			3.16	3.12	3.38
wind 1.0 m/s	velocity	4.96	8.02	8.02	8.17	8.17	8.10	8.25	7.73	7.59	7.33	7.91	7.38		8.07	8.17	7.54

Vidts, Noor (BEL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Memorial van Damme (Brussels, BEL) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 03-Sep-21	time	2.66	3.78	4.84	5.90	6.90	7.96	9.02	10.08	11.18	12.28		13.55	1 / 7			
reaction time 0.150	interval		1.12	1.06	1.06	1.00	1.06	1.06	1.06	1.10	1.10	1.27			3.24	3.12	3.26
wind 0.7 m/s	velocity	4.89	7.59	8.02	8.02	8.50	8.02	8.02	8.02	7.73	7.73	7.91	7.38		7.87	8.17	7.82

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 21-Sep-21	time	2.62	3.66	4.72	5.77	6.81	7.87	8.95	10.03	11.13	12.23		13.55	8 / 5			
reaction time 0.175	interval		1.04	1.06	1.05	1.04	1.06	1.08	1.08	1.10	1.10	1.32			3.15	3.18	3.28
wind 0.1 m/s	velocity	4.96	8.17	8.02	8.10	8.17	8.02	7.87	7.87	7.73	7.73	7.61	7.38		8.10	8.02	7.77

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22	time	2.62	3.74	4.82	5.86	6.94	8.01	9.09	10.15	11.23	12.35		13.55	2 / 5			
reaction time 0.101	interval	7 steps	1.12	1.08	1.04	1.08	1.07	1.08	1.06	1.08	1.12	1.20			3.24	3.23	3.26
wind 1.4 m/s	velocity	4.96	7.59	7.87	8.17	7.87	7.94	7.87	8.02	7.87	7.59	8.37	7.38		7.87	7.89	7.82

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 10-May-24	time	2.64	3.90	5.07	6.17	7.24	8.27	9.27	10.27		12.34		13.55	4 / ~~6~~	*no official time given*		
reaction time 0.137	interval		1.26	1.17	1.10	1.07	1.03	1.00	1.00		2.07	1.21	DQ		3.53	3.10	3.07
wind 1.7 m/s	velocity	4.92	6.75	7.26	7.73	7.94	8.25	8.50	8.50		8.21	8.31	7.38		7.22	8.23	8.31

Yanovska, Olena (UKR) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Race 1 - 2011 European Team Championships (Stockholm, SWE)													*Blomkvist (2011) - www.sub13.se*			
date 19-Jun-11	time	2.58	3.68	4.74	5.80	6.88	7.92	9.00	10.06	11.16	12.28		13.56	/ 4			
reaction time 0.165	interval		1.10	1.06	1.06	1.08	1.04	1.08	1.06	1.10	1.12	1.28			3.22	3.20	3.28
wind -1.0 m/s	velocity	5.04	7.73	8.02	8.02	7.87	8.17	7.87	8.02	7.73	7.59	8.20	7.37		7.92	7.97	7.77

Yoshida, Yuiri (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.72	3.80	4.86	5.91	6.93	8.02	9.07	10.16	11.22	12.34		13.56	3 / 1			
reaction time	interval		1.08	1.06	1.05	1.02	1.09	1.05	1.09	1.06	1.12	1.22			3.19	3.16	3.27
wind 1.6 m/s	velocity	4.78	7.41	7.55	7.62	7.84	7.34	7.62	7.34	7.55	7.14	12.30	7.37		7.52	7.59	7.34

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 24-Jun-18	time	2.70	3.78	4.87	5.94	6.98	8.03	9.08	10.15	11.25	12.36		13.56	9 / 7			
reaction time 0.144	interval		1.08	1.09	1.07	1.04	1.05	1.05	1.07	1.10	1.11	1.20			3.24	3.14	3.28
wind 1.1 m/s	velocity	4.81	7.87	7.80	7.94	8.17	8.10	8.10	7.94	7.73	7.66	8.75	7.37		7.87	8.12	7.77

Nagasaki, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18	time	2.68	3.77	4.83	5.89	6.94	8.00	9.05	10.12	11.23	12.34		13.56	3 / 3			
reaction time 0.139	interval		1.09	1.06	1.06	1.05	1.06	1.05	1.07	1.11	1.11	1.22			3.21	3.16	3.29
wind 2.5 m/s	velocity	4.85	7.80	8.02	8.02	8.10	8.02	8.10	7.94	7.66	7.66	8.61	7.37		7.94	8.07	7.75

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 08-Apr-19	time	2.62	3.67	4.73	5.79	6.86	7.91	9.00	10.09	11.16	12.27		13.56	8 / 1			
reaction time 0.176	interval		1.05	1.06	1.06	1.07	1.05	1.09	1.09	1.07	1.11	1.29			3.17	3.21	3.27
wind 0.1 m/s	velocity	4.96	8.10	8.02	8.02	7.94	8.10	7.80	7.80	7.94	7.66	8.14	7.37		8.04	7.94	7.80

Luo Xianyan (CHN) (1997)

FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN) *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Apr-19	time	2.68	3.79	4.86	5.90	6.95	8.00	9.05	10.12	11.20	12.31		13.56	7 / 6			
reaction time	0.174	interval		1.11	1.07	1.04	1.05	1.05	1.05	1.07	1.08	1.11	1.25	PB		3.22	3.15	3.26
wind	0.3 m/s	velocity	4.85	7.66	7.94	8.17	8.10	8.10	8.10	7.94	7.87	7.66	8.40	7.37		7.92	8.10	7.82

Wang Li (CHN) (1999)

Heat 1 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Jul-19	time	2.70	3.76	4.82	5.88	6.92	7.97	9.02	10.10	11.20	12.32		13.56	6 / 1			
reaction time	0.178	interval		1.06	1.06	1.06	1.04	1.05	1.05	1.08	1.10	1.12	1.24			3.18	3.14	3.30
wind	0.5 m/s	velocity	4.81	8.02	8.02	8.02	8.17	8.10	8.10	7.87	7.73	7.59	8.47	7.37		8.02	8.12	7.73

Ito, Ayaka (JPN) (2002)

U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) (76cm) *Kijima (2019) - research on athlete performance and technique- 2019 data book*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Oct-19	time	2.59	3.69	4.76	5.83	6.88	7.92	9.00	10.10	11.20	12.30		13.56	5 / 1			
reaction time	0.153	interval		1.10	1.07	1.07	1.05	1.04	1.08	1.10	1.10	1.10	1.26			3.24	3.17	3.30
wind	-0.8m/s	velocity	5.02	7.73	7.94	7.94	8.10	8.17	7.87	7.73	7.73	7.73	8.33	7.37		7.87	8.04	7.73

Yu Jiaru (CHN) (1999)

Heat 1 - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Apr-21	time	2.74	3.80	4.87	5.92	6.97	8.01	9.08	10.14	11.23	12.33		13.56	8 / 3			
reaction time	0.191	interval		1.06	1.07	1.05	1.05	1.04	1.07	1.06	1.09	1.10	1.23			3.18	3.16	3.25
wind	0.5 m/s	velocity	4.74	8.02	7.94	8.10	8.10	8.17	7.94	8.02	7.80	7.73	8.17	7.37		8.02	8.07	7.85

Chen Jiamin (CHN) (1996)

Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Apr-21	time	2.67	3.75	4.81	5.89	6.96	8.00	9.07	10.14	11.24	12.36		13.56	7 / 3			
reaction time	0.165	interval		1.08	1.06	1.08	1.07	1.04	1.07	1.07	1.10	1.12	1.20			3.22	3.18	3.29
wind	0.6 m/s	velocity	4.87	7.87	8.02	7.87	7.94	8.17	7.94	7.94	7.73	7.59	8.37	7.37		7.92	8.02	7.75

Chen Yinfeng (CHN) (1998)

Heat 1 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-21	time	2.68	3.75	4.84	5.89	6.94	7.99	9.04	10.13	11.23	12.33		13.56	5 / 2			
reaction time	0.202	interval		1.07	1.09	1.05	1.05	1.05	1.05	1.09	1.10	1.10	1.23			3.21	3.15	3.29
wind	-0.3 m/s	velocity	4.85	7.94	7.80	8.10	8.10	8.10	8.10	7.80	7.73	7.73	8.17	7.37		7.94	8.10	7.75

Deng Xuelin (CHN) (1998)

Heat 1 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-21	time	2.72	3.79	4.87	5.92	6.96	8.00	9.06	10.13	11.21	12.33		13.56	6 / 3			
reaction time	0.209	interval		1.07	1.08	1.05	1.04	1.04	1.06	1.07	1.08	1.12	1.23			3.20	3.14	3.27
wind	-0.3 m/s	velocity	4.78	7.94	7.87	8.10	8.17	8.17	8.02	7.94	7.87	7.59	8.17	7.37		7.97	8.12	7.80

Cambours, Léonie (FRA) (2000)

Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2024) - Athlete First: 2023 year end hurdle report*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	19-Aug-23	time	2.72	3.78	4.87	5.91	6.94	7.98	9.06	10.12	11.18	12.32		13.56	2 / 3			
reaction time	0.180	interval		1.06	1.09	1.04	1.03	1.04	1.08	1.06	1.06	1.14	1.24			3.19	3.15	3.26
wind	-0.2 m/s	velocity	4.78	8.02	7.80	8.17	8.25	8.17	7.87	8.02	8.02	7.46	8.10	7.37		7.99	8.10	7.82

Honda, Rei (JPN) (2001)

B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	29-Apr-24	time	2.70	3.79	4.86	5.94	7.00	8.07	9.13	10.22	11.30	12.40		13.56	2 / 3			
reaction time	0.170	interval		1.09	1.07	1.08	1.06	1.07	1.06	1.09	1.08	1.10	1.16			3.24	3.19	3.27
wind	-0.6 m/s	velocity	4.81	7.80	7.94	7.87	8.02	7.94	8.02	7.80	7.87	7.73	8.66	7.37		7.87	7.99	7.80

Chen Yinfeng (CHN) (1998)

Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	29-Jun-24	time	2.72	3.82	4.87	5.92	6.99	8.04	9.12	10.19	11.29	12.39		13.56	5 / 1			
reaction time	0.177	interval		1.10	1.05	1.05	1.07	1.05	1.08	1.07	1.10	1.10	1.17			3.20	3.20	3.27
wind	-0.4 m/s	velocity	4.78	7.73	8.10	8.10	7.94	8.10	7.87	7.94	7.73	7.73	8.59	7.37		7.97	7.97	7.80

Dong Jiaxin (CHN) (2004)

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-Jun-24	time	2.62	3.74	4.81	5.84	6.89	7.94	9.01	10.07	11.16	12.30		13.56	3 / 6			
reaction time	0.175	interval		1.12	1.07	1.03	1.05	1.05	1.07	1.06	1.09	1.14	1.26			3.22	3.17	3.29
wind	0.2 m/s	velocity	4.96	7.59	7.94	8.25	8.10	8.10	7.94	8.02	7.80	7.46	7.98	7.37		7.92	8.04	7.75

Thiam, Nafissatou (BEL) (1994)

Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Aug-24	time	2.56	3.65	4.71	5.76	6.81	7.86	8.92	10.00	11.09	12.21		13.56	7 / 5			
reaction time	0.168	interval	7 steps	1.09	1.06	1.05	1.05	1.05	1.06	1.08	1.09	1.12	1.35			3.20	3.16	3.29
wind	0.0 m/s	velocity	5.08	7.80	8.02	8.10	8.10	8.10	8.02	7.87	7.80	7.59	7.44	7.37		7.97	8.07	7.75

Deng Ru (CHN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Chinese National Grand Prix (Zhaoqing, CHN)													*Deng (2016) - research on the 2014 winter training of chinese excellent 100m hurdler Deng Ru*			
date 20-Apr-14	time	2.35	3.43	4.51	5.59	6.63	7.66	8.74	9.81	10.90	12.01		13.57	/ 4			
reaction time	interval		1.08	1.08	1.08	1.04	1.03	1.08	1.07	1.09	1.11	1.56			3.24	3.15	3.27
wind 1.0 m/s	velocity	5.53	7.87	7.87	7.87	8.17	8.25	7.87	7.94	7.80	7.66	6.73	7.37		7.87	8.10	7.80

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National Championships (Niigata, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 27-Jun-15	time	2.69	3.77	4.82	5.88	6.93	7.97	9.02	10.11	11.22	12.35		13.57	4 / 6			
reaction time 0.159	interval		1.08	1.05	1.06	1.05	1.04	1.05	1.09	1.11	1.13	1.22			3.19	3.14	3.33
wind -0.2 m/s	velocity	4.83	7.87	8.10	8.02	8.10	8.17	8.10	7.80	7.66	7.52	8.61	7.37		7.99	8.12	7.66

Wallace, Sasha (USA) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 20-May-18	time	2.63	3.68	4.74	5.80	6.84	7.91	9.00	10.09	11.21	12.34		13.57	3 / 7			
reaction time 0.141	interval	7 steps	1.05	1.06	1.06	1.04	1.07	1.09	1.09	1.12	1.13	1.23			3.17	3.20	3.34
wind -0.6 m/s	velocity	4.94	8.10	8.02	8.02	8.17	7.94	7.80	7.80	7.59	7.52	8.54	7.37		8.04	7.97	7.63

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 16-Sep-18	time	2.67	3.73	4.80	5.86	6.93	7.98	9.04	10.13	11.25	12.36		13.57	6 / 5			
reaction time	interval		1.06	1.07	1.06	1.07	1.05	1.06	1.09	1.12	1.11	1.21			3.19	3.18	3.32
wind -0.2 m/s	velocity	4.87	8.02	7.94	8.02	7.94	8.10	8.02	7.80	7.59	7.66	8.68	7.37		7.99	8.02	7.68

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.72	3.80	4.87	5.92	6.98	8.02	9.08	10.16	11.24	12.34		13.57	8 / 1			
reaction time 0.195	interval		1.08	1.07	1.05	1.06	1.04	1.06	1.08	1.08	1.10	1.23			3.20	3.16	3.26
wind 0.7 m/s	velocity	4.78	7.87	7.94	8.10	8.02	8.17	8.02	7.87	7.87	7.73	8.54	7.37		7.97	8.07	7.82

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.75	3.83	4.91	5.96	7.00	8.06	9.12	10.19	11.28	12.38		13.57	2 / 5			
reaction time 0.203	interval		1.08	1.08	1.05	1.04	1.06	1.06	1.07	1.09	1.10	1.19			3.21	3.16	3.26
wind 0.2 m/s	velocity	4.73	7.87	7.87	8.10	8.17	8.02	8.02	7.94	7.80	7.73	8.82	7.37		7.94	8.07	7.82

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.70	3.79	4.86	5.92	6.97	8.02	9.09	10.16	11.24	12.33		13.57	3 / 2			
reaction time 0.162	interval		1.09	1.07	1.06	1.05	1.05	1.07	1.07	1.08	1.09	1.24			3.22	3.17	3.24
wind 0.2 m/s	velocity	4.81	7.80	7.94	8.02	8.10	8.10	7.94	7.94	7.87	7.80	8.47	7.37		7.92	8.04	7.87

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.67	3.74	4.78	5.84	6.89	7.96	9.04	10.13	11.21	12.31		13.57	4 / 2			
reaction time 0.146	interval		1.07	1.04	1.06	1.05	1.07	1.08	1.09	1.08	1.10	1.26			3.17	3.20	3.27
wind -0.3 m/s	velocity	4.87	7.94	8.17	8.02	8.10	7.94	7.87	7.80	7.87	7.73	8.33	7.37		8.04	7.97	7.80

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.67	3.74	4.81	5.86	6.91	7.99	9.03	10.13	11.23	12.36		13.57	1 / 6			
reaction time 0.127	interval		1.07	1.07	1.05	1.05	1.08	1.04	1.10	1.10	1.13	1.21			3.19	3.17	3.33
wind 0.0 m/s	velocity	4.87	7.94	7.94	8.10	8.10	7.87	8.17	7.73	7.73	7.52	8.68	7.37		7.99	8.04	7.66

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20	time	2.60	3.73	4.80	5.87	6.90	7.97	9.03	10.10	11.17	12.30		13.57	5 / 4			
reaction time 0.170	interval	7 steps	1.13	1.07	1.07	1.03	1.07	1.06	1.07	1.07	1.13	1.27			3.27	3.16	3.27
wind -0.2 m/s	velocity	5.00	7.52	7.94	7.94	8.25	7.94	8.02	7.94	7.94	7.52	7.91	7.37		7.80	8.07	7.80

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.69	3.76	4.84	5.90	6.97	8.04	9.12	10.22	11.33	12.42		13.57	2 / 5			
reaction time 0.174	interval		1.07	1.08	1.06	1.07	1.07	1.08	1.10	1.11	1.09	1.15	PB		3.21	3.22	3.30
wind -0.4 m/s	velocity	4.83	7.94	7.87	8.02	7.94	7.94	7.87	7.73	7.66	7.80	8.74	7.37		7.94	7.92	7.73

Shimano, Mao (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 09-May-21	time	2.69	3.77	4.82	5.87	6.92	7.97	9.06	10.14	11.23	12.37		13.57	9 / 5			
reaction time 0.141	interval		1.08	1.05	1.05	1.05	1.05	1.09	1.08	1.09	1.14	1.20			3.18	3.19	3.31
wind -0.8 m/s	velocity	4.83	7.87	8.10	8.10	8.10	8.10	7.80	7.87	7.80	7.46	8.37	7.37		8.02	7.99	7.70

Sedney, Zoë (NED) (2001)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	23-May-21	time	2.64	3.72	4.76	5.82	6.90	7.96	9.02	10.10	11.20	12.32		13.57	2 / 6			
reaction time	0.186	interval		1.08	1.04	1.06	1.08	1.06	1.06	1.08	1.10	1.12	1.25			3.18	3.20	3.30
wind	-3.9 m/s	velocity	4.92	7.87	8.17	8.02	7.87	8.02	8.02	7.87	7.73	7.59	8.04	7.37		8.02	7.97	7.73

Seymour, Pedrya (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	23-May-21	time	2.64	3.74	4.84	5.88	6.96	8.00	9.04	10.08	11.18	12.28		13.57	8 / 7			
reaction time	0.191	interval		1.10	1.10	1.04	1.08	1.04	1.04	1.04	1.10	1.10	1.29			3.24	3.16	3.24
wind	-3.9 m/s	velocity	4.92	7.73	7.73	8.17	7.87	8.17	8.17	8.17	7.73	7.73	7.79	7.37		7.87	8.07	7.87

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.58	3.64	4.72	5.76	6.82	7.87	8.95	10.03	11.14	12.26		13.57	8 / 4			
reaction time	0.148	interval		1.06	1.08	1.04	1.06	1.05	1.08	1.08	1.11	1.12	1.31			3.18	3.19	3.31
wind	-0.2 m/s	velocity	5.04	8.02	7.87	8.17	8.02	8.10	7.87	7.87	7.66	7.59	7.67	7.37		8.02	7.99	7.70

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Japanese National Championships (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	27-Jun-21	time	2.64	3.72	4.78	5.83	6.86	7.92	8.98	10.07	11.17	12.30		13.57	9 / 6			
reaction time	0.127	interval		1.08	1.06	1.05	1.03	1.06	1.06	1.09	1.10	1.13	1.27			3.19	3.15	3.32
wind	0.0 m/s	velocity	4.92	7.87	8.02	8.10	8.25	8.02	8.02	7.80	7.73	7.52	7.91	7.37		7.99	8.10	7.68

O'Connor, Kate (IRL) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2024) - Athlete First: 2023 year end hurdle report*

date	19-Aug-23	time	2.76	3.86	4.92	5.95	7.02	8.08	9.14	10.22	11.28	12.38		13.57	7 / 3			
reaction time	0.167	interval		1.10	1.06	1.03	1.07	1.06	1.06	1.08	1.06	1.10	1.19	PB		3.19	3.19	3.24
wind	-1.1 m/s	velocity	4.71	7.73	8.02	8.25	7.94	8.02	8.02	7.87	8.02	7.73	8.45	7.37		7.99	7.99	7.87

Dokter, Sofie (NED) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.58	3.69	4.77	5.82	6.88	7.93	8.99	10.05	11.14	12.23		13.57	2 / 4			
reaction time	0.169	interval		1.11	1.08	1.05	1.06	1.05	1.06	1.06	1.09	1.09	1.34			3.24	3.17	3.24
wind	0.1 m/s	velocity	5.04	7.66	7.87	8.10	8.02	8.10	8.02	8.02	7.80	7.80	7.50	7.37		7.87	8.04	7.87

Dong Jiaxin (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	16-Sep-24	time	2.67	3.75	4.80	5.82	6.87	7.92	8.97	10.06	11.18	12.31		13.57	2 / 7			
reaction time	0.184	interval		1.08	1.05	1.02	1.05	1.05	1.05	1.09	1.12	1.13	1.26			3.15	3.15	3.34
wind	0.6 m/s	velocity	4.87	7.87	8.10	8.33	8.10	8.10	8.10	7.80	7.59	7.52	7.98	7.37		8.10	8.10	7.63

Tebichova, Milena (TCH) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 European Cup (Prague, TCH) *Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.64	3.75	4.80	5.88	6.92	8.00	9.08	10.16	11.28	12.40		13.58	8 / 6			
reaction time		interval		1.11	1.05	1.08	1.04	1.08	1.08	1.08	1.12	1.12	1.18			3.24	3.20	3.32
wind	-0.9m/s	velocity	4.92	7.66	8.10	7.87	8.17	7.87	7.87	7.87	7.59	7.59	8.90	7.36		7.87	7.97	7.68

Kumagai, Fumiko (JPN) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Nambu Chuhei Memorial (Harodate, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	06-Jul-08	time	2.58	3.69	4.77	5.83	6.88	7.93	8.98	10.05	11.14	12.25		13.58	/ 3			
reaction time		interval		1.11	1.08	1.06	1.05	1.05	1.05	1.07	1.09	1.11	1.33			3.25	3.15	3.27
wind	1.8 m/s	velocity	5.04	7.66	7.87	8.02	8.10	8.10	8.10	7.94	7.80	7.66	7.89	7.36		7.85	8.10	7.80

Chernova, Tatyana (RUS) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.73	3.81	4.87	5.90	6.95	8.02	9.09	10.17	11.26	12.38		13.58	7 / 2			
reaction time	0.180	interval		1.08	1.06	1.03	1.05	1.07	1.07	1.08	1.09	1.12	1.20			3.17	3.19	3.29
wind	-0.2 m/s	velocity	4.76	7.87	8.02	8.25	8.10	7.94	7.94	7.87	7.80	7.59	8.75	7.36		8.04	7.99	7.75

Ito, Airi (JPN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Shizuoka International Athletics Meeting (Fukuroi, JPN) *Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*

date	03-May-15	time	2.70	3.79	4.86	5.92	6.96	8.01	9.08	10.18	11.25	12.33		13.58	/ 5			
reaction time		interval		1.09	1.07	1.06	1.04	1.05	1.07	1.10	1.07	1.08	1.25			3.22	3.16	3.25
wind	0.2 m/s	velocity	4.81	7.80	7.94	8.02	8.17	8.10	7.94	7.73	7.94	7.87	8.40	7.36		7.92	8.07	7.85

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *(2017) - tfdata-store.com/2017/05/01/458/*

date	29-Apr-17	time	2.72	3.81	4.87	5.92	6.98	8.06	9.14	10.21	11.29	12.40		13.58	6 / 3			
reaction time		interval		1.09	1.06	1.05	1.06	1.08	1.08	1.07	1.08	1.11	1.18			3.20	3.22	3.26
wind	4.1 m/s	velocity	4.78	7.80	8.02	8.10	8.02	7.87	7.87	7.94	7.87	7.66	8.90	7.36		7.97	7.92	7.82

Horiike, Kaho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *(2017) - tfdata-store.com/2017/05/01/458/*

date	29-Apr-17	time	2.68	3.78	4.86	5.93	7.03	8.11	9.17	10.25	11.33	12.44		13.58	1 / 6			
reaction time		interval		1.10	1.08	1.07	1.10	1.08	1.06	1.08	1.08	1.11	1.14			3.25	3.24	3.27
wind	2.0 m/s	velocity	4.85	7.73	7.87	7.94	7.73	7.87	8.02	7.87	7.87	7.66	9.21	7.36		7.85	7.87	7.80

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 08-Apr-19 time	2.74	3.80	4.86	5.92	6.98	8.02	9.09	10.16	11.26	12.34		13.58	2 / 2			
reaction time 0.227 interval		1.06	1.06	1.06	1.06	1.04	1.07	1.07	1.10	1.08	1.24			3.18	3.17	3.25
wind -1.0 m/s velocity	4.74	8.02	8.02	8.02	8.02	8.17	7.94	7.94	7.73	7.87	8.47	7.36		8.02	8.04	7.85

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.66	3.75	4.82	5.86	6.90	7.93	9.01	10.10	11.18	12.29		13.58	4 / 1			
reaction time 0.158 interval		1.09	1.07	1.04	1.04	1.03	1.08	1.09	1.08	1.11	1.29	PB		3.20	3.15	3.28
wind 1.0 m/s velocity	4.89	7.80	7.94	8.17	8.17	8.25	7.87	7.80	7.87	7.66	8.14	7.36		7.97	8.10	7.77

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.67	3.79	4.85	5.91	6.96	8.00	9.09	10.17	11.27	12.36		13.58	1 / 7			
reaction time 0.197 interval		1.12	1.06	1.06	1.05	1.04	1.09	1.08	1.10	1.09	1.22	PB		3.24	3.18	3.27
wind 0.2 m/s velocity	4.87	7.59	8.02	8.02	8.10	8.17	7.80	7.87	7.73	7.80	8.61	7.36		7.87	8.02	7.80

Onda, Misaki (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm)													*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 06-Oct-19 time	2.68	3.77	4.83	5.88	6.93	8.02	9.08	10.14	11.22	12.32		13.58	7 / 1			
reaction time 0.169 interval		1.09	1.06	1.05	1.05	1.09	1.06	1.06	1.08	1.10	1.26			3.20	3.20	3.24
wind 1.6 m/s velocity	4.85	7.80	8.02	8.10	8.10	7.80	8.02	8.02	7.87	7.73	8.33	7.36		7.97	7.97	7.87

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20 time	2.68	3.78	4.84	5.89	6.93	7.98	9.04	10.11	11.19	12.32		13.58	/ 7			
reaction time	interval		1.10	1.06	1.05	1.04	1.05	1.06	1.07	1.08	1.13	1.26		3.21	3.15	3.28
wind 2.1 m/s	velocity	4.85	7.73	8.02	8.10	8.17	8.10	8.02	7.94	7.87	7.52	7.98	7.36		7.94	8.10	7.77

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Athlete Night Games (Fukui, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 29-Aug-20 time	2.69	3.79	4.86	5.91	6.94	8.00	9.06	10.14	11.22	12.33		13.58	/ 8			
reaction time	interval		1.10	1.07	1.05	1.03	1.06	1.06	1.08	1.08	1.11	1.25		3.22	3.15	3.27
wind 2.1 m/s	velocity	4.83	7.73	7.94	8.10	8.25	8.02	8.02	7.87	7.87	7.66	8.04	7.36		7.92	8.10	7.80

Kanai, Marumi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.70	3.80	4.90	5.98	7.03	8.11	9.20	10.29	11.41	12.54		13.58	8 / 6			
reaction time 0.139 interval		1.10	1.10	1.08	1.05	1.08	1.09	1.09	1.12	1.13	1.04			3.28	3.22	3.34
wind 0.0 m/s velocity	4.81	7.73	7.73	7.87	8.10	7.87	7.80	7.80	7.59	7.52	9.66	7.36		7.77	7.92	7.63

Zheng Ninali (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN)													*CAA Hurdle Development (2021)*			
date 23-May-21 time	2.77	3.85	4.89	5.92	6.95	7.99	9.07	10.15	11.23	12.33		13.58	4 / 3			
reaction time 0.217 interval		1.08	1.04	1.03	1.03	1.04	1.08	1.08	1.08	1.10	1.25			3.15	3.15	3.26
wind -0.5 m/s velocity	4.69	7.87	8.17	8.25	8.25	8.17	7.87	7.87	7.87	7.73	8.04	7.36		8.10	8.10	7.82

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2021 Japanese Multi-Event National Championships (Nagano, JPN)													*Matsubayashi (2021) - 100m hurdles race analysis of heptathletes in the 2021 season*			
date 12-Jun-21 time	2.67	3.73	4.80	5.84	6.91	7.97	9.04	10.12	11.24	12.35		13.58	5 / 2			
reaction time 0.175 interval		1.06	1.07	1.04	1.07	1.06	1.07	1.08	1.12	1.11	1.23			3.17	3.20	3.31
wind 1.4 m/s velocity	4.87	8.02	7.94	8.17	7.94	8.02	7.94	7.87	7.59	7.66	8.17	7.36		8.04	7.97	7.70

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.65	3.75	4.84	5.89	6.96	8.01	9.11	10.19	11.29	12.36		13.58	4 / 4			
reaction time 0.169 interval		1.10	1.09	1.05	1.07	1.05	1.10	1.08	1.10	1.07	1.22	PB		3.24	3.22	3.25
wind -0.3 m/s velocity	4.91	7.73	7.80	8.10	7.94	8.10	7.73	7.87	7.73	7.94	8.24	7.36		7.87	7.92	7.85

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Japanese National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 27-Jun-21 time	2.67	3.74	4.82	5.88	6.94	8.00	9.07	10.15	11.24	12.36		13.58	2 / 7			
reaction time 0.140 interval		1.07	1.08	1.06	1.06	1.06	1.07	1.08	1.09	1.12	1.22			3.21	3.19	3.29
wind 0.0 m/s velocity	4.87	7.94	7.87	8.02	8.02	8.02	7.94	7.87	7.80	7.59	8.24	7.36		7.94	7.99	7.75

Sułek, Adrianna (POL) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.79	3.86	4.92	6.00	7.06	8.07	9.14	10.22	11.27	12.35		13.58	3 / 6			

reaction time	0.182	interval		1.07	1.06	1.08	1.06	1.01	1.07	1.08	1.05	1.08	1.23			3.21	3.14	3.21
wind	0.3 m/s	velocity	4.66	7.94	8.02	7.87	8.02	8.42	7.94	7.87	8.10	7.87	8.17	7.36		7.94	8.12	7.94

Krizsán, Xénia (HUN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21	time	2.66	3.75	4.83	5.86	6.95	7.98	9.02	10.14	11.22	12.34		13.58	8 / 8			
reaction time 0.152	interval		1.09	1.08	1.03	1.09	1.03	1.04	1.12	1.08	1.12	1.24			3.20	3.16	3.32
wind -0.8 m/s	velocity	4.89	7.80	7.87	8.25	7.80	8.25	8.17	7.59	7.87	7.59	8.10	7.36		7.97	8.07	7.68

Katayama, Kokona (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23	time	2.69	3.77	4.83	5.89	6.93	8.00	9.08	10.16	11.26	12.36		13.58	4 / 1			
reaction time 0.178	interval		1.08	1.06	1.06	1.04	1.07	1.08	1.08	1.10	1.10	1.22			3.20	3.19	3.28
wind -1.4 m/s	velocity	4.83	7.87	8.02	8.02	8.17	7.94	7.87	7.87	7.73	7.73	8.24	7.36		7.97	7.99	7.77

Weißenberg, Sophie (GER) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23	time	2.73	3.78	4.87	5.91	6.94	7.98	9.06	10.14	11.24	12.32		13.58	3 / 4			
reaction time 0.182	interval	7 steps	1.05	1.09	1.04	1.03	1.04	1.08	1.08	1.10	1.08	1.26			3.18	3.15	3.26
wind -0.2 m/s	velocity	4.76	8.10	7.80	8.17	8.25	8.17	7.87	7.87	7.73	7.87	7.98	7.36		8.02	8.10	7.82

Fune, Hailey (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 29-Jun-24	time	2.73	3.82	4.89	5.94	6.99	8.04	9.07	10.14	11.21	12.33		13.58	2 / 7			
reaction time	interval		1.09	1.07	1.05	1.05	1.05	1.03	1.07	1.07	1.12	1.25			3.21	3.13	3.26
wind 1.0 m/s	velocity	4.76	7.80	7.94	8.10	8.10	8.10	8.25	7.94	7.94	7.59	8.04	7.36		7.94	8.15	7.82

Humphrey, Jacqueline (USA) (1965)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 29-Sep-88	time	2.67	3.79	4.89	5.96	7.03	8.10	9.16	10.23	11.29	12.39		13.59	1 / 7			
reaction time 0.181	interval		1.12	1.10	1.07	1.07	1.07	1.06	1.07	1.06	1.10	1.20			3.29	3.20	3.23
wind 0.4 m/s	velocity	4.87	7.59	7.73	7.94	7.94	7.94	8.02	7.94	8.02	7.73	8.75	7.36		7.75	7.97	7.89

Kanazawa, Yvonne (JPN) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 IAAF World Cup (Madrid, ESP)													*Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*			
date 21-Sep-02	time	2.65	3.70	4.75	5.78	6.81	7.87	8.94	10.01	11.10	12.25		13.59	6 / 9			
reaction time 0.177	interval		1.05	1.05	1.03	1.03	1.06	1.07	1.07	1.09	1.15	1.34			3.13	3.16	3.31
wind 1.5 m/s	velocity	4.91	8.10	8.10	8.25	8.25	8.02	7.94	7.94	7.80	7.39	7.84	7.36		8.15	8.07	7.70

Lodree, Ashley (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.58	3.67	4.74	5.80	6.87	7.93	9.03	10.09	11.18	12.28		13.59	6 / 3			
reaction time	interval		1.09	1.07	1.06	1.07	1.06	1.10	1.06	1.09	1.10	1.31			3.22	3.23	3.25
wind 2.3 m/s	velocity	5.04	7.80	7.94	8.02	7.94	8.02	7.73	8.02	7.80	7.73	8.02	7.36		7.92	7.89	7.85

Ishino, Mami (JPN) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2008 Japanese National Championships (Kawasaki, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 28-Jun-08	time	2.53	3.63	4.70	5.77	6.82	7.87	8.94	10.01	11.11	12.22		13.59	/ 3			
reaction time	interval		1.10	1.07	1.07	1.05	1.05	1.07	1.07	1.10	1.11	1.37			3.24	3.17	3.28
wind -1.5 m/s	velocity	5.14	7.73	7.94	7.94	8.10	8.10	7.94	7.94	7.73	7.66	7.66	7.36		7.87	8.04	7.77

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 10-May-15	time	2.68	3.75	4.81	5.86	6.90	7.95	9.04	10.13	11.23	12.35		13.59	8 / 7			
reaction time 0.167	interval		1.07	1.06	1.05	1.04	1.05	1.09	1.09	1.10	1.12	1.24			3.18	3.18	3.31
wind 0.9 m/s	velocity	4.85	7.94	8.02	8.10	8.17	8.10	7.80	7.80	7.73	7.59	8.47	7.36		8.02	8.02	7.70

Ito, Airi (JPN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 10-May-15	time	2.74	3.86	4.94	6.00	7.04	8.09	9.15	10.23	11.31	12.40		13.59	1 / 8			
reaction time 0.177	interval		1.12	1.08	1.06	1.04	1.05	1.06	1.08	1.08	1.09	1.19			3.26	3.15	3.25
wind 0.9 m/s	velocity	4.74	7.59	7.87	8.02	8.17	8.10	8.02	7.87	7.87	7.80	8.82	7.36		7.82	8.10	7.85

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese University Championships (Kumagaya, JPN)													*(2016.09.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 04-Sep-16	time	2.73	3.80	4.86	5.91	6.97	8.03	9.09	10.17	11.27	12.39		13.59	9 / 2			
reaction time 0.159	interval		1.07	1.06	1.05	1.06	1.06	1.06	1.08	1.10	1.12	1.20			3.18	3.18	3.30
wind -0.2 m/s	velocity	4.76	7.94	8.02	8.10	8.02	8.02	8.02	7.87	7.73	7.59	8.75	7.36		8.02	8.02	7.73

Fukube, Mako (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese University Championships (Kumagaya, JPN)													*(2016.09.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 04-Sep-16	time	2.72	3.79	4.85	5.91	6.95	8.01	9.08	10.17	11.27	12.39		13.59	5 / 3			
reaction time 0.146	interval		1.07	1.06	1.06	1.04	1.06	1.07	1.09	1.10	1.12	1.20			3.19	3.17	3.31

wind	-0.2 m/s	velocity	4.78	7.94	8.02	8.02	8.17	8.02	7.94	7.80	7.73	7.59	8.75	7.36		7.99	8.04	7.70

Umahara, Satsuki (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese University Championships (Kumagaya, JPN)													*(2016.09.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 04-Sep-16 time	2.69	3.77	4.83	5.90	6.95	8.02	9.09	10.17	11.27	12.39		13.59	7 / 4			
reaction time 0.166 interval		1.08	1.06	1.07	1.05	1.07	1.07	1.08	1.10	1.12	1.20			3.21	3.19	3.30
wind -0.2 m/s velocity	4.83	7.87	8.02	7.94	8.10	7.94	7.94	7.87	7.73	7.59	8.75	7.36		7.94	7.99	7.73

Horiike, Kaho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Division 1 FINAL - 2017 Kanto Collegiate Championships (Yokohama, JPN)													*(2017) - tfdata-store.com/2017/06/08/post-920/*			
date 26-May-17 time	2.72	3.80	4.89	5.93	7.01	8.07	9.13	10.18	11.27	12.37		13.59	6 / 3			
reaction time 0.173 interval		1.08	1.09	1.04	1.08	1.06	1.06	1.05	1.09	1.10	1.22			3.21	3.20	3.24
wind 1.9 m/s velocity	4.78	7.87	7.80	8.17	7.87	8.02	8.02	8.10	7.80	7.73	8.61	7.36		7.94	7.97	7.87

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)													*(2017) - tfdata-store.com/2017/06/04/post-848/*			
date 04-Jun-17 time	2.74	3.81	4.89	5.95	6.99	8.04	9.11	10.18	11.27	12.40		13.59	9 / 5			
reaction time interval		1.07	1.08	1.06	1.04	1.05	1.07	1.07	1.09	1.13	1.19			3.21	3.16	3.29
wind 3.7 m/s velocity	4.74	7.94	7.87	8.02	8.17	8.10	7.94	7.94	7.80	7.52	8.82	7.36		7.94	8.07	7.75

Deng Ru (CHN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Chinese National Games (Tianjin, CHN)													*Henson (2017) - coaching observations*			
date 04-Sep-17 time	2.76	3.85	4.92	5.97	7.00	8.06	9.12	10.19	11.29	12.39		13.59	8 / 5			
reaction time interval		1.09	1.07	1.05	1.03	1.06	1.06	1.07	1.10	1.10	1.20			3.21	3.15	3.27
wind -0.2 m/s velocity	4.71	7.80	7.94	8.10	8.25	8.02	8.02	7.94	7.73	7.73	8.75	7.36		7.94	8.10	7.80

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 24-Jun-18 time	2.73	3.82	4.90	5.97	7.01	8.06	9.13	10.18	11.25	12.36		13.59	8 / 8			
reaction time 0.182 interval		1.09	1.08	1.07	1.04	1.05	1.07	1.05	1.07	1.11	1.23			3.24	3.16	3.23
wind 1.1 m/s velocity	4.76	7.80	7.87	7.94	8.17	8.10	7.94	8.10	7.94	7.66	8.54	7.36		7.87	8.07	7.89

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.66	3.73	4.79	5.84	6.89	7.94	9.01	10.09	11.19	12.30		13.59	3 / 1			
reaction time 0.187 interval		1.07	1.06	1.05	1.05	1.05	1.07	1.08	1.10	1.11	1.29			3.18	3.17	3.29
wind 0.2 m/s velocity	4.89	7.94	8.02	8.10	8.10	8.10	7.94	7.87	7.73	7.66	8.14	7.36		8.02	8.04	7.75

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.70	3.79	4.87	5.91	6.96	8.03	9.10	10.19	11.28	12.38		13.59	4 / 1			
reaction time interval		1.09	1.08	1.04	1.05	1.07	1.07	1.09	1.09	1.10	1.21			3.21	3.19	3.28
wind 1.3 m/s velocity	4.81	7.80	7.87	8.17	8.10	7.94	7.94	7.80	7.80	7.73	8.68	7.36		7.94	7.99	7.77

Valette, Laura (FRA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 23-May-21 time	2.64	3.74	4.80	5.88	6.94	7.98	9.04	10.10	11.20	12.32		13.59	7 / 8			
reaction time 0.142 interval		1.10	1.06	1.08	1.06	1.04	1.06	1.06	1.10	1.12	1.27			3.24	3.16	3.28
wind -3.9 m/s velocity	4.92	7.73	8.02	7.87	8.02	8.17	8.02	8.02	7.73	7.59	7.91	7.36		7.87	8.07	7.77

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.72	3.79	4.85	5.90	6.96	8.02	9.10	10.17	11.28	12.39		13.59	3 / 2			
reaction time 0.190 interval		1.07	1.06	1.05	1.06	1.06	1.08	1.07	1.11	1.11	1.20			3.18	3.20	3.29
wind -1.8 m/s velocity	4.78	7.94	8.02	8.10	8.02	8.02	7.87	7.94	7.66	7.66	8.38	7.36		8.02	7.97	7.75

Iwasa, Mayuko (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 26-Jun-21 time	2.68	3.77	4.83	5.89	6.94	8.00	9.05	10.15	11.26	12.37		13.59	5 / 1			
reaction time 0.140 interval		1.09	1.06	1.06	1.05	1.06	1.05	1.10	1.11	1.11	1.22			3.21	3.16	3.32
wind 0.2 m/s velocity	4.85	7.80	8.02	8.02	8.10	8.02	8.10	7.73	7.66	7.66	8.24	7.36		7.94	8.07	7.68

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Japanese National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 27-Jun-21 time	2.69	3.78	4.88	5.93	6.97	8.02	9.07	10.16	11.26	12.38		13.59	3 / 8			
reaction time 0.139 interval		1.09	1.10	1.05	1.04	1.05	1.05	1.09	1.10	1.12	1.21			3.24	3.14	3.31
wind 0.0 m/s velocity	4.83	7.80	7.73	8.10	8.17	8.10	8.10	7.80	7.73	7.59	8.31	7.36		7.87	8.12	7.70

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21 time	2.69	3.74	4.78	5.81	6.86	7.90	8.94	9.97	11.14	12.26		13.59	2 / 7			
reaction time 0.141 interval		1.05	1.04	1.03	1.05	1.04	1.04	1.03	1.17	1.12	1.33			3.12	3.13	3.32
wind 0.4 m/s velocity	4.83	8.10	8.17	8.25	8.10	8.17	8.17	8.25	7.26	7.59	7.56	7.36		8.17	8.15	7.68

Taninaka, Tennka (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24	time	2.66	3.75	4.80	5.89	6.93	8.02	9.09	10.16	11.27	12.37		13.59	3 / 4			
reaction time 0.159	interval		1.09	1.05	1.09	1.04	1.09	1.07	1.07	1.11	1.10	1.22			3.23	3.20	3.28
wind -0.2 m/s	velocity	4.89	7.80	8.10	7.80	8.17	7.80	7.94	7.94	7.66	7.73	8.24	7.36		7.89	7.97	7.77

Skeete, Lesley-Ann (GBR) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1985 European Junior Championships (Cottbus, GDR)													*Warburton (1985) - 1985 european junior championships - hurdles*			
date 23-Aug-85	time	2.52	3.60	4.67	5.76	6.81	7.90	8.92	9.99	11.07	12.17		13.60	/ 4			
reaction time	interval		1.08	1.07	1.09	1.05	1.09	1.02	1.07	1.08	1.10	1.43			3.24	3.16	3.25
wind 1.5 m/s	velocity	5.16	7.87	7.94	7.80	8.10	7.80	8.33	7.94	7.87	7.73	7.34	7.35		7.87	8.07	7.85

Melnychenko, Hanna (UKR) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.67	3.72	4.81	5.86	6.92	8.01	9.09	10.19	11.29	12.40		13.60	8 / 5			
reaction time 0.138	interval		1.05	1.09	1.05	1.06	1.09	1.08	1.10	1.10	1.11	1.20			3.19	3.23	3.31
wind -0.4 m/s	velocity	4.87	8.10	7.80	8.10	8.02	7.80	7.87	7.73	7.73	7.66	8.75	7.35		7.99	7.89	7.70

Hazel, Louise (GBR) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.70	3.75	4.82	5.89	6.94	8.00	9.07	10.14	11.24	12.39		13.60	6 / 1			
reaction time 0.184	interval		1.05	1.07	1.07	1.05	1.06	1.07	1.07	1.10	1.15	1.21			3.19	3.18	3.32
wind -0.1 m/s	velocity	4.81	8.10	7.94	7.94	8.10	8.02	7.94	7.94	7.73	7.39	8.68	7.35		7.99	8.02	7.68

Westerlund, Elin (SWE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10	time	2.75	3.82	4.87	5.90	6.98	8.03	9.10	10.19	11.30	12.40		13.60	/ 1			
reaction time	interval		1.07	1.05	1.03	1.08	1.05	1.07	1.09	1.11	1.10	1.20			3.15	3.20	3.30
wind -0.2 m/s	velocity	4.73	7.94	8.10	8.25	7.87	8.10	7.94	7.80	7.66	7.73	8.75	7.35		8.10	7.97	7.73

Deng Ru (CHN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Chinese National Championships (Kunshan, CHN)													*Liu (2013) - study of winter training of chinese hurdler Deng Ru for the 12th national games*			
date 24-Sep-12	time	2.36	3.44	4.52	5.60	6.64	7.68	8.76	9.84	10.92	12.04		13.60	/ 7			
reaction time	interval		1.08	1.08	1.08	1.04	1.04	1.08	1.08	1.08	1.12	1.56			3.24	3.16	3.28
wind 1.0 m/s	velocity	5.51	7.87	7.87	7.87	8.17	8.17	7.87	7.87	7.87	7.59	6.73	7.35		7.87	8.07	7.77

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 16-Sep-18	time	2.70	3.76	4.82	5.88	6.94	7.99	9.04	10.11	11.21	12.33		13.60	2 / 6			
reaction time	interval		1.06	1.06	1.06	1.06	1.05	1.05	1.07	1.10	1.12	1.27	PB		3.18	3.16	3.29
wind -0.2 m/s	velocity	4.81	8.02	8.02	8.02	8.02	8.10	8.10	7.94	7.73	7.59	8.27	7.35		8.02	8.07	7.75

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 04-Jun-19	time	2.61	3.69	4.73	5.79	6.85	7.92	9.00	10.11	11.24	12.38		13.60	5 / 4			
reaction time 0.143	interval		1.08	1.04	1.06	1.06	1.07	1.08	1.11	1.13	1.14	1.22			3.18	3.21	3.38
wind -1.2 m/s	velocity	4.98	7.87	8.17	8.02	8.02	7.94	7.87	7.66	7.52	7.46	8.61	7.35		8.02	7.94	7.54

Shynyzbekova, Aygerim (KAZ) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 07-Jun-19	time	2.78	3.85	4.92	5.98	7.05	8.10	9.17	10.22	11.31	12.40		13.60	8 / 5			
reaction time 0.186	interval		1.07	1.07	1.06	1.07	1.05	1.07	1.05	1.09	1.09	1.20			3.20	3.19	3.23
wind 2.3 m/s	velocity	4.68	7.94	7.94	8.02	7.94	8.10	7.94	8.10	7.80	7.80	8.75	7.35		7.97	7.99	7.89

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.72	3.82	4.88	5.92	7.00	8.05	9.12	10.18	11.28	12.38		13.60	3 / 3			
reaction time 0.199	interval		1.10	1.06	1.04	1.08	1.05	1.07	1.06	1.10	1.10	1.22	PB		3.20	3.20	3.26
wind 1.3 m/s	velocity	4.78	7.73	8.02	8.17	7.87	8.10	7.94	8.02	7.73	7.73	8.61	7.35		7.97	7.97	7.82

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.70	3.75	4.80	5.83	6.91	7.96	9.03	10.10	11.22	12.34		13.60	6 / 7			
reaction time 0.185	interval		1.05	1.05	1.03	1.08	1.05	1.07	1.07	1.12	1.12	1.26			3.13	3.20	3.31
wind 0.0 m/s	velocity	4.81	8.10	8.10	8.25	7.87	8.10	7.94	7.94	7.59	7.59	8.33	7.35		8.15	7.97	7.70

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 08-Apr-21	time	2.72	3.82	4.88	5.94	7.00	8.06	9.12	10.20	11.28	12.40		13.60	6 / 3			
reaction time	interval		1.10	1.06	1.06	1.06	1.06	1.06	1.08	1.08	1.12	1.20			3.22	3.18	3.28
wind -0.1 m/s	velocity	4.78	7.73	8.02	8.02	8.02	8.02	8.02	7.87	7.87	7.59	8.38	7.35		7.92	8.02	7.77

Yuxi Lin (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN)													*CAA Hurdle Development (2021)*			
date 23-May-21 time	2.70	3.80	4.87	5.92	6.96	8.03	9.11	10.19	11.29	12.39		13.60	2 / 4			
reaction time 0.242 interval		1.10	1.07	1.05	1.04	1.07	1.08	1.08	1.10	1.10	1.21	PB		3.22	3.19	3.28
wind -0.5 m/s velocity	4.81	7.73	7.94	8.10	8.17	7.94	7.87	7.87	7.73	7.73	8.31	7.35		7.92	7.99	7.77

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN)													*CAA Hurdle Development (2021)*			
date 23-May-21 time	2.77	3.83	4.89	5.94	6.98	8.05	9.12	10.19	11.27	12.37		13.60	6 / 5			
reaction time 0.216 interval		1.06	1.06	1.05	1.04	1.07	1.07	1.07	1.08	1.10	1.23			3.17	3.18	3.25
wind -0.5 m/s velocity	4.69	8.02	8.02	8.10	8.17	7.94	7.94	7.94	7.87	7.73	8.17	7.35		8.04	8.02	7.85

Kerekes, Gréta (HUN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 08-Aug-22 time	2.66	3.73	4.83	5.86	6.93	8.00	9.06	10.13	11.23	12.35		13.60	8 / 7			
reaction time 0.140 interval		1.07	1.10	1.03	1.07	1.07	1.06	1.07	1.10	1.12	1.25			3.20	3.20	3.29
wind 2.4 m/s velocity	4.89	7.94	7.73	8.25	7.94	7.94	8.02	7.94	7.73	7.59	8.04	7.35		7.97	7.97	7.75

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 29-Apr-23 time	2.69	3.80	4.86	5.91	6.95	8.02	9.09	10.17	11.27	12.36		13.60	2 / 7			
reaction time 0.135 interval		1.11	1.06	1.05	1.04	1.07	1.07	1.08	1.10	1.09	1.24			3.22	3.18	3.27
wind 0.6 m/s velocity	4.83	7.66	8.02	8.10	8.17	7.94	7.94	7.87	7.73	7.80	8.10	7.35		7.92	8.02	7.80

Schäfer, Carolin (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.82	3.88	4.93	5.97	7.05	8.08	9.14	10.21	11.32	12.42		13.60	9 / 7			
reaction time 0.151 interval		1.06	1.05	1.04	1.08	1.03	1.06	1.07	1.11	1.10	1.18			3.15	3.17	3.28
wind 0.4 m/s velocity	4.61	8.02	8.10	8.17	7.87	8.25	8.02	7.94	7.66	7.73	8.52	7.35		8.10	8.04	7.77

Kamada, Saki (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.73	3.82	4.88	5.95	7.02	8.07	9.13	10.19	11.29	12.38		13.60	5 / 4			
reaction time 0.220 interval		1.09	1.06	1.07	1.07	1.05	1.06	1.06	1.10	1.09	1.22			3.22	3.18	3.25
wind -0.6 m/s velocity	4.76	7.80	8.02	7.94	7.94	8.10	8.02	8.02	7.73	7.80	8.24	7.35		7.92	8.02	7.85

Gao Yirong (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	2.67	3.76	4.82	5.88	6.92	7.97	9.04	10.11	11.21	12.33		13.60	8 / 2			
reaction time 0.160 interval		1.09	1.06	1.06	1.04	1.05	1.07	1.07	1.10	1.12	1.27			3.21	3.16	3.29
wind -0.4 m/s velocity	4.87	7.80	8.02	8.02	8.17	8.10	7.94	7.94	7.73	7.59	7.91	7.35		7.94	8.07	7.75

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 National Sports Festival (Kitakami, JPN)													*(2016.11.14) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 10-Oct-16 time	2.68	3.76	4.80	5.86	6.91	7.97	9.05	10.14	11.27	12.40		13.61	8 / 4			
reaction time 0.155 interval		1.08	1.04	1.06	1.05	1.06	1.08	1.09	1.13	1.13	1.21			3.18	3.19	3.35
wind 2.8 m/s velocity	4.85	7.87	8.17	8.02	8.10	8.02	7.87	7.80	7.52	7.52	8.68	7.35		8.02	7.99	7.61

Tran Thi Yen Hao (VIE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN)													*CAA Hurdle Development (2019)*			
date 07-Jun-19 time	2.60	3.70	4.78	5.83	6.90	7.94	8.99	10.14	11.27	12.39		13.61	6 / 6			
reaction time 0.165 interval		1.10	1.08	1.05	1.07	1.04	1.05	1.15	1.13	1.12	1.22			3.23	3.16	3.40
wind 2.3 m/s velocity	5.00	7.73	7.87	8.10	7.94	8.17	8.10	7.39	7.52	7.59	8.61	7.35		7.89	8.07	7.50

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.64	3.70	4.74	5.79	6.84	7.88	8.96	10.07	11.18	12.36		13.61	2 / 3			
reaction time 0.155 interval		1.06	1.04	1.05	1.05	1.04	1.08	1.11	1.11	1.18	1.25			3.15	3.17	3.40
wind -0.6 m/s velocity	4.92	8.02	8.17	8.10	8.10	8.17	7.87	7.66	7.66	7.20	8.04	7.35		8.10	8.04	7.50

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.65	3.76	4.85	5.91	6.97	8.03	9.10	10.17	11.27	12.39		13.61	9 / 6			
reaction time 0.158 interval		1.11	1.09	1.06	1.06	1.06	1.07	1.07	1.10	1.12	1.22			3.26	3.19	3.29
wind -0.4 m/s velocity	4.91	7.66	7.80	8.02	8.02	8.02	7.94	7.94	7.73	7.59	8.24	7.35		7.82	7.99	7.75

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 09-May-21 time	2.64	3.73	4.78	5.83	6.89	7.95	9.00	10.11	11.22	12.33		13.61	3 / 6			
reaction time 0.148 interval		1.09	1.05	1.05	1.06	1.06	1.05	1.11	1.11	1.11	1.28			3.19	3.17	3.33
wind -0.8 m/s velocity	4.92	7.80	8.10	8.10	8.02	8.02	8.10	7.66	7.66	7.66	7.85	7.35		7.99	8.04	7.66

Shi Jiali (CHN) (1997)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN) *CAA Hurdle Development (2021)*

date	19-May-21	time	2.71	3.78	4.84	5.90	6.95	8.00	9.06	10.14	11.21	12.34		13.61	6 / 2			
reaction time	0.198	interval		1.07	1.06	1.06	1.05	1.05	1.06	1.08	1.07	1.13	1.27			3.19	3.16	3.28
wind	0.2 m/s	velocity	4.80	7.94	8.02	8.02	8.10	8.10	8.02	7.87	7.94	7.52	7.91	7.35		7.99	8.07	7.77

Dadic, Ivona (AUT) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	04-Aug-21	time	2.66	3.74	4.83	5.87	6.94	8.02	9.06	10.15	11.26	12.39		13.61	7 / 7			
reaction time	0.140	interval	7 steps	1.08	1.09	1.04	1.07	1.08	1.04	1.09	1.11	1.13	1.22			3.21	3.19	3.33
wind	0.3 m/s	velocity	4.89	7.87	7.80	8.17	7.94	7.87	8.17	7.80	7.66	7.52	8.24	7.35		7.94	7.99	7.66

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	03-Jun-23	time	2.74	3.80	4.85	5.89	6.92	7.98	9.04	10.11	11.18	12.38		13.61	5 / 3			
reaction time	0.208	interval		1.06	1.05	1.04	1.03	1.06	1.06	1.07	1.07	1.20	1.23			3.15	3.15	3.34
wind	0.3 m/s	velocity	4.74	8.02	8.10	8.17	8.25	8.02	8.02	7.94	7.94	7.08	8.17	7.35		8.10	8.10	7.63

Lui Lai Yiu (HKG) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN) *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

date	29-Apr-24	time	2.75	3.83	4.86	5.92	6.95	8.00	9.08	10.14	11.24	12.35		13.61	3 / 5			
reaction time	0.186	interval		1.08	1.03	1.06	1.03	1.05	1.08	1.06	1.10	1.11	1.26			3.17	3.16	3.27
wind	-0.6 m/s	velocity	4.73	7.87	8.25	8.02	8.25	8.10	7.87	8.02	7.73	7.66	7.98	7.35		8.04	8.07	7.80

Krizsán, Xénia (HUN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.60	3.71	4.77	5.82	6.86	7.91	8.98	10.04	11.14	12.25		13.61	5 / 5			
reaction time	0.169	interval		1.11	1.06	1.05	1.04	1.05	1.07	1.06	1.10	1.11	1.36			3.22	3.16	3.27
wind	0.1 m/s	velocity	5.00	7.66	8.02	8.10	8.17	8.10	7.94	8.02	7.73	7.66	7.39	7.35		7.92	8.07	7.80

Vanninen, Saga (FIN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.59	3.69	4.74	5.81	6.86	7.91	8.99	10.06	11.15	12.25		13.61	5 / 6			
reaction time	0.160	interval		1.10	1.05	1.07	1.05	1.05	1.08	1.07	1.09	1.10	1.36			3.22	3.18	3.26
wind	0.0 m/s	velocity	5.02	7.73	8.10	7.94	8.10	8.10	7.87	7.94	7.80	7.73	7.39	7.35		7.92	8.02	7.82

Oeser, Jennifer (GER) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.71	3.78	4.84	5.89	6.96	8.09	9.20	10.28	11.38	12.49		13.62	3 / 6			
reaction time	0.137	interval		1.07	1.06	1.05	1.07	1.13	1.11	1.08	1.10	1.11	1.13			3.18	3.31	3.29
wind	-0.4 m/s	velocity	4.80	7.94	8.02	8.10	7.94	7.52	7.66	7.87	7.73	7.66	9.29	7.34		8.02	7.70	7.75

Tuvesson, Emma (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Race 1 - 2011 European Team Championships (Stockholm, SWE) *Blomkvist (2011) - www.sub13.se*

date	19-Jun-11	time	2.68	3.76	4.84	5.90	6.96	8.03	9.10	10.18	11.24	12.32		13.62	/ 5			
reaction time	0.195	interval		1.08	1.08	1.06	1.06	1.07	1.07	1.08	1.06	1.08	1.30			3.22	3.20	3.22
wind	-1.0 m/s	velocity	4.85	7.87	7.87	8.02	8.02	7.94	7.94	7.87	8.02	7.87	8.08	7.34		7.92	7.97	7.92

Sotáková, Jana (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.70	3.80	4.87	5.93	6.99	8.03	9.11	10.19	11.27	12.38		13.62	4 / 1			
reaction time	0.133	interval		1.10	1.07	1.06	1.06	1.04	1.08	1.08	1.08	1.11	1.24			3.23	3.18	3.27
wind	-0.9 m/s	velocity	4.81	7.73	7.94	8.02	8.02	8.17	7.87	7.87	7.87	7.66	8.47	7.34		7.89	8.02	7.80

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	16-Sep-18	time	2.72	3.82	4.86	5.92	6.97	8.04	9.11	10.21	11.33	12.45		13.62	8 / 7			
reaction time		interval		1.10	1.04	1.06	1.05	1.07	1.07	1.10	1.12	1.12	1.17	PB		3.20	3.19	3.34
wind	-0.2 m/s	velocity	4.78	7.73	8.17	8.02	8.10	7.94	7.94	7.73	7.59	7.59	8.97	7.34		7.97	7.99	7.63

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2019) - research on athlete performance and technique- 2019 data book*

date	28-Apr-19	time	2.72	3.80	4.87	5.93	6.97	8.05	9.12	10.20	11.29	12.40		13.62	1 / 7			
reaction time		interval		1.08	1.07	1.06	1.04	1.08	1.07	1.08	1.09	1.11	1.22			3.21	3.19	3.28
wind	0.6 m/s	velocity	4.78	7.87	7.94	8.02	8.17	7.87	7.94	7.87	7.80	7.66	8.61	7.34		7.94	7.99	7.77

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 1st Leg - 2019 IAAF World Relays - Shuttle Hurdle Relay (Yokohama, JPN) *CAA Hurdle Development (2019)*

date	11-May-19	time	2.59	3.65	4.73	5.78	6.84	7.91	9.00	10.09	11.24	12.37		13.62	3 /			
reaction time	0.162	interval		1.06	1.08	1.05	1.06	1.07	1.09	1.09	1.15	1.13	1.25	*(14.93)*		3.19	3.22	3.37
wind	na	velocity	5.02	8.02	7.87	8.10	8.02	7.94	7.80	7.80	7.39	7.52	8.40	7.34	***57.54***	7.99	7.92	7.57

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.64	3.70	4.77	5.79	6.86	7.91	9.01	10.11	11.23	12.36		13.62	5 / 1			
reaction time	0.168	interval		1.06	1.07	1.02	1.07	1.05	1.10	1.10	1.12	1.13	1.26			3.15	3.22	3.35
wind	0.0 m/s	velocity	4.92	8.02	7.94	8.33	7.94	8.10	7.73	7.73	7.59	7.52	8.33	7.34		8.10	7.92	7.61

You Na (CHN) (1993)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date	15-Sep-20	time	2.71	3.80	4.84	5.88	6.97	8.04	9.12	10.23	11.30	12.42		13.62	4 / 4			
reaction time	0.147	interval		1.09	1.04	1.04	1.09	1.07	1.08	1.11	1.07	1.12	1.20			3.17	3.24	3.30
wind	-0.6 m/s	velocity	4.80	7.80	8.17	8.17	7.80	7.94	7.87	7.66	7.94	7.59	8.38	7.34		8.04	7.87	7.73

You Na (CHN) (1993)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date	24-Apr-21	time	2.68	3.83	4.90	5.98	7.05	8.12	9.18	10.26	11.34	12.42		13.62	4 / 5			
reaction time	0.157	interval		1.15	1.07	1.08	1.07	1.07	1.06	1.08	1.08	1.08	1.20			3.30	3.20	3.24
wind	-0.8 m/s	velocity	4.85	7.39	7.94	7.87	7.94	7.94	8.02	7.87	7.87	7.87	8.38	7.34		7.73	7.97	7.87

Yu Jiaru (CHN) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date	24-Apr-21	time	2.70	3.80	4.87	5.94	7.00	8.06	9.14	10.23	11.31	12.42		13.62	8 / 6			
reaction time	0.243	interval		1.10	1.07	1.07	1.06	1.06	1.08	1.09	1.08	1.11	1.20			3.24	3.20	3.28
wind	-0.8 m/s	velocity	4.81	7.73	7.94	7.94	8.02	8.02	7.87	7.80	7.87	7.66	8.38	7.34		7.87	7.97	7.77

Nakajima, Hitomi (JPN) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date	01-May-22	time	2.67	3.74	4.80	5.85	6.92	7.98	9.07	10.15	11.26	12.38		13.62	6 / 6			
reaction time	0.135	interval		1.07	1.06	1.05	1.07	1.06	1.09	1.08	1.11	1.12	1.24			3.18	3.22	3.31
wind	-0.6 m/s	velocity	4.87	7.94	8.02	8.10	7.94	8.02	7.80	7.87	7.66	7.59	8.10	7.34		8.02	7.92	7.70

Lazraq-Khlass, Auriana (FRA) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date	19-Aug-23	time	2.70	3.75	4.80	5.88	6.90	7.95	9.08	10.15	11.28	12.38		13.62	4 / 5			
reaction time	0.156	interval		1.05	1.05	1.08	1.02	1.05	1.13	1.07	1.13	1.10	1.24			3.18	3.20	3.30
wind	-0.2 m/s	velocity	4.81	8.10	8.10	7.87	8.33	8.10	7.52	7.94	7.52	7.73	8.10	7.34		8.02	7.97	7.73

Vanninen, Saga (FIN) (2003)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date	19-Aug-23	time	2.68	3.75	4.84	5.89	6.95	8.02	9.08	10.20	11.28	12.42		13.62	2 / 8			
reaction time	0.161	interval		1.07	1.09	1.05	1.06	1.07	1.06	1.12	1.08	1.14	1.20			3.21	3.19	3.34
wind	0.4 m/s	velocity	4.85	7.94	7.80	8.10	8.02	7.94	8.02	7.59	7.87	7.46	8.38	7.34		7.94	7.99	7.63

Dong Jiaxin (CHN) (2004)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	2.69	3.76	4.80	5.84	6.88	7.94	9.02	10.10	11.22	12.35		13.62	3 / 2			
reaction time	0.162	interval		1.07	1.04	1.04	1.04	1.06	1.08	1.08	1.12	1.13	1.27			3.15	3.18	3.33
wind	0.0 m/s	velocity	4.83	7.94	8.17	8.17	8.17	8.02	7.87	7.87	7.59	7.52	7.91	7.34		8.10	8.02	7.66

West, Tori (AUS) (1995)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	2.52	3.65	4.73	5.80	6.86	7.91	8.98	10.06	11.15	12.26		13.62	8 / 6			
reaction time	0.112	interval		1.13	1.08	1.07	1.06	1.05	1.07	1.08	1.09	1.11	1.36	PB		3.28	3.18	3.28
wind	0.1 m/s	velocity	5.16	7.52	7.87	7.94	8.02	8.10	7.94	7.87	7.80	7.66	7.39	7.34		7.77	8.02	7.77

Fujiwara, Miku (JPN) (1992)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date	29-Apr-16	time	2.72	3.83	4.93	6.02	7.09	8.17	9.23	10.31	11.37	12.45		13.63	2 / 4			
reaction time		interval		1.11	1.10	1.09	1.07	1.08	1.06	1.08	1.06	1.08	1.18			3.30	3.21	3.22
wind	1.1 m/s	velocity	4.78	7.66	7.73	7.80	7.94	7.87	8.02	7.87	8.02	7.87	8.90	7.34		7.73	7.94	7.92

Chen Jiamin (CHN) (1996)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date	15-Sep-18	time	2.74	3.80	4.86	5.92	6.97	8.03	9.11	10.18	11.28	12.40		13.63	5 / 1			
reaction time		interval		1.06	1.06	1.06	1.05	1.06	1.08	1.07	1.10	1.12	1.23			3.18	3.19	3.29
wind	-0.6 m/s	velocity	4.74	8.02	8.02	8.02	8.10	8.02	7.87	7.94	7.73	7.59	8.54	7.34		8.02	7.99	7.75

Nakao, Ayumi (JPN)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date	08-Oct-18	time	2.70	3.82	4.90	5.98	7.05	8.12	9.19	10.25	11.33	12.44		13.63	7 / 4			
reaction time	0.134	interval		1.12	1.08	1.08	1.07	1.07	1.07	1.06	1.08	1.11	1.19			3.28	3.21	3.25
wind	2.5 m/s	velocity	4.81	7.59	7.87	7.87	7.94	7.94	7.94	8.02	7.87	7.66	8.82	7.34		7.77	7.94	7.85

Yu Jiaru (CHN) (1999)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date	08-Apr-19	time	2.78	3.85	4.92	5.99	7.03	8.09	9.17	10.24	11.30	12.41		13.63	8 / 2			

reaction time	0.207	interval		1.07	1.07	1.07	1.04	1.06	1.08	1.07	1.06	1.11	1.22			3.21	3.18	3.24
wind	1.0 m/s	velocity	4.68	7.94	7.94	7.94	8.17	8.02	7.87	7.94	8.02	7.66	8.61	7.34		7.94	8.02	7.87

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 09-Apr-19 time	2.78	3.86	4.92	5.97	7.02	8.06	9.11	10.20	11.28	12.38		13.63	5 / 3			
reaction time 0.217 interval		1.08	1.06	1.05	1.05	1.04	1.05	1.09	1.08	1.10	1.25			3.19	3.14	3.27
wind 0.1 m/s velocity	4.68	7.87	8.02	8.10	8.10	8.17	8.10	7.80	7.87	7.73	8.40	7.34		7.99	8.12	7.80

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 3rd Leg - 2019 IAAF World Relays - Shuttle Hurdle Relay (Yokohama, JPN)													*CAA Hurdle Development (2019)*			
date 11-May-19 time	2.65	3.75	4.82	5.88	6.97	8.04	9.12	10.19	11.28	12.41		13.63	3 /			
reaction time interval		1.10	1.07	1.06	1.09	1.07	1.08	1.07	1.09	1.13	1.22	*(14.84)*		3.23	3.24	3.29
wind na velocity	4.91	7.73	7.94	8.02	7.80	7.94	7.87	7.94	7.80	7.52	8.61	7.34	***57.54***	7.89	7.87	7.75

Kanai, Marumi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 24-Oct-20 time	2.64	3.74	4.81	5.88	6.97	8.07	9.17	10.27	11.37	12.47		13.63	5 / 4			
reaction time interval		1.10	1.07	1.07	1.09	1.10	1.10	1.10	1.10	1.10	1.16			3.24	3.29	3.30
wind -1.4 m/s velocity	4.92	7.73	7.94	7.94	7.80	7.73	7.73	7.73	7.73	7.73	8.66	7.34		7.87	7.75	7.73

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21 time	2.69	3.80	4.90	5.95	7.02	8.07	9.16	10.23	11.31	12.40		13.63	3 / 7			
reaction time 0.178 interval		1.11	1.10	1.05	1.07	1.05	1.09	1.07	1.08	1.09	1.23			3.26	3.21	3.24
wind -0.8 m/s velocity	4.83	7.66	7.73	8.10	7.94	8.10	7.80	7.94	7.87	7.80	8.17	7.34		7.82	7.94	7.87

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 09-May-21 time	2.65	3.76	4.81	5.86	6.90	7.96	9.02	10.10	11.18	12.27		13.63	7 / 7			
reaction time 0.138 interval		1.11	1.05	1.05	1.04	1.06	1.06	1.08	1.08	1.09	1.36			3.21	3.16	3.25
wind -0.8 m/s velocity	4.91	7.66	8.10	8.10	8.17	8.02	8.02	7.87	7.87	7.80	7.39	7.34		7.94	8.07	7.85

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.70	3.84	4.89	5.95	7.01	8.07	9.14	10.21	11.30	12.39		13.63	4 / 3			
reaction time 0.175 interval		1.14	1.05	1.06	1.06	1.06	1.07	1.07	1.09	1.09	1.24			3.25	3.19	3.25
wind -1.8 m/s velocity	4.81	7.46	8.10	8.02	8.02	8.02	7.94	7.94	7.80	7.80	8.10	7.34		7.85	7.99	7.85

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.74	3.84	4.91	5.96	7.02	8.07	9.14	10.21	11.31	12.40		13.63	5 / 1			
reaction time 0.162 interval		1.10	1.07	1.05	1.06	1.05	1.07	1.07	1.10	1.09	1.23			3.22	3.18	3.26
wind 0.3 m/s velocity	4.74	7.73	7.94	8.10	8.02	8.10	7.94	7.94	7.73	7.80	8.17	7.34		7.92	8.02	7.82

Wei Yuhui (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23 time	2.72	3.80	4.88	5.91	6.96	8.01	9.06	10.14	11.26	12.38		13.63	3 / 4			
reaction time 0.222 interval		1.08	1.08	1.03	1.05	1.05	1.05	1.08	1.12	1.12	1.25			3.19	3.15	3.32
wind 0.3 m/s velocity	4.78	7.87	7.87	8.25	8.10	8.10	8.10	7.87	7.59	7.59	8.04	7.34		7.99	8.10	7.68

Nemes, Rita (HUN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.70	3.76	4.82	5.88	6.92	7.98	9.08	10.14	11.25	12.35		13.63	8 / 6			
reaction time 0.162 interval		1.06	1.06	1.06	1.04	1.06	1.10	1.06	1.11	1.10	1.28			3.18	3.20	3.27
wind -0.2 m/s velocity	4.81	8.02	8.02	8.02	8.17	8.02	7.73	8.02	7.66	7.73	7.85	7.34		8.02	7.97	7.80

Lebedeva, Natalya (URS) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1975 International "Pravda" Sportfest (Sotschi, URS)													*Artyschenko (1977) - zwischen den hürden geht es um die sekunde, teil 2*			
date 29-May-75 time	2.4	3.6	4.7	5.8	6.9	7.9	9.0	10.0	11.1	12.1		13.4	/ 2			
reaction time interval		1.27	1.11	1.09	1.04	1.06	1.03	1.05	1.05	1.01	1.31			3.47	3.13	3.11
wind ?? velocity	5.51	6.69	7.66	7.80	8.17	8.02	8.25	8.10	8.10	8.42	8.02	7.47		7.35	8.15	8.20

Yosypenko, Lyudmyla (UKR) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time	2.76	3.86	4.92	5.98	7.04	8.13	9.21	10.29	11.40	12.50		13.64	3 / 3			
reaction time 0.169 interval		1.10	1.06	1.06	1.06	1.09	1.08	1.08	1.11	1.10	1.14	PB		3.22	3.23	3.29
wind -0.2 m/s velocity	4.71	7.73	8.02	8.02	8.02	7.80	7.87	7.87	7.66	7.73	9.21	7.33		7.92	7.89	7.75

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)													*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-16 time	2.71	3.82	4.90	5.97	7.02	8.09	9.16	10.23	11.34	12.42		13.64	4 / 2			
reaction time 0.153 interval		1.11	1.08	1.07	1.05	1.07	1.07	1.07	1.11	1.08	1.22	PB		3.26	3.19	3.26

wind	1.5 m/s	velocity	4.80	7.66	7.87	7.94	8.10	7.94	7.94	7.94	7.66	7.87	8.61	7.33		7.82	7.99	7.82

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Kanto Student Championships (Sagamihara, JPN)													*(2016.09.17) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 17-Sep-16 time	2.71	3.81	4.88	5.94	6.99	8.05	9.12	10.22	11.32	12.42		13.64	5 / 1			
reaction time interval		1.10	1.07	1.06	1.05	1.06	1.07	1.10	1.10	1.10	1.22			3.23	3.18	3.30
wind 3.2 m/s velocity	4.80	7.73	7.94	8.02	8.10	8.02	7.94	7.73	7.73	7.73	8.61	7.33		7.89	8.02	7.73

Ono, Yui (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.10.21) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.68	3.76	4.83	5.89	6.94	8.02	9.09	10.18	11.27	12.40		13.64	3 / 1			
reaction time interval		1.08	1.07	1.06	1.05	1.08	1.07	1.09	1.09	1.13	1.24			3.21	3.20	3.31
wind 1.2 m/s velocity	4.85	7.87	7.94	8.02	8.10	7.87	7.94	7.80	7.80	7.52	8.47	7.33		7.94	7.97	7.70

Adachi, Karen (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)													*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-18 time	2.71	3.80	4.87	5.92	6.99	8.07	9.15	10.23	11.32	12.44		13.64	4 / 2			
reaction time interval		1.09	1.07	1.05	1.07	1.08	1.08	1.08	1.09	1.12	1.20	PB		3.21	3.23	3.29
wind -0.3 m/s velocity	4.80	7.80	7.94	8.10	7.94	7.87	7.87	7.87	7.80	7.59	8.75	7.33		7.94	7.89	7.75

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.68	3.76	4.84	5.89	6.96	8.03	9.09	10.19	11.28	12.41		13.64	2 / 2			
reaction time interval		1.08	1.08	1.05	1.07	1.07	1.06	1.10	1.09	1.13	1.23			3.21	3.20	3.32
wind -0.6 m/s velocity	4.85	7.87	7.87	8.10	7.94	7.94	8.02	7.73	7.80	7.52	8.54	7.33		7.94	7.97	7.68

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.72	3.80	4.89	5.94	7.01	8.06	9.14	10.24	11.35	12.46		13.64	6 / 3			
reaction time interval		1.08	1.09	1.05	1.07	1.05	1.08	1.10	1.11	1.11	1.18	PB		3.22	3.20	3.32
wind -0.6 m/s velocity	4.78	7.87	7.80	8.10	7.94	8.10	7.87	7.73	7.66	7.66	8.90	7.33		7.92	7.97	7.68

Adachi, Karen (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.75	3.82	4.89	5.96	7.02	8.07	9.14	10.24	11.33	12.45		13.64	6 / 5			
reaction time 0.145 interval		1.07	1.07	1.07	1.06	1.05	1.07	1.10	1.09	1.12	1.19	=PB		3.21	3.18	3.31
wind 2.5 m/s velocity	4.73	7.94	7.94	7.94	8.02	8.10	7.94	7.73	7.80	7.59	8.82	7.33		7.94	8.02	7.70

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)													*CAA Hurdle Development (2019)*			
date 30-May-19 time	2.68	3.75	4.80	5.88	6.92	8.04	9.12	10.21	11.31	12.43		13.64	7 / 3			
reaction time 0.180 interval		1.07	1.05	1.08	1.04	1.12	1.08	1.09	1.10	1.12	1.21			3.20	3.24	3.31
wind -0.1 m/s velocity	4.85	7.94	8.10	7.87	8.17	7.59	7.87	7.80	7.73	7.59	8.68	7.33		7.97	7.87	7.70

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.72	3.80	4.86	5.91	6.96	8.03	9.08	10.18	11.26	12.40		13.64	7 / 2			
reaction time 0.220 interval		1.08	1.06	1.05	1.05	1.07	1.05	1.10	1.08	1.14	1.24			3.19	3.17	3.32
wind 0.5 m/s velocity	4.78	7.87	8.02	8.10	8.10	7.94	8.10	7.73	7.87	7.46	8.47	7.33		7.99	8.04	7.68

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 24-Aug-19 time	2.70	3.77	4.81	5.83	6.87	7.93	9.11	10.21	11.30	12.43		13.64	6 / 5			
reaction time 0.176 interval		1.07	1.04	1.02	1.04	1.06	1.18	1.10	1.09	1.13	1.21			3.13	3.28	3.32
wind -0.1 m/s velocity	4.81	7.94	8.17	8.33	8.17	8.02	7.20	7.73	7.80	7.52	8.68	7.33		8.15	7.77	7.68

Barber, Kaila (USA) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 The Match - Europe v USA (Minsk, BLR) (TV Analysis)													*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date 10-Sep-19 time	2.58	3.66	4.80	5.86	6.93	8.00	9.06	10.15	11.20	12.30		13.64	9 / 8			
reaction time 0.192 interval		1.08	1.14	1.06	1.07	1.07	1.06	1.09	1.05	1.10	1.34			3.28	3.20	3.24
wind 0.1 m/s velocity	5.04	7.87	7.46	8.02	7.94	7.94	8.02	7.80	8.10	7.73	7.84	7.33		7.77	7.97	7.87

Tomicic Prezelj, Joni (SLO) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20 time	2.67	3.73	4.80	5.87	6.93	7.97	9.07	10.13	11.23	12.33		13.64	8 / 5			
reaction time 0.147 interval		1.06	1.07	1.07	1.06	1.04	1.10	1.06	1.10	1.10	1.31			3.20	3.20	3.26
wind -0.2 m/s velocity	4.87	8.02	7.94	7.94	8.02	8.17	7.73	8.02	7.73	7.73	7.67	7.33		7.97	7.97	7.82

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.69	3.76	4.82	5.89	6.95	8.03	9.11	10.23	11.34	12.46		13.64	4 / 3			
reaction time 0.172 interval		1.07	1.06	1.07	1.06	1.08	1.08	1.12	1.11	1.12	1.18			3.20	3.22	3.35
wind 0.3 m/s velocity	4.83	7.94	8.02	7.94	8.02	7.87	7.87	7.59	7.66	7.59	8.52	7.33		7.97	7.92	7.61

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.72	3.80	4.87	5.94	6.97	8.01	9.08	10.14	11.25	12.38		13.64	6 / 5			
reaction time 0.199 interval		1.08	1.07	1.07	1.03	1.04	1.07	1.06	1.11	1.13	1.26			3.22	3.14	3.30
wind 0.1 m/s velocity	4.78	7.87	7.94	7.94	8.25	8.17	7.94	8.02	7.66	7.52	7.98	7.33		7.92	8.12	7.73

Takami, Towa (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)													*Shibayama (2021) - national high school and U20 national championhsips*			
date 01-Aug-21 time	2.66	3.72	4.78	5.84	6.94	8.02	9.11	10.21	11.33	12.44		13.64	1 / 3			
reaction time 0.158 interval		1.06	1.06	1.06	1.10	1.08	1.09	1.10	1.12	1.11	1.20	PB		3.18	3.27	3.33
wind 1.8 m/s velocity	4.89	8.02	8.02	8.02	7.73	7.87	7.80	7.73	7.59	7.66	8.37	7.33		8.02	7.80	7.66

Kodera, Saki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24 time	2.68	3.77	4.83	5.89	6.92	7.98	9.05	10.14	11.27	12.38		13.64	6 / 5			
reaction time 0.196 interval		1.09	1.06	1.06	1.03	1.06	1.07	1.09	1.13	1.11	1.26	PB		3.21	3.16	3.33
wind -0.2 m/s velocity	4.85	7.80	8.02	8.02	8.25	8.02	7.94	7.80	7.52	7.66	7.98	7.33		7.94	8.07	7.66

James, Tiki (USA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.58	3.70	4.74	5.81	6.89	7.96	9.04	10.13	11.20	12.31		13.65	9 / 4			
reaction time interval		1.12	1.04	1.07	1.08	1.07	1.08	1.09	1.07	1.11	1.34			3.23	3.23	3.27
wind 2.3 m/s velocity	5.04	7.59	8.17	7.94	7.87	7.94	7.87	7.80	7.94	7.66	7.84	7.33		7.89	7.89	7.80

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Shizuoka International Athletics Meeting (Fukuroi, JPN)													*Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions*			
date 03-May-15 time	2.65	3.76	4.85	5.90	6.95	8.00	9.08	10.18	11.30	12.42		13.65	/ 6			
reaction time interval		1.11	1.09	1.05	1.05	1.05	1.08	1.10	1.12	1.12	1.23			3.25	3.18	3.34
wind 0.2 m/s velocity	4.91	7.66	7.80	8.10	8.10	8.10	7.87	7.73	7.59	7.59	8.54	7.33		7.85	8.02	7.63

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National Championships (Nagoya, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 26-Jun-16 time	2.71	3.80	4.87	5.91	6.97	8.02	9.09	10.17	11.26	12.40		13.65	1 / 8			
reaction time 0.158 interval		1.09	1.07	1.04	1.06	1.05	1.07	1.08	1.09	1.14	1.25			3.20	3.18	3.31
wind 2.1 m/s velocity	4.80	7.80	7.94	8.17	8.02	8.10	7.94	7.87	7.80	7.46	8.40	7.33		7.97	8.02	7.70

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.10.22) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.67	3.76	4.86	5.91	6.98	8.05	9.13	10.20	11.27	12.39		13.65	4 / 1			
reaction time interval		1.09	1.10	1.05	1.07	1.07	1.08	1.07	1.07	1.12	1.26			3.24	3.22	3.26
wind 0.9 m/s velocity	4.87	7.80	7.73	8.10	7.94	7.94	7.87	7.94	7.94	7.59	8.33	7.33		7.87	7.92	7.82

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2017 Mito Invitational (Mito, JPN)													*(2017) - tfdata-store.com/2017/05/06/post-423/*			
date 05-May-17 time	2.66	3.76	4.83	5.89	6.96	8.03	9.12	10.21	11.31	12.43		13.65	5 / 1			
reaction time interval		1.10	1.07	1.06	1.07	1.07	1.09	1.09	1.10	1.12	1.22			3.23	3.23	3.31
wind -2.7 m/s velocity	4.89	7.73	7.94	8.02	7.94	7.94	7.80	7.80	7.73	7.59	8.61	7.33		7.89	7.89	7.70

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.75	3.85	4.94	6.01	7.07	8.14	9.21	10.29	11.40	12.48		13.65	7 / 3			
reaction time interval		1.10	1.09	1.07	1.06	1.07	1.07	1.08	1.11	1.08	1.17			3.26	3.20	3.27
wind 0.0 m/s velocity	4.73	7.73	7.80	7.94	8.02	7.94	7.94	7.87	7.66	7.87	8.97	7.33		7.82	7.97	7.80

Shishido, Riko (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.66	3.74	4.83	5.92	6.97	8.02	9.10	10.19	11.26	12.38		13.65	8 / 6			
reaction time 0.173 interval		1.08	1.09	1.09	1.05	1.05	1.08	1.09	1.07	1.12	1.27			3.26	3.18	3.28
wind 2.5 m/s velocity	4.89	7.87	7.80	7.80	8.10	8.10	7.87	7.80	7.94	7.59	8.27	7.33		7.82	8.02	7.77

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.70	3.78	4.85	5.91	6.97	8.03	9.11	10.20	12.29	12.41		13.65	5 / 8			
reaction time interval	7 steps	1.08	1.07	1.06	1.06	1.06	1.08	1.09	2.09	0.12	1.24			3.21	3.20	3.30
wind 0.6 m/s velocity	4.81	7.87	7.94	8.02	8.02	8.02	7.87	7.80	4.07	70.83	8.47	7.33		7.94	7.97	7.73

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)													*CAA Hurdle Development (2019)*			
date 30-May-19 time	2.68	3.80	4.85	5.90	6.96	8.04	9.14	10.22	11.32	12.46		13.65	6 / 4			
reaction time 0.168 interval		1.12	1.05	1.05	1.06	1.08	1.10	1.08	1.10	1.14	1.19			3.22	3.24	3.32
wind -0.1 m/s velocity	4.85	7.59	8.10	8.10	8.02	7.87	7.73	7.87	7.73	7.46	8.82	7.33		7.92	7.87	7.68

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.72	3.78	4.82	5.86	6.92	7.98	9.06	10.15	11.25	12.36		13.65	6 / 1			
reaction time 0.179 interval		1.06	1.04	1.04	1.06	1.06	1.08	1.09	1.10	1.11	1.29			3.14	3.20	3.30
wind 0.7 m/s velocity	4.78	8.02	8.17	8.17	8.02	8.02	7.87	7.80	7.73	7.66	8.14	7.33		8.12	7.97	7.73

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19 time	2.72	3.82	4.91	5.97	7.02	8.07	9.13	10.23	11.31	12.49		13.65	1 / 3			
reaction time 0.175 interval		1.10	1.09	1.06	1.05	1.05	1.06	1.10	1.08	1.18	1.16			3.25	3.16	3.36
wind 0.2 m/s velocity	4.78	7.73	7.80	8.02	8.10	8.10	8.02	7.73	7.87	7.20	9.05	7.33		7.85	8.07	7.59

Asagi, Tsukiha (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm)													*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 06-Oct-19 time	2.68	3.76	4.83	5.90	6.98	8.03	9.10	10.18	11.26	12.38		13.65	4 / 2			
reaction time 0.137 interval		1.08	1.07	1.07	1.08	1.05	1.07	1.08	1.08	1.12	1.27			3.22	3.20	3.28
wind 1.6 m/s velocity	4.85	7.87	7.94	7.94	7.87	8.10	7.94	7.87	7.87	7.59	8.27	7.33		7.92	7.97	7.77

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 24-Oct-20 time	2.63	3.70	4.75	5.79	6.82	7.87	8.92	9.99	11.04	12.11		13.65	8 / 5			
reaction time interval		1.07	1.05	1.04	1.03	1.05	1.05	1.07	1.05	1.07	1.54			3.16	3.13	3.19
wind -1.4 m/s velocity	4.94	7.94	8.10	8.17	8.25	8.10	8.10	7.94	8.10	7.94	6.53	7.33		8.07	8.15	7.99

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.67	3.75	4.80	5.87	6.94	7.99	9.06	10.13	11.28	12.41		13.65	3 / 3			
reaction time 0.173 interval		1.08	1.05	1.07	1.07	1.05	1.07	1.07	1.15	1.13	1.24			3.20	3.19	3.35
wind -1.6 m/s velocity	4.87	7.87	8.10	7.94	7.94	8.10	7.94	7.94	7.39	7.52	8.10	7.33		7.97	7.99	7.61

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21 time	2.72	3.78	4.85	5.92	6.99	8.07	9.16	10.24	11.36	12.46		13.65	4 / 4			
reaction time 0.186 interval		1.06	1.07	1.07	1.07	1.08	1.09	1.08	1.12	1.10	1.19			3.20	3.24	3.30
wind -1.6 m/s velocity	4.78	8.02	7.94	7.94	7.94	7.87	7.80	7.87	7.59	7.73	8.45	7.33		7.97	7.87	7.73

Mayr, Verena (AUT) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 04-Aug-21 time	2.75	3.83	4.87	5.92	6.99	8.06	9.11	10.22	11.31	12.43		13.65	4 / 8			
reaction time 0.149 interval		1.08	1.04	1.05	1.07	1.07	1.05	1.11	1.09	1.12	1.22			3.17	3.19	3.32
wind 0.3 m/s velocity	4.73	7.87	8.17	8.10	7.94	7.94	8.10	7.66	7.80	7.59	8.24	7.33		8.04	7.99	7.68

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.72	3.81	4.87	5.93	6.98	8.04	9.13	10.26	11.37	12.50		13.65	6 / 2			
reaction time 0.164 interval		1.09	1.06	1.06	1.05	1.06	1.09	1.13	1.11	1.13	1.15			3.21	3.20	3.37
wind 0.3 m/s velocity	4.78	7.80	8.02	8.02	8.10	8.02	7.80	7.52	7.66	7.52	8.74	7.33		7.94	7.97	7.57

Conte, Claudia (ESP) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2022 year end hurdle report*			
date 17-Jul-22 time	2.76	3.83	4.92	5.98	7.03	8.07	9.15	10.21	11.27	12.40		13.65	5 / 6			
reaction time 0.136 interval		1.07	1.09	1.06	1.05	1.04	1.08	1.06	1.06	1.13	1.25	**PB**		3.22	3.17	3.25
wind 1.4 m/s velocity	4.71	7.94	7.80	8.02	8.10	8.17	7.87	8.02	8.02	7.52	8.04	7.33		7.92	8.04	7.85

Hayashi, Miki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22 time	2.62	3.71	4.78	5.84	6.90	7.96	9.03	10.14	11.24	12.40		13.65	4 / 1			
reaction time 0.125 interval		1.09	1.07	1.06	1.06	1.06	1.07	1.11	1.10	1.16	1.25			3.22	3.19	3.37
wind -1.5 m/s velocity	4.96	7.80	7.94	8.02	8.02	8.02	7.94	7.66	7.73	7.33	8.04	7.33		7.92	7.99	7.57

Araujo, Martha (COL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.68	3.72	4.78	5.85	6.88	7.95	8.98	10.08	11.18	12.32		13.65	9 / 7			
reaction time 0.171 interval		1.04	1.06	1.07	1.03	1.07	1.03	1.10	1.10	1.14	1.33			3.17	3.13	3.34
wind -0.2 m/s velocity	4.85	8.17	8.02	7.94	8.25	7.94	8.25	7.73	7.73	7.46	7.56	7.33		8.04	8.15	7.63

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date 30-Jun-24 time	2.73	3.85	4.93	6.01	7.07	8.16	9.22	10.29	11.36	12.46		13.65	2 / 7			
reaction time 0.179 interval		1.12	1.08	1.08	1.06	1.09	1.06	1.07	1.07	1.10	1.19			3.28	3.21	3.24
wind 0.2 m/s velocity	4.76	7.59	7.87	7.87	8.02	7.80	8.02	7.94	7.94	7.73	8.45	7.33		7.77	7.94	7.87

Skeete, Lesley-Ann (GBR) (1967)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 European Cup (Prague, TCH) *Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.68	3.80	4.88	5.96	7.02	8.08	9.20	10.27	11.39	12.52		13.66	2 / 7			
reaction time		interval		1.12	1.08	1.08	1.06	1.06	1.12	1.07	1.12	1.13	1.14			3.28	3.24	3.32
wind	-0.9m/s	velocity	4.85	7.59	7.87	7.87	8.02	8.02	7.59	7.94	7.59	7.52	9.21	7.32		7.77	7.87	7.68

Nastase, Liliana (ROU) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1997 European Cup (Munich, GER) *Jung (2003) - http://www.fgs.uni-halle.de*

date	22-Jun-97	time	2.67	3.75	4.83	5.87	6.90	7.95	9.03	10.11	11.23	12.39		13.66	/ 6			
reaction time		interval		1.08	1.08	1.04	1.03	1.05	1.08	1.08	1.12	1.16	1.27			3.20	3.16	3.36
wind	0.7 m/s	velocity	4.87	7.87	7.87	8.17	8.25	8.10	7.87	7.87	7.59	7.33	8.27	7.32		7.97	8.07	7.59

Shimura, Hitomi (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	25-Jun-09	time	2.54	3.64	4.71	5.78	6.85	7.92	9.00	10.08	11.18	12.30		13.66	4 / 1			
reaction time		interval		1.10	1.07	1.07	1.07	1.07	1.08	1.08	1.10	1.12	1.36			3.24	3.22	3.30
wind	1.5 m/s	velocity	5.12	7.73	7.94	7.94	7.94	7.94	7.87	7.87	7.73	7.59	7.72	7.32		7.87	7.92	7.73

Wisse, Yvonne (NED) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.81	3.89	4.96	6.04	7.10	8.14	9.22	10.29	11.38	12.49		13.66	1 / 7			
reaction time	0.162	interval		1.08	1.07	1.08	1.06	1.04	1.08	1.07	1.09	1.11	1.17			3.23	3.18	3.27
wind	-0.4 m/s	velocity	4.63	7.87	7.94	7.87	8.02	8.17	7.87	7.94	7.80	7.66	8.97	7.32		7.89	8.02	7.80

Tanaka, Anri (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN) *Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*

date	29-Apr-16	time	2.66	3.78	4.86	5.92	6.99	8.06	9.12	10.20	11.28	12.40		13.66	7 / 5			
reaction time		interval		1.12	1.08	1.06	1.07	1.07	1.06	1.08	1.08	1.12	1.26			3.26	3.20	3.28
wind	1.1 m/s	velocity	4.89	7.59	7.87	8.02	7.94	7.94	8.02	7.87	7.87	7.59	8.33	7.32		7.82	7.97	7.77

Takebe, Mao (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 National Sports Festival (Kitakami, JPN) *(2016.11.14) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	10-Oct-16	time	2.71	3.80	4.86	5.92	6.96	8.03	9.11	10.20	11.30	12.43		13.66	5 / 5			
reaction time	0.172	interval		1.09	1.06	1.06	1.04	1.07	1.08	1.09	1.10	1.13	1.23			3.21	3.19	3.32
wind	2.8 m/s	velocity	4.80	7.80	8.02	8.02	8.17	7.94	7.87	7.80	7.73	7.52	8.54	7.32		7.94	7.99	7.68

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2017 Fuse Sprint (Tottori, JPN) *(2017) - tfdata-store.com/2017/06/04/post-848/*

date	04-Jun-17	time	2.72	3.82	4.90	5.96	7.01	8.06	9.14	10.21	11.31	12.43		13.66	8 / 4			
reaction time		interval		1.10	1.08	1.06	1.05	1.05	1.08	1.07	1.10	1.12	1.23			3.24	3.18	3.29
wind	1.3 m/s	velocity	4.78	7.73	7.87	8.02	8.10	8.10	7.87	7.94	7.73	7.59	8.54	7.32		7.87	8.02	7.75

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	06-May-18	time	2.75	3.83	4.91	5.98	7.05	8.12	9.21	10.30	11.41	12.53		13.66	2 / 5			
reaction time		interval		1.08	1.08	1.07	1.07	1.07	1.09	1.09	1.11	1.12	1.13			3.23	3.23	3.32
wind	-0.5 m/s	velocity	4.73	7.87	7.87	7.94	7.94	7.94	7.80	7.80	7.66	7.59	9.29	7.32		7.89	7.89	7.68

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	03-Jun-18	time	2.68	3.77	4.84	5.90	6.95	8.03	9.10	10.20	11.31	12.44		13.66	/ 6			
reaction time		interval		1.09	1.07	1.06	1.05	1.08	1.07	1.10	1.11	1.13	1.22			3.22	3.20	3.34
wind	0.6 m/s	velocity	4.85	7.80	7.94	8.02	8.10	7.87	7.94	7.73	7.66	7.52	8.61	7.32		7.92	7.97	7.63

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN) *Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*

date	01-Sep-19	time	2.67	3.74	4.80	5.85	6.92	8.00	9.06	10.15	11.27	12.39		13.66	8 / 7			
reaction time		interval		1.07	1.06	1.05	1.07	1.08	1.06	1.09	1.12	1.12	1.27			3.18	3.21	3.33
wind	1.2 m/s	velocity	4.87	7.94	8.02	8.10	7.94	7.87	8.02	7.80	7.59	7.59	8.27	7.32		8.02	7.94	7.66

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Japanese National Championships (Niigata, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	03-Oct-20	time	2.67	3.74	4.81	5.88	6.94	8.01	9.09	10.19	11.30	12.42		13.66	2 / 8			
reaction time	0.134	interval		1.07	1.07	1.07	1.06	1.07	1.08	1.10	1.11	1.12	1.24			3.21	3.21	3.33
wind	-0.1 m/s	velocity	4.87	7.94	7.94	7.94	8.02	7.94	7.87	7.73	7.66	7.59	8.10	7.32		7.94	7.94	7.66

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	24-Oct-20	time	2.60	3.68	4.75	5.80	6.85	7.90	8.95	10.03	11.13	12.25		13.66	4 / 6			
reaction time		interval		1.08	1.07	1.05	1.05	1.05	1.05	1.08	1.10	1.12	1.41			3.20	3.15	3.30
wind	-1.4 m/s	velocity	5.00	7.87	7.94	8.10	8.10	8.10	8.10	7.87	7.73	7.59	7.13	7.32		7.97	8.10	7.73

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.68	3.78	4.86	5.92	6.98	8.04	9.10	10.18	11.28	12.40		13.66	3 / 1			
reaction time	0.181	interval		1.10	1.08	1.06	1.06	1.06	1.06	1.08	1.10	1.12	1.26			3.24	3.18	3.30
wind	0.4 m/s	velocity	4.85	7.73	7.87	8.02	8.02	8.02	8.02	7.87	7.73	7.59	7.98	7.32		7.87	8.02	7.73

Takeuchi, Maya (JPN) (1998)

FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)

Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 09-May-21 time	2.67	3.77	4.86	5.93	7.01	8.10	9.19	10.31	11.44	12.58		13.66	8 / 8			
reaction time 0.156 interval		1.10	1.09	1.07	1.08	1.09	1.09	1.12	1.13	1.14	1.08			3.26	3.26	3.39
wind -0.8 m/s velocity	4.87	7.73	7.80	7.94	7.87	7.80	7.80	7.59	7.52	7.46	9.31	7.32		7.82	7.82	7.52

Odama, Karin (JPN) (1999)

Heptathlon - Heat 3 - 2021 Japanese Multi-Event National Championships (Nagano, JPN)

Matsubayashi (2021) - 100m hurdles race analysis of heptathletes in the 2021 season

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 12-Jun-21 time	2.72	3.82	4.89	5.96	7.02	8.07	9.14	10.21	11.29	12.42		13.66	6 / 3			
reaction time 0.189 interval		1.10	1.07	1.07	1.06	1.05	1.07	1.07	1.08	1.13	1.24			3.24	3.18	3.28
wind 1.4 m/s velocity	4.78	7.73	7.94	7.94	8.02	8.10	7.94	7.94	7.87	7.52	8.10	7.32		7.87	8.02	7.77

Fujiwara, Karen (JPN) (2004)

FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)

Shibayama (2021) - national high school and U20 national championhsips

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 01-Aug-21 time	2.67	3.76	4.85	5.91	6.99	8.05	9.12	10.20	11.30	12.41		13.66	3 / 4			
reaction time 0.185 interval		1.09	1.09	1.06	1.08	1.06	1.07	1.08	1.10	1.11	1.25			3.24	3.21	3.29
wind 1.8 m/s velocity	4.87	7.80	7.80	8.02	7.87	8.02	7.94	7.87	7.73	7.66	8.04	7.32		7.87	7.94	7.75

Tamaoki, Nanako (JPN) (2000)

FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)

Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Apr-22 time	2.68	3.78	4.87	5.95	7.04	8.11	9.20	10.28	11.37	12.48		13.66	8 / 6			
reaction time 0.161 interval		1.10	1.09	1.08	1.09	1.07	1.09	1.08	1.09	1.11	1.18			3.27	3.25	3.28
wind -2.8 m/s velocity	4.85	7.73	7.80	7.87	7.80	7.94	7.80	7.87	7.80	7.66	8.52	7.32		7.80	7.85	7.77

Jiang Liyunzhe (CHN) (2002)

FINAL - 2022 Chinese National Grand Prix (Huangshi, CHN)

Gong (2023) - research on the technical characteristics of outstanding women's 100m hurdlers in china

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 13-Jul-22 time	2.67			5.87			9.01			12.28		13.66	/ 3			
reaction time interval				3.20			3.14			3.27	1.38			3.20	3.14	3.27
wind -1.1 m/s velocity	4.87			7.97			8.12			7.80	7.28	7.32		7.97	8.12	7.80

Xia Sining (CHN) (2003)

Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)

Shandong Athletics Sport Science (2024)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Jun-24 time	2.77	3.87	4.94	6.00	7.06	8.12	9.18	10.26	11.32	12.44		13.66	7 / 3			
reaction time 0.148 interval		1.10	1.07	1.06	1.06	1.06	1.06	1.08	1.06	1.12	1.22			3.23	3.18	3.26
wind -0.4 m/s velocity	4.69	7.73	7.94	8.02	8.02	8.02	8.02	7.87	8.02	7.59	8.24	7.32		7.89	8.02	7.82

Gao Yirong (CHN) (2004)

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)

Shandong Athletics Sport Science (2024)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 30-Jun-24 time	2.68	3.74	4.77	5.84	6.91	7.98	9.04	10.14	11.27	12.41		13.66	1 / 8			
reaction time 0.183 interval		1.06	1.03	1.07	1.07	1.07	1.06	1.10	1.13	1.14	1.25			3.16	3.20	3.37
wind 0.2 m/s velocity	4.85	8.02	8.25	7.94	7.94	7.94	8.02	7.73	7.52	7.46	8.04	7.32		8.07	7.97	7.57

Young, Candy (USA) (1962)

FINAL - 1979 Pan American Games (San Juan, POR)

Lyle (1979) - coaching observations

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 13-Jul-79 time	2.57	3.60	4.57	5.66	6.74	7.78	8.85	9.95	11.04	12.22		13.67	/ 4			
reaction time interval		1.03	0.97	1.09	1.08	1.04	1.07	1.10	1.09	1.18	1.45			3.09	3.19	3.37
wind 3.9 m/s velocity	5.06	8.25	8.76	7.80	7.87	8.17	7.94	7.73	7.80	7.20	7.24	7.32		8.25	7.99	7.57

Tymińska, Karolina (POL) (1984)

Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 15-Aug-09 time	2.75	3.88	4.99	6.04	7.12	8.19	9.23	10.30	11.40	12.50		13.67	2 / 2			
reaction time 0.162 interval		1.13	1.11	1.05	1.08	1.07	1.04	1.07	1.10	1.10	1.17			3.29	3.19	3.27
wind -0.1 m/s velocity	4.73	7.52	7.66	8.10	7.87	7.94	8.17	7.94	7.73	7.73	8.97	7.32		7.75	7.99	7.80

Ito, Airi (JPN) (1989)

FINAL - 2015 Japanese National Championships (Niigata, JPN)

Takashima (2015) - race analysis of 110m & 100m hurdles in Japan- results of main 2015 competitions

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 27-Jun-15 time	2.68	3.78	4.86	5.92	6.99	8.05	9.12	10.21	11.31	12.45		13.67	2 / 7			
reaction time 0.153 interval		1.10	1.08	1.06	1.07	1.06	1.07	1.09	1.10	1.14	1.22			3.24	3.20	3.33
wind -0.2 m/s velocity	4.85	7.73	7.87	8.02	7.94	8.02	7.94	7.80	7.73	7.46	8.61	7.32		7.87	7.97	7.66

Okubo, Yuri (JPN) (1997)

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)

(2017) - tfdata-store.com/2017/05/01/458/

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Apr-17 time	2.77	3.85	4.92	5.98	7.04	8.10	9.18	10.26	11.36	12.48		13.67	3 / 4			
reaction time interval		1.08	1.07	1.06	1.06	1.06	1.08	1.08	1.10	1.12	1.19			3.21	3.20	3.30
wind 4.1 m/s velocity	4.69	7.87	7.94	8.02	8.02	8.02	7.87	7.87	7.73	7.59	8.82	7.32		7.94	7.97	7.73

Xiao Juxiu (CHN) (1998)

FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)

CAA Hurdle Development (2019)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 23-May-19 time	2.72	3.82	4.90	5.96	7.02	8.10	9.18	10.26	11.36	12.48		13.67	4 / 5			

reaction time	0.197	interval		1.10	1.08	1.06	1.06	1.08	1.08	1.08	1.10	1.12	1.19			3.24	3.22	3.30
wind	0.4 m/s	velocity	4.78	7.73	7.87	8.02	8.02	7.87	7.87	7.87	7.73	7.59	8.82	7.32		7.87	7.92	7.73

Tran Thi Yen Hao (VIE) (1990)

FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN) *CAA Hurdle Development (2019)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 04-Jun-19	time	2.61	3.71	4.80	5.87	6.95	8.04	9.12	10.22	11.32	12.47		13.67	6 / 5			
reaction time 0.167	interval		1.10	1.09	1.07	1.08	1.09	1.08	1.10	1.10	1.15	1.20			3.26	3.25	3.35
wind -1.2 m/s	velocity	4.98	7.73	7.80	7.94	7.87	7.80	7.87	7.73	7.73	7.39	8.75	7.32		7.82	7.85	7.61

Luo Xianyan (CHN) (1997)

Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 24-Apr-21	time	2.71	3.84	4.92	5.99	7.04	8.11	9.17	10.22	11.30	12.39		13.67	8 / 4			
reaction time 0.192	interval		1.13	1.08	1.07	1.05	1.07	1.06	1.05	1.08	1.09	1.28			3.28	3.18	3.22
wind 0.6 m/s	velocity	4.80	7.52	7.87	7.94	8.10	7.94	8.02	8.10	7.87	7.80	7.85	7.32		7.77	8.02	7.92

Shi Jiali (CHN) (1997)

FINAL - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 24-Apr-21	time	2.69	3.80	4.88	5.94	6.99	8.06	9.12	10.21	11.30	12.40		13.67	6 / 8			
reaction time 0.188	interval		1.11	1.08	1.06	1.05	1.07	1.06	1.09	1.09	1.10	1.27			3.25	3.18	3.28
wind -0.8 m/s	velocity	4.83	7.66	7.87	8.02	8.10	7.94	8.02	7.80	7.80	7.73	7.91	7.32		7.85	8.02	7.77

Xia Sining (CHN) (2003)

Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 12-Jun-21	time	2.62	3.70	4.77	5.86	6.92	7.99	9.05	10.13	11.23	12.34		13.67	6 / 5			
reaction time 0.159	interval		1.08	1.07	1.09	1.06	1.07	1.06	1.08	1.10	1.11	1.33			3.24	3.19	3.29
wind 2.2 m/s	velocity	4.96	7.87	7.94	7.80	8.02	7.94	8.02	7.87	7.73	7.66	7.56	7.32		7.87	7.99	7.75

Katayama, Hanna (JPN)

FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN) *Takashima (2023) - national high school sports festival - biomechanics data*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 06-Aug-23	time	2.69	3.81	4.87	5.92	6.99	8.06	9.13	10.23	11.32	12.45		13.67	4 / 2			
reaction time 0.174	interval		1.12	1.06	1.05	1.07	1.07	1.07	1.10	1.09	1.13	1.22			3.23	3.21	3.32
wind 0.8 m/s	velocity	4.83	7.59	8.02	8.10	7.94	7.94	7.94	7.73	7.80	7.52	8.24	7.32		7.89	7.94	7.68

Skeete, Lesley-Ann (GBR) (1967)

Heat 1 - 1985 European Junior Championships (Cottbus, GDR) *Warburton (1985) - 1985 european junior championships - hurdles*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 23-Aug-85	time	2.38	3.54	4.59	5.61	6.68	7.88	8.97	9.96	11.04	12.19		13.68	/ 3			
reaction time	interval		1.16	1.05	1.02	1.07	1.20	1.09	0.99	1.08	1.15	1.49			3.23	3.36	3.22
wind 0.6 m/s	velocity	5.46	7.33	8.10	8.33	7.94	7.08	7.80	8.59	7.87	7.39	7.05	7.31		7.89	7.59	7.92

Fujiwara, Rui (JPN) (1998)

FINAL - 2016 Japanese National High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 02-Aug-16	time	2.73	3.82	4.88	5.95	7.03	8.09	9.16	10.25	11.33	12.45		13.68	8 / 3			
reaction time 0.146	interval		1.09	1.06	1.07	1.08	1.06	1.07	1.09	1.08	1.12	1.23	PB		3.22	3.21	3.29
wind 1.5 m/s	velocity	4.76	7.80	8.02	7.94	7.87	8.02	7.94	7.80	7.87	7.59	8.54	7.31		7.92	7.94	7.75

Kobayashi, Sayaka (JPN) (1996)

FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN) *Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Apr-16	time	2.72	3.85	4.95	6.05	7.14	8.20	9.26	10.35	11.42	12.53		13.68	3 / 6			
reaction time	interval		1.13	1.10	1.10	1.09	1.06	1.06	1.09	1.07	1.11	1.15			3.33	3.21	3.27
wind 1.1 m/s	velocity	4.78	7.52	7.73	7.73	7.80	8.02	8.02	7.80	7.94	7.66	9.13	7.31		7.66	7.94	7.80

Ono, Yui (JPN) (1999)

Heat 3 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 21-Oct-16	time	2.68	3.77	4.84	5.92	6.99	8.05	9.13	10.22	11.32	12.45		13.68	6 / 1			
reaction time	interval		1.09	1.07	1.08	1.07	1.06	1.08	1.09	1.10	1.13	1.23			3.24	3.21	3.32
wind 1.5 m/s	velocity	4.85	7.80	7.94	7.87	7.94	8.02	7.87	7.80	7.73	7.52	8.54	7.31		7.87	7.94	7.68

Kobayashi, Sayaka (JPN) (1996)

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *(2017) - tfdata-store.com/2017/05/01/458/*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 29-Apr-17	time	2.68	3.77	4.86	5.94	7.01	8.08	9.15	10.24	11.35	12.46		13.68	2 / 5			
reaction time	interval		1.09	1.09	1.08	1.07	1.07	1.07	1.09	1.11	1.11	1.22			3.26	3.21	3.31
wind 4.1 m/s	velocity	4.85	7.80	7.80	7.87	7.94	7.94	7.94	7.80	7.66	7.66	8.61	7.31		7.82	7.94	7.70

Yoshida, Yuiri (JPN) (1999)

FNAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 02-Aug-17	time	2.65	3.75	4.83	5.89	6.95	8.01	9.10	10.20	11.29	12.43		13.68	6 / 1			
reaction time 0.140	interval		1.10	1.08	1.06	1.06	1.06	1.09	1.10	1.09	1.14	1.25			3.24	3.21	3.33
wind -2.9 m/s	velocity	4.91	7.73	7.87	8.02	8.02	8.02	7.80	7.73	7.80	7.46	8.40	7.31		7.87	7.94	7.66

Shibata, Aika (JPN) (2001)

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 02-Aug-18	time	2.65	3.72	4.80	5.87	6.94	8.02	9.06	10.18	11.32	12.43		13.68	3 / 3			
reaction time	interval		1.07	1.08	1.07	1.07	1.08	1.04	1.12	1.14	1.11	1.25	PB		3.22	3.19	3.37

wind	-0.3 m/s	velocity	4.91	7.94	7.87	7.94	7.94	7.87	8.17	7.59	7.46	7.66	8.40	7.31		7.92	7.99	7.57

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)													*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18 time	2.74	3.82	4.88	5.94	7.02	8.06	9.12	10.21	11.29	12.41		13.68	4 / 1			
reaction time interval		1.08	1.06	1.06	1.08	1.04	1.06	1.09	1.08	1.12	1.27			3.20	3.18	3.29
wind 1.6 m/s velocity	4.74	7.87	8.02	8.02	7.87	8.17	8.02	7.80	7.87	7.59	8.27	7.31		7.97	8.02	7.75

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 08-Apr-19 time	2.72	3.81	4.87	5.91	6.97	8.04	9.13	10.22	11.31	12.44		13.68	8 / 1			
reaction time 0.232 interval		1.09	1.06	1.04	1.06	1.07	1.09	1.09	1.09	1.13	1.24			3.19	3.22	3.31
wind -0.2 m/s velocity	4.78	7.80	8.02	8.17	8.02	7.94	7.80	7.80	7.80	7.52	8.47	7.31		7.99	7.92	7.70

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 09-Apr-19 time	2.77	3.85	4.94	5.99	7.04	8.12	9.18	10.24	11.34	12.44		13.68	9 / 4			
reaction time 0.242 interval		1.08	1.09	1.05	1.05	1.08	1.06	1.06	1.10	1.10	1.24			3.22	3.19	3.26
wind 0.1 m/s velocity	4.69	7.87	7.80	8.10	8.10	7.87	8.02	8.02	7.73	7.73	8.47	7.31		7.92	7.99	7.82

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.72	3.81	4.88	5.94	7.00	8.06	9.13	10.20	11.29	12.43		13.68	5 / 2			
reaction time interval		1.09	1.07	1.06	1.06	1.06	1.07	1.07	1.09	1.14	1.25			3.22	3.19	3.30
wind 1.3 m/s velocity	4.78	7.80	7.94	8.02	8.02	8.02	7.94	7.94	7.80	7.46	8.40	7.31		7.92	7.99	7.73

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)													*CAA Hurdle Development (2019)*			
date 23-May-19 time	2.68	3.76	4.84	5.88	6.94	8.02	9.08	10.16	11.28	12.40		13.68	8 / 6			
reaction time 0.176 interval		1.08	1.08	1.04	1.06	1.08	1.06	1.08	1.12	1.12	1.28			3.20	3.20	3.32
wind 0.4 m/s velocity	4.85	7.87	7.87	8.17	8.02	7.87	8.02	7.87	7.59	7.59	8.20	7.31		7.97	7.97	7.68

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.79	3.85	4.91	5.96	7.02	8.08	9.14	10.23	11.33	12.45		13.68	5 / 1			
reaction time 0.193 interval		1.06	1.06	1.05	1.06	1.06	1.06	1.09	1.10	1.12	1.23			3.17	3.18	3.31
wind 0.2 m/s velocity	4.66	8.02	8.02	8.10	8.02	8.02	8.02	7.80	7.73	7.59	8.54	7.31		8.04	8.02	7.70

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 20-Sep-20 time	2.69	3.77	4.84	5.91	6.96	8.03	9.11	10.21	11.32	12.45		13.68	9 / 7			
reaction time 0.137 interval		1.08	1.07	1.07	1.05	1.07	1.08	1.10	1.11	1.13	1.23			3.22	3.20	3.34
wind 0.0 m/s velocity	4.83	7.87	7.94	7.94	8.10	7.94	7.87	7.73	7.66	7.52	8.17	7.31		7.92	7.97	7.63

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)													*CAA Hurdle Development (2021)*			
date 11-May-21 time	2.77	3.84	4.93	5.99	7.06	8.13	9.17	10.24	11.35	12.46		13.68	6 / 1			
reaction time interval		1.07	1.09	1.06	1.07	1.07	1.04	1.07	1.11	1.11	1.22			3.22	3.18	3.29
wind -0.6 m/s velocity	4.69	7.94	7.80	8.02	7.94	7.94	8.17	7.94	7.66	7.66	8.24	7.31		7.92	8.02	7.75

Theisen, Brianne (CAN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time	2.76	3.84	4.91	5.99	7.06	8.14	9.22	10.30	11.40	12.50		13.69	5 / 4			
reaction time 0.159 interval		1.08	1.07	1.08	1.07	1.08	1.08	1.08	1.10	1.10	1.19			3.23	3.23	3.28
wind -0.2 m/s velocity	4.71	7.87	7.94	7.87	7.94	7.87	7.87	7.87	7.73	7.73	8.82	7.30		7.89	7.89	7.77

Yoshita, Airi (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)													*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-16 time	2.69	3.80	4.90	5.96	7.01	8.07	9.12	10.24	11.33	12.46		13.69	5 / 4			
reaction time 0.157 interval		1.11	1.10	1.06	1.05	1.06	1.05	1.12	1.09	1.13	1.23	PB		3.27	3.16	3.34
wind 1.5 m/s velocity	4.83	7.66	7.73	8.02	8.10	8.02	8.10	7.59	7.80	7.52	8.54	7.30		7.80	8.07	7.63

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Division 1 FINAL - 2017 Kanto Collegiate Championships (Yokohama, JPN)													*(2017) - tfdata-store.com/2017/06/08/post-920/*			
date 26-May-17 time	2.66	3.74	4.79	5.84	6.90	7.98	9.07	10.17	11.28	12.44		13.69	4 / 4			
reaction time 0.194 interval		1.08	1.05	1.05	1.06	1.08	1.09	1.10	1.11	1.16	1.25	=PB		3.18	3.23	3.37
wind 1.9 m/s velocity	4.89	7.87	8.10	8.10	8.02	7.87	7.80	7.73	7.66	7.33	8.40	7.30		8.02	7.89	7.57

Ibaraki, Rin (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)													*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-18 time	2.64	3.74	4.84	5.93	7.00	8.10	9.19	10.28	11.40	12.51		13.69	5 / 4			
reaction time interval		1.10	1.10	1.09	1.07	1.10	1.09	1.09	1.12	1.11	1.18	PB		3.29	3.26	3.32
wind -0.3 m/s velocity	4.92	7.73	7.73	7.80	7.94	7.73	7.80	7.80	7.59	7.66	8.90	7.30		7.75	7.82	7.68

You Na (CHN) (1993)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19 time	2.75	3.84	4.93	5.99	7.06	8.11	9.19	10.26	11.36	12.48		13.69	8 / 4			
reaction time 0.168 interval		1.09	1.09	1.06	1.07	1.05	1.08	1.07	1.10	1.12	1.21			3.24	3.20	3.29
wind 0.2 m/s velocity	4.73	7.80	7.80	8.02	7.94	8.10	7.87	7.94	7.73	7.59	8.68	7.30		7.87	7.97	7.75

Sasaki, Ten (JPN) (1997)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Race 2 - 2020 World Athletics Trials (Fuji, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 06-Sep-20 time	2.66	3.74	4.80	5.86	6.92	7.97	9.07	10.16	11.27	12.42		13.69	/ 3			
reaction time interval		1.08	1.06	1.06	1.06	1.05	1.10	1.09	1.11	1.15	1.27			3.20	3.21	3.35
wind 1.3 m/s velocity	4.89	7.87	8.02	8.02	8.02	8.10	7.73	7.80	7.66	7.39	7.91	7.30		7.97	7.94	7.61

Luo Xianyan (CHN) (1997)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 12-Jun-21 time	2.57	3.65	4.74	5.77	6.84	7.92	8.99	10.08	11.19	12.31		13.69	3 / 5			
reaction time 0.140 interval		1.08	1.09	1.03	1.07	1.08	1.07	1.09	1.11	1.12	1.38			3.20	3.22	3.32
wind -0.2 m/s velocity	5.06	7.87	7.80	8.25	7.94	7.87	7.94	7.80	7.66	7.59	7.28	7.30		7.97	7.92	7.68

Shimura, Hitomi (JPN) (1990)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.71	3.80	4.86	5.93	7.00	8.05	9.13	10.22	11.35	12.47		13.69	8 / 6			
reaction time 0.158 interval		1.09	1.06	1.07	1.07	1.05	1.08	1.09	1.13	1.12	1.22			3.22	3.20	3.34
wind -0.6 m/s velocity	4.80	7.80	8.02	7.94	7.94	8.10	7.87	7.80	7.52	7.59	8.24	7.30		7.92	7.97	7.63

Wolf, Birgit (FRG) (1969)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1986 West German National Junior Championships (Krefeld, FRG)													*Hucklekemkes (1997) - velocity in the women's 100m sprint hurdles*			
date 26-Jul-86 time	2.70	3.82	4.90	5.98	7.06	8.12	9.20	10.28	11.38	12.50		13.70	**/ 1**			
reaction time interval		1.12	1.08	1.08	1.08	1.06	1.08	1.08	1.10	1.12	1.20			3.28	3.22	3.30
wind 1.3 m/s velocity	4.81	7.59	7.87	7.87	7.87	8.02	7.87	7.87	7.73	7.59	8.75	7.30		7.77	7.92	7.73

Fust, Katja (GER) (1974)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 1993 European Junior Championships (San Sebastian, ESP)													*Hücklekemkes (1997) - geschwindigkeitstabellen vereinfachen die auswertung von hürdensprints*			
date 31-Jul-93 time	2.74	3.84	4.90	5.96	7.00	8.10	9.18	10.20	11.28	12.38		13.70	/ 2			
reaction time interval		1.10	1.06	1.06	1.04	1.10	1.08	1.02	1.08	1.10	1.32			3.22	3.22	3.20
wind 0.4 m/s velocity	4.74	7.73	8.02	8.02	8.17	7.73	7.87	8.33	7.87	7.73	7.95	7.30		7.92	7.92	7.97

Škrobáková, Lucie (CZE) (1982)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 European Cup (Bremen, GER)													*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 24-Jun-01 time	2.64	3.84	4.91	5.98	7.03	8.10	9.18	10.26	11.37	12.49		13.70	/ 7			
reaction time 0.222 interval		1.20	1.07	1.07	1.05	1.07	1.08	1.08	1.11	1.12	1.21			3.34	3.20	3.31
wind 0.6 m/s velocity	4.92	7.08	7.94	7.94	8.10	7.94	7.87	7.87	7.66	7.59	8.68	7.30		7.63	7.97	7.70

Ferguen, Amina (ALG) (1989)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Sparkassen Gala (Regensburg, GER)													*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*			
date 07-Jun-14 time	2.66	3.76	4.84	5.90	6.96	8.04	9.10	10.22	11.28	12.44		13.70	/ 2			
reaction time interval		1.10	1.08	1.06	1.06	1.08	1.06	1.12	1.06	1.16	1.26			3.24	3.20	3.34
wind -1.6 m/s velocity	4.89	7.73	7.87	8.02	8.02	7.87	8.02	7.59	8.02	7.33	8.33	7.30		7.87	7.97	7.63

Pletsch, Jenna (GER) (1991)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Sparkassen Gala (Regensburg, GER)													*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*			
date 07-Jun-14 time	2.66		4.84	5.92	7.00	8.08	9.16	10.26	11.36	12.48		13.70	/ 3			
reaction time interval			2.18	1.08	1.08	1.08	1.08	1.10	1.10	1.12	1.22			3.26	3.24	3.32
wind -1.6 m/s velocity	4.89		7.80	7.87	7.87	7.87	7.87	7.73	7.73	7.59	8.61	7.30		7.82	7.87	7.68

Tanaka, Yumi (JPN) (1998)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
date 11-May-17 time	2.66	3.76	4.84	5.92	6.98	8.04	9.12	10.20	11.31	12.43		13.70	6 / 1			
reaction time interval		1.10	1.08	1.08	1.06	1.06	1.08	1.08	1.11	1.12	1.27			3.26	3.20	3.31
wind -1.2 m/s velocity	4.89	7.73	7.87	7.87	8.02	8.02	7.87	7.87	7.66	7.59	8.27	7.30		7.82	7.97	7.70

You Na (CHN) (1993)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.74	3.82	4.89	5.93	7.02	8.07	9.15	10.24	11.34	12.47		13.70	4 / 2			
reaction time 0.197 interval		1.08	1.07	1.04	1.09	1.05	1.08	1.09	1.10	1.13	1.23			3.19	3.22	3.32
wind 0.7 m/s velocity	4.74	7.87	7.94	8.17	7.80	8.10	7.87	7.80	7.73	7.52	8.54	7.30		7.99	7.92	7.68

Soma, Eriko (JPN) (1991)	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Race 2 - 2020 World Athletics Trials (Fuji, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 06-Sep-20 time	2.74	3.84	4.91	5.96	7.00	8.05	9.13	10.23	11.34	12.47		13.70	/ 4			
reaction time interval		1.10	1.07	1.05	1.04	1.05	1.08	1.10	1.11	1.13	1.23			3.22	3.17	3.34
wind 1.3 m/s velocity	4.74	7.73	7.94	8.10	8.17	8.10	7.87	7.73	7.66	7.52	8.17	7.30		7.92	8.04	7.63

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 24-Oct-20 time	2.65	3.74	4.83	5.90	6.95	8.03	9.12	10.22	11.31	12.43		13.70	9 / 7			
reaction time interval		1.09	1.09	1.07	1.05	1.08	1.09	1.10	1.09	1.12	1.27			3.25	3.22	3.31
wind -1.4 m/s velocity	4.91	7.80	7.80	7.94	8.10	7.87	7.80	7.73	7.80	7.59	7.91	7.30		7.85	7.92	7.70

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)													*CAA Hurdle Development (2021)*			
date 11-May-21 time	2.72	3.81	4.89	5.99	7.04	8.11	9.18	10.27	11.37	12.49		13.70	4 / 2			
reaction time interval		1.09	1.08	1.10	1.05	1.07	1.07	1.09	1.10	1.12	1.21			3.27	3.19	3.31
wind -0.6 m/s velocity	4.78	7.80	7.87	7.73	8.10	7.94	7.94	7.80	7.73	7.59	8.31	7.30		7.80	7.99	7.70

Robinson, TeJyrica (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Weltklasse (Zürich, SUI) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 09-Sep-21 time	2.52	3.60	4.66	5.72	6.80	7.88	8.96	10.00	11.10	12.28		13.70	1 / 9			
reaction time 0.134 interval		1.08	1.06	1.06	1.08	1.08	1.08	1.04	1.10	1.18	1.42			3.20	3.24	3.32
wind 0.4 m/s velocity	5.16	7.87	8.02	8.02	7.87	7.87	7.87	8.17	7.73	7.20	7.08	7.30		7.97	7.87	7.68

Hjørnevik, Martine (NOR) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
date 04-Sep-22 time	2.76	3.84	4.92	5.96	7.00	8.08	9.12	10.24	11.32	12.44		13.70	2 / 8			
reaction time 0.166 interval		1.08	1.08	1.04	1.04	1.08	1.04	1.12	1.08	1.12	1.26			3.20	3.16	3.32
wind -0.3 m/s velocity	4.71	7.87	7.87	8.17	8.17	7.87	8.17	7.59	7.87	7.59	7.98	7.30		7.97	8.07	7.68

Gao Yirong (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 02-Sep-23 time	2.67	3.74	4.80	5.87	6.94	7.98	9.07	10.17	11.27	12.44		13.70	8 / 6			
reaction time 0.161 interval		1.07	1.06	1.07	1.07	1.04	1.09	1.10	1.10	1.17	1.26			3.20	3.20	3.37
wind 0.1 m/s velocity	4.87	7.94	8.02	7.94	7.94	8.17	7.80	7.73	7.73	7.26	7.98	7.30		7.97	7.97	7.57

Tamaoki, Nanako (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.69	3.80	4.88	5.96	7.04	8.11	9.18	10.29	11.38	12.49		13.70	7 / 7			
reaction time 0.156 interval		1.11	1.08	1.08	1.08	1.07	1.07	1.11	1.09	1.11	1.21			3.27	3.22	3.31
wind -0.6 m/s velocity	4.83	7.66	7.87	7.87	7.87	7.94	7.94	7.66	7.80	7.66	8.31	7.30		7.80	7.92	7.70

Kariya, Ayu (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)													*Takashima (2024) - national high school sports festival - biomechanics data*			
date 01-Aug-24 time	2.65	3.70	4.75	5.81	6.87	7.93	9.01	10.12	11.26	12.40		13.70	7 / 4			
reaction time 0.146 interval		1.05	1.05	1.06	1.06	1.06	1.08	1.11	1.14	1.14	1.30			3.16	3.20	3.39
wind 1.0 m/s velocity	4.91	8.10	8.10	8.02	8.02	8.02	7.87	7.66	7.46	7.46	7.73	7.30		8.07	7.97	7.52

Tuvesson, Emma (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10 time	2.77	3.89	4.97	6.04	7.11	8.15	9.23	10.32	11.41	12.50		13.71	/ 2			
reaction time interval		1.12	1.08	1.07	1.07	1.04	1.08	1.09	1.09	1.09	1.21			3.27	3.19	3.27
wind -0.2 m/s velocity	4.69	7.59	7.87	7.94	7.94	8.17	7.87	7.80	7.80	7.80	8.68	7.29		7.80	7.99	7.80

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/07/19/post-1068/*			
date 25-Jun-17 time	2.75	3.85	4.93	6.00	7.06	8.12	9.20	10.28	11.38	12.49		13.71	3 / 6			
reaction time 0.167 interval		1.10	1.08	1.07	1.06	1.06	1.08	1.08	1.10	1.11	1.22			3.25	3.20	3.29
wind 0.4 m/s velocity	4.73	7.73	7.87	7.94	8.02	8.02	7.87	7.87	7.73	7.66	8.61	7.29		7.85	7.97	7.75

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/07/19/post-1068/*			
date 25-Jun-17 time	2.67	3.75	4.82	5.88	6.94	8.01	9.09	10.20	11.32	12.44		13.71	2 / 7			
reaction time 0.156 interval		1.08	1.07	1.06	1.06	1.07	1.08	1.11	1.12	1.12	1.27			3.21	3.21	3.35
wind 0.4 m/s velocity	4.87	7.87	7.94	8.02	8.02	7.94	7.87	7.66	7.59	7.59	8.27	7.29		7.94	7.94	7.61

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Chinese National Games (Tianjin, CHN)													*Henson (2017) - coaching observations*			
date 04-Sep-17 time	2.67	3.79	4.87	5.93	6.99	8.04	9.11	10.19	11.26	12.41		13.71	3 / 6			
reaction time interval		1.12	1.08	1.06	1.06	1.05	1.07	1.08	1.07	1.15	1.30			3.26	3.18	3.30
wind -0.2 m/s velocity	4.87	7.59	7.87	8.02	8.02	8.10	7.94	7.87	7.94	7.39	8.08	7.29		7.82	8.02	7.73

Kiriyama, Chie (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)													*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18 time	2.72	3.78	4.84	5.90	6.97	8.04	9.12	10.22	11.34	12.49		13.71	6 / 2			
reaction time interval		1.06	1.06	1.06	1.07	1.07	1.08	1.10	1.12	1.15	1.22			3.18	3.22	3.37
wind 1.6 m/s velocity	4.78	8.02	8.02	8.02	7.94	7.94	7.87	7.73	7.59	7.39	8.61	7.29		8.02	7.92	7.57

Iwasa, Mayuko (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	07-Oct-18	time	2.72	3.83	4.90	5.98	7.04	8.11	9.20	10.26	11.35	12.46		13.71	6 / 1			
reaction time	0.149	interval		1.11	1.07	1.08	1.06	1.07	1.09	1.06	1.09	1.11	1.25			3.26	3.22	3.26
wind	2.0 m/s	velocity	4.78	7.66	7.94	7.87	8.02	7.94	7.80	8.02	7.80	7.66	8.40	7.29		7.82	7.92	7.82

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN) *CAA Hurdle Development (2019)*

date	09-Apr-19	time	2.71	3.79	4.81	5.87	6.93	7.99	9.04	10.10	11.16	12.29		13.71	4 / 5			
reaction time	0.216	interval		1.08	1.02	1.06	1.06	1.06	1.05	1.06	1.06	1.13	1.42			3.16	3.17	3.25
wind	0.1 m/s	velocity	4.80	7.87	8.33	8.02	8.02	8.02	8.10	8.02	8.02	7.52	7.39	7.29		8.07	8.04	7.85

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN) *CAA Hurdle Development (2019)*

date	13-Apr-19	time	2.64	3.70	4.82	5.87	6.94	8.02	9.09	10.20	11.31	12.44		13.71	6 / 3			
reaction time	0.200	interval		1.06	1.12	1.05	1.07	1.08	1.07	1.11	1.11	1.13	1.27			3.23	3.22	3.35
wind	0.7 m/s	velocity	4.92	8.02	7.59	8.10	7.94	7.87	7.94	7.66	7.66	7.52	8.27	7.29		7.89	7.92	7.61

Wang Qingling (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.70	3.77	4.84	5.91	6.99	8.07	9.14	10.24	11.34	12.48		13.71	4 / 1			
reaction time	0.189	interval		1.07	1.07	1.07	1.08	1.08	1.07	1.10	1.10	1.14	1.23			3.21	3.23	3.34
wind	0.8 m/s	velocity	4.81	7.94	7.94	7.94	7.87	7.87	7.94	7.73	7.73	7.46	8.54	7.29		7.94	7.89	7.63

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.80	3.88	4.98	6.04	7.10	8.16	9.24	10.32	11.40	12.50		13.71	8 / 3			
reaction time	0.285	interval		1.08	1.10	1.06	1.06	1.06	1.08	1.08	1.08	1.10	1.21			3.24	3.20	3.26
wind	0.5 m/s	velocity	4.64	7.87	7.73	8.02	8.02	8.02	7.87	7.87	7.87	7.73	8.68	7.29		7.87	7.97	7.82

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.74	3.85	4.94	6.00	7.07	8.16	9.24	10.31	11.41	12.51		13.71	1 / 3			
reaction time	0.180	interval		1.11	1.09	1.06	1.07	1.09	1.08	1.07	1.10	1.10	1.20			3.26	3.24	3.27
wind	-0.3 m/s	velocity	4.74	7.66	7.80	8.02	7.94	7.80	7.87	7.94	7.73	7.73	8.75	7.29		7.82	7.87	7.80

Siirtola, Anni (FIN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	14-Aug-20	time	2.66	3.80	4.86	5.90	7.00	8.06	9.10	10.20	11.30	12.40		13.71	8 / 5			
reaction time	0.193	interval		1.14	1.06	1.04	1.10	1.06	1.04	1.10	1.10	1.10	1.31			3.24	3.20	3.30
wind	1.0 m/s	velocity	4.89	7.46	8.02	8.17	7.73	8.02	8.17	7.73	7.73	7.73	7.67	7.29		7.87	7.97	7.73

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Chinese National Championships (Shaoxing, CHN) *CAA Hurdle Development (2020)*

date	15-Sep-20	time	2.68	3.77	4.84	5.91	6.98	8.05	9.13	10.25	11.38	12.52		13.71	8 / 7			
reaction time	0.161	interval		1.09	1.07	1.07	1.07	1.07	1.08	1.12	1.13	1.14	1.19			3.23	3.22	3.39
wind	-0.4 m/s	velocity	4.85	7.80	7.94	7.94	7.94	7.94	7.87	7.59	7.52	7.46	8.45	7.29		7.89	7.92	7.52

Omura, Mika (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Race 2 - 2020 World Athletics Trials (Fuji, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	06-Sep-20	time	2.71	3.81	4.87	5.93	6.99	8.04	9.11	10.21	11.33	12.47		13.71	/ 5			
reaction time		interval		1.10	1.06	1.06	1.06	1.05	1.07	1.10	1.12	1.14	1.24			3.22	3.18	3.36
wind	1.3 m/s	velocity	4.80	7.73	8.02	8.02	8.02	8.10	7.94	7.73	7.59	7.46	8.10	7.29		7.92	8.02	7.59

Valette, Laura (FRA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 FBK Games (Hengelo, NED) *Omega Timing (2024) - continental tour gold race analysis*

date	07-Jul-24	time	2.55	3.65	4.74	5.75	6.82	7.89	8.98	10.08	11.19	12.32		13.71	2 / 8			
reaction time	0.133	interval		1.10	1.09	1.01	1.07	1.07	1.09	1.10	1.11	1.13	1.39			3.20	3.23	3.34
wind	0.3 m/s	velocity	5.10	7.73	7.80	8.42	7.94	7.94	7.80	7.73	7.66	7.52	7.23	7.29		7.97	7.89	7.63

Tenka, Yanaka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN) *Takashima (2023) - national high school sports festival - biomechanics data*

date	06-Aug-23	time	2.74	3.80	4.88	5.96	7.02	8.09	9.17	10.26	11.37	12.49		13.71	7 / 3			
reaction time	0.229	interval		1.06	1.08	1.08	1.06	1.07	1.08	1.09	1.11	1.12	1.22			3.22	3.21	3.32
wind	0.8 m/s	velocity	4.74	8.02	7.87	7.87	8.02	7.94	7.87	7.80	7.66	7.59	8.24	7.29		7.92	7.94	7.68

Latos, Barbara (POL) (1965)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1987 European Cup (Prague, TCH) *Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.71	3.78	4.88	5.92	7.04	8.12	9.24	10.32	11.44	12.57		13.72	4 / 8			
reaction time		interval		1.07	1.10	1.04	1.12	1.08	1.12	1.08	1.12	1.13	1.15			3.21	3.32	3.33
wind	-0.9m/s	velocity	4.80	7.94	7.73	8.17	7.59	7.87	7.59	7.87	7.59	7.52	9.13	7.29		7.94	7.68	7.66

Robinson, Kira (USA) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2005 USATF National Junior Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

date	23-Jun-05	time	2.70	3.77	4.84	5.92	6.97	8.03	9.11	10.21	11.34	12.48		13.72	4 / 1			
reaction time		interval		1.07	1.07	1.08	1.05	1.06	1.08	1.10	1.13	1.14	1.24			3.22	3.19	3.37
wind	-0.7 m/s	velocity	4.81	7.94	7.94	7.87	8.10	8.02	7.87	7.73	7.52	7.46	8.47	7.29		7.92	7.99	7.57

Kumagai, Fumiko (JPN) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2008 Japanese National Championships (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	28-Jun-08	time	2.50	3.61	4.70	5.78	6.86	7.93	9.02	10.12	11.24	12.36		13.72	/ 4			
reaction time		interval		1.11	1.09	1.08	1.08	1.07	1.09	1.10	1.12	1.12	1.36			3.28	3.24	3.34
wind	-1.5 m/s	velocity	5.20	7.66	7.80	7.87	7.87	7.94	7.80	7.73	7.59	7.59	7.72	7.29		7.77	7.87	7.63

Akai, Suzuka (JPN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2009 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	29-Apr-09	time	2.55	3.67	4.75	5.81	6.86	7.92	9.00	10.10	11.21	12.34		13.72	/ 2			
reaction time		interval		1.12	1.08	1.06	1.05	1.06	1.08	1.10	1.11	1.13	1.38			3.26	3.19	3.34
wind	2.1 m/s	velocity	5.10	7.59	7.87	8.02	8.10	8.02	7.87	7.73	7.66	7.52	7.61	7.29		7.82	7.99	7.63

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2014 Japanese National High School Championships (Kofu, JPN) *Yanagiya (2014) - research on athlete performance and technique- 2014 data book*

date	03-Aug-14	time	2.75	3.87	4.95	6.00	7.07	8.12	9.19	10.27	11.35	12.46		13.72	6 / 1			
reaction time		interval		1.12	1.08	1.05	1.07	1.05	1.07	1.08	1.08	1.11	1.26			3.25	3.19	3.27
wind	-0.9 m/s	velocity	4.73	7.59	7.87	8.10	7.94	8.10	7.94	7.87	7.87	7.66	8.33	7.29		7.85	7.99	7.80

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.10.21) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.69	3.77	4.84	5.91	6.99	8.08	9.16	10.25	11.36	12.51		13.72	4 / 1			
reaction time		interval		1.08	1.07	1.07	1.08	1.09	1.08	1.09	1.11	1.15	1.21			3.22	3.25	3.35
wind	1.0 m/s	velocity	4.83	7.87	7.94	7.94	7.87	7.80	7.87	7.80	7.66	7.39	8.68	7.29		7.92	7.85	7.61

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Japanese National Championships (Osaka, JPN) *(2017) - tfdata-store.com/2017/07/19/post-1068/*

date	25-Jun-17	time	2.67	3.77	4.86	5.94	7.01	8.07	9.14	10.26	11.39	12.50		13.72	9 / 8			
reaction time	0.134	interval		1.10	1.09	1.08	1.07	1.06	1.07	1.12	1.13	1.11	1.22			3.27	3.20	3.36
wind	0.4 m/s	velocity	4.87	7.73	7.80	7.87	7.94	8.02	7.94	7.59	7.52	7.66	8.61	7.29		7.80	7.97	7.59

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	15-Sep-18	time	2.68	3.76	4.82	5.87	6.96	8.03	9.09	10.21	11.33	12.46		13.72	4 / 4			
reaction time		interval		1.08	1.06	1.05	1.09	1.07	1.06	1.12	1.12	1.13	1.26	PB		3.19	3.22	3.37
wind	0.0 m/s	velocity	4.85	7.87	8.02	8.10	7.80	7.94	8.02	7.59	7.59	7.52	8.33	7.29		7.99	7.92	7.57

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Nanjing World Challenge (Nanjing, CHN) *CAA Hurdle Development (2019)*

date	21-May-19	time	2.67	3.73	4.80	5.87	6.96	8.08	9.15	10.24	11.36	12.46		13.72	1 / 9			
reaction time	0.303	interval		1.06	1.07	1.07	1.09	1.12	1.07	1.09	1.12	1.10	1.26			3.20	3.28	3.31
wind	-1.0 m/s	velocity	4.87	8.02	7.94	7.94	7.80	7.59	7.94	7.80	7.59	7.73	8.33	7.29		7.97	7.77	7.70

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.69	3.78	4.87	5.96	7.02	8.09	9.19	10.27	11.37	12.49		13.72	5 / 4			
reaction time	0.152	interval		1.09	1.09	1.09	1.06	1.07	1.10	1.08	1.10	1.12	1.23			3.27	3.23	3.30
wind	-0.3 m/s	velocity	4.83	7.80	7.80	7.80	8.02	7.94	7.73	7.87	7.73	7.59	8.54	7.29		7.80	7.89	7.73

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.75	3.85	4.94	6.02	7.08	8.14	9.22	10.31	11.39	12.49		13.72	8 / 5			
reaction time	0.168	interval		1.10	1.09	1.08	1.06	1.06	1.08	1.09	1.08	1.10	1.23			3.27	3.20	3.27
wind	-0.3 m/s	velocity	4.73	7.73	7.80	7.87	8.02	8.02	7.87	7.80	7.87	7.73	8.54	7.29		7.80	7.97	7.80

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.72	3.79	4.86	5.92	6.99	8.06	9.14	10.24	11.34	12.46		13.72	6 / 2			
reaction time	0.215	interval		1.07	1.07	1.06	1.07	1.07	1.08	1.10	1.10	1.12	1.26			3.20	3.22	3.32
wind	0.2 m/s	velocity	4.78	7.94	7.94	8.02	7.94	7.94	7.87	7.73	7.73	7.59	8.33	7.29		7.97	7.92	7.68

Wennersten, Julia (SWE) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	23-Aug-20	time	2.60	3.70	4.77	5.87	6.97	8.03	9.13	10.20	11.33	12.47		13.72	7 / 4			
reaction time	0.144	interval		1.10	1.07	1.10	1.10	1.06	1.10	1.07	1.13	1.14	1.25			3.27	3.26	3.34
wind	1.4 m/s	velocity	5.00	7.73	7.94	7.73	7.73	8.02	7.73	7.94	7.52	7.46	8.04	7.29		7.80	7.82	7.63

Yoshida, Erika (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2021 Japanese High School National Championships (Fukui, JPN) *Shibayama (2021) - national high school and U20 national championhsips*

date	01-Aug-21	time	2.72	3.82	4.92	5.97	7.04	8.11	9.17	10.25	11.33	12.44		13.72	6 / 5			

reaction time	0.167	interval		1.10	1.10	1.05	1.07	1.07	1.06	1.08	1.08	1.11	1.28			3.25	3.20	3.27
wind	1.8 m/s	velocity	4.78	7.73	7.73	8.10	7.94	7.94	8.02	7.87	7.87	7.66	7.85	7.29		7.85	7.97	7.80

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22 time	2.76	3.87	4.93	6.02	7.09	8.17	9.26	10.35	11.44	12.54		13.72	2 / 7			
reaction time 0.266 interval		1.11	1.06	1.09	1.07	1.08	1.09	1.09	1.09	1.10	1.18			3.26	3.24	3.28
wind -2.8 m/s velocity	4.71	7.66	8.02	7.80	7.94	7.87	7.80	7.80	7.80	7.73	8.52	7.29		7.82	7.87	7.77

Oschkenat, Cornelia (GDR) (1961)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 30-Sep-88 time	2.53	3.56	4.54	5.58	6.58	7.65	8.70	9.77	10.90	12.10		13.73	6 / 8			
reaction time 0.138 interval		1.03	0.98	1.04	1.00	1.07	1.05	1.07	1.13	1.20	1.63			3.05	3.12	3.40
wind 0.2 m/s velocity	5.14	8.25	8.67	8.17	8.50	7.94	8.10	7.94	7.52	7.08	6.44	7.28		8.36	8.17	7.50

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.66	3.75	4.82	5.89	6.95	8.03	9.12	10.21	11.31	12.44		13.73	8 / 1			
reaction time interval		1.09	1.07	1.07	1.06	1.08	1.09	1.09	1.10	1.13	1.29			3.23	3.23	3.32
wind 1.5 m/s velocity	4.89	7.80	7.94	7.94	8.02	7.87	7.80	7.80	7.73	7.52	8.14	7.28		7.89	7.89	7.68

Takebe, Mao (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17 time	2.71	3.79	4.85	5.91	6.98	8.01	9.09	10.16	11.26	12.39		13.73	7 / 6			
reaction time interval		1.08	1.06	1.06	1.07	1.03	1.08	1.07	1.10	1.13	1.34			3.20	3.18	3.30
wind 4.1 m/s velocity	4.80	7.87	8.02	8.02	7.94	8.25	7.87	7.94	7.73	7.52	7.84	7.28		7.97	8.02	7.73

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Open FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.71	3.82	4.89	5.95	7.02	8.09	9.19	10.29	11.40	12.53		13.73	8 / 5			
reaction time interval		1.11	1.07	1.06	1.07	1.07	1.10	1.10	1.11	1.13	1.20			3.24	3.24	3.34
wind -0.2 m/s velocity	4.80	7.66	7.94	8.02	7.94	7.94	7.73	7.73	7.66	7.52	8.75	7.28		7.87	7.87	7.63

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Fuse Sprint (Tottori, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 03-Jun-18 time	2.70	3.80	4.86	5.92	6.98	8.03	9.12	10.22	11.36	12.50		13.73	/ 7			
reaction time interval		1.10	1.06	1.06	1.06	1.05	1.09	1.10	1.14	1.14	1.23			3.22	3.20	3.38
wind 0.6 m/s velocity	4.81	7.73	8.02	8.02	8.02	8.10	7.80	7.73	7.46	7.46	8.54	7.28		7.92	7.97	7.54

Chen Yinfeng (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.68	3.81	4.87	5.97	7.03	8.13	9.21	10.31	11.40	12.53		13.73	1 / 5			
reaction time interval		1.13	1.06	1.10	1.06	1.10	1.08	1.10	1.09	1.13	1.20			3.29	3.24	3.32
wind 0.0 m/s velocity	4.85	7.52	8.02	7.73	8.02	7.73	7.87	7.73	7.80	7.52	8.75	7.28		7.75	7.87	7.68

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.72	3.79	4.85	5.89	6.99	8.06	9.14	10.26	11.38	12.51		13.73	3 / 3			
reaction time interval		1.07	1.06	1.04	1.10	1.07	1.08	1.12	1.12	1.13	1.22			3.17	3.25	3.37
wind 1.3 m/s velocity	4.78	7.94	8.02	8.17	7.73	7.94	7.87	7.59	7.59	7.52	8.61	7.28		8.04	7.85	7.57

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.75	3.85	4.94	5.97	7.04	8.09	9.14	10.19	11.31	12.50		13.73	7 / 3			
reaction time 0.250 interval		1.10	1.09	1.03	1.07	1.05	1.05	1.05	1.12	1.19	1.23			3.22	3.17	3.36
wind 0.2 m/s velocity	4.73	7.73	7.80	8.25	7.94	8.10	8.10	8.10	7.59	7.14	8.54	7.28		7.92	8.04	7.59

Kikuchi, Aika (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) (76cm)													*Kijima (2019) - research on athlete performance and technique- 2019 data book*			
date 18-Oct-19 time	2.73	3.83	4.89	5.95	7.03	8.10	9.17	10.28	11.38	12.51		13.73	4 / 2			
reaction time 0.152 interval		1.10	1.06	1.06	1.08	1.07	1.07	1.11	1.10	1.13	1.22			3.22	3.22	3.34
wind -0.8m/s velocity	4.76	7.73	8.02	8.02	7.87	7.94	7.94	7.66	7.73	7.52	8.61	7.28		7.92	7.92	7.63

Chausseray, Celia (FRA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20 time	2.67	3.78	4.79	5.94	6.99	8.00	9.11	10.19	11.24	12.39		13.73	2 / 6			
reaction time 0.208 interval		1.11	1.01	1.15	1.05	1.01	1.11	1.08	1.05	1.15	1.34	PB		3.27	3.17	3.28
wind 1.5 m/s velocity	4.87	7.66	8.42	7.39	8.10	8.42	7.66	7.87	8.10	7.39	7.50	7.28		7.80	8.04	7.77

Young, Candy (USA) (1962)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1979 Pan American Games (San Juan, POR)													*Lyle (1979) - coaching observations*			
date 12-Jul-79 time	2.39	3.48	4.54	5.57	6.68	7.69	8.79	9.88	11.02	12.24		13.74	/ 2			
reaction time interval		1.09	1.06	1.03	1.11	1.01	1.10	1.09	1.14	1.22	1.50			3.18	3.22	3.45

wind	2.8 m/s	velocity	5.44	7.80	8.02	8.25	7.66	8.42	7.73	7.80	7.46	6.97	7.00	7.28		8.02	7.92	7.39

Ørving, Tale (NOR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Windsprint (Sundwvall, SWE)													*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time	2.70	3.82	4.93	6.01	7.11	8.19	9.26	10.34	11.42	12.51		13.74	5 / 3			
reaction time	interval		1.12	1.11	1.08	1.10	1.08	1.07	1.08	1.08	1.09	1.23			3.31	3.25	3.25
wind 1.2 m/s	velocity	4.81	7.59	7.66	7.87	7.73	7.87	7.94	7.87	7.87	7.80	8.54	7.28		7.70	7.85	7.85

Kiriyama, Chie (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17	time	2.72	3.80	4.87	5.92	6.98	8.07	9.16	10.27	11.39	12.54		13.74	1 / 7			
reaction time	interval		1.08	1.07	1.05	1.06	1.09	1.09	1.11	1.12	1.15	1.20			3.20	3.24	3.38
wind 4.1 m/s	velocity	4.78	7.87	7.94	8.10	8.02	7.80	7.80	7.66	7.59	7.39	8.75	7.28		7.97	7.87	7.54

Lui Lai Yiu (HKG) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Chinese National Games (Tianjin, CHN)													*Henson (2017) - coaching observations*			
date 04-Sep-17	time	2.72	3.82	4.88	5.93	7.01	8.07	9.17	10.26	11.35	12.49		13.74	2 / 7			
reaction time	interval		1.10	1.06	1.05	1.08	1.06	1.10	1.09	1.09	1.14	1.25			3.21	3.24	3.32
wind -0.2 m/s	velocity	4.78	7.73	8.02	8.10	7.87	8.02	7.73	7.80	7.80	7.46	8.40	7.28		7.94	7.87	7.68

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.67	3.75	4.82	5.89	6.95	8.01	9.08	10.17	11.30	12.43		13.74	2 / 7			
reaction time 0.220	interval		1.08	1.07	1.07	1.06	1.06	1.07	1.09	1.13	1.13	1.31	PB		3.22	3.19	3.35
wind 0.3 m/s	velocity	4.87	7.87	7.94	7.94	8.02	8.02	7.94	7.80	7.52	7.52	8.02	7.28		7.92	7.99	7.61

Kanai, Marumi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Kinami Memorial (Osaka, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 06-May-19	time	2.75	3.85	4.96	6.04	7.11	8.19	9.27	10.36	11.47	12.58		13.74	8 / 8			
reaction time	interval		1.10	1.11	1.08	1.07	1.08	1.08	1.09	1.11	1.11	1.16			3.29	3.23	3.31
wind 0.6 m/s	velocity	4.73	7.73	7.66	7.87	7.94	7.87	7.87	7.80	7.66	7.66	9.05	7.28		7.75	7.89	7.70

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Michitaka Kinami Memorial (Osaka, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 24-Oct-20	time	2.71	3.80	4.86	5.95	7.02	8.09	9.18	10.27	11.37	12.50		13.74	3 / 8			
reaction time	interval		1.09	1.06	1.09	1.07	1.07	1.09	1.09	1.10	1.13	1.24			3.24	3.23	3.32
wind -1.4 m/s	velocity	4.80	7.80	8.02	7.80	7.94	7.94	7.80	7.80	7.73	7.52	8.10	7.28		7.87	7.89	7.68

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)													*CAA Hurdle Development (2019)*			
date 30-May-19	time	2.74	3.82	4.92	5.97	7.00	8.07	9.12	10.24	11.38	12.52		13.74	5 / 5			
reaction time 0.200	interval		1.08	1.10	1.05	1.03	1.07	1.05	1.12	1.14	1.14	1.22	=PB		3.23	3.15	3.40
wind -0.1 m/s	velocity	4.74	7.87	7.73	8.10	8.25	7.94	8.10	7.59	7.46	7.46	8.61	7.28		7.89	8.10	7.50

Miteva, Elena (BUL) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 15-Sep-20	time	2.72	3.78	4.88	5.94	7.00	8.08	9.16	10.28	11.40	12.52		13.74	7 / 6			
reaction time	interval	7 steps	1.06	1.10	1.06	1.06	1.08	1.08	1.12	1.12	1.12	1.22			3.22	3.22	3.36
wind 0.0 m/s	velocity	4.78	8.02	7.73	8.02	8.02	7.87	7.87	7.59	7.59	7.59	8.24	7.28		7.92	7.92	7.59

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.77	3.85	4.91	5.99	7.06	8.13	9.21	10.30	11.41	12.54		13.74	2 / 4			
reaction time 0.169	interval		1.08	1.06	1.08	1.07	1.07	1.08	1.09	1.11	1.13	1.20			3.22	3.22	3.33
wind 0.3 m/s	velocity	4.69	7.87	8.02	7.87	7.94	7.94	7.87	7.80	7.66	7.52	8.37	7.28		7.92	7.92	7.66

Broersen, Nadine (NED) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Aug-21	time	2.71	3.79	4.84	5.91	6.94	8.03	9.11	10.21	11.32	12.51		13.74	3 / 4			
reaction time 0.146	interval		1.08	1.05	1.07	1.03	1.09	1.08	1.10	1.11	1.19	1.23			3.20	3.20	3.40
wind 0.2 m/s	velocity	4.80	7.87	8.10	7.94	8.25	7.80	7.87	7.73	7.66	7.14	8.17	7.28		7.97	7.97	7.50

Chen Yanqi (CHN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 02-Sep-23	time	2.67	3.77	4.83	5.90	6.97	8.04	9.14	10.24	11.37	12.48		13.74	9 / 7			
reaction time 0.154	interval		1.10	1.06	1.07	1.07	1.07	1.10	1.10	1.13	1.11	1.26	PB		3.23	3.24	3.34
wind 0.1 m/s	velocity	4.87	7.73	8.02	7.94	7.94	7.94	7.73	7.73	7.52	7.66	7.98	7.28		7.89	7.87	7.63

Dimitrova, Svetla (BUL) (1970)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	2.70	3.78	4.78	5.78	6.80	7.78	8.96					13.75	/ 8			
reaction time 0.220	interval		1.08	1.00	1.00	1.02	0.98	1.18							3.08	3.18	
wind -0.7 m/s	velocity	4.81	7.87	8.50	8.50	8.33	8.67	7.20					7.27		8.28	8.02	

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2012 Olympic Games (London, GBR)																
date 06-Aug-12 time	2.64	3.66	4.69	5.70	6.71							13.75	5 / 7			
reaction time 0.169 interval		1.02	1.03	1.01	1.01									3.06		
wind 0.6 m/s velocity	4.92	8.33	8.25	8.42	8.42							7.27		8.33		

(2016.10.31) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en

Sasaki, Takashi (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN)																
date 06-May-18 time	2.74	3.82	4.91	5.97	7.05	8.13	9.21	10.31	11.42	12.54		13.75	3 / 6			
reaction time interval		1.08	1.09	1.06	1.08	1.08	1.08	1.10	1.11	1.12	1.21			3.23	3.24	3.33
wind -0.5 m/s velocity	4.74	7.87	7.80	8.02	7.87	7.87	7.87	7.73	7.66	7.59	8.68	7.27		7.89	7.87	7.66

Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad

Ayuhashi, Yumeka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm)																
date 07-Oct-18 time	2.71	3.81	4.90	5.94	7.02	8.08	9.17	10.27	11.37	12.50		13.75	1 / 2			
reaction time 0.159 interval		1.10	1.09	1.04	1.08	1.06	1.09	1.10	1.10	1.13	1.25			3.23	3.23	3.33
wind 2.0 m/s velocity	4.80	7.73	7.80	8.17	7.87	8.02	7.80	7.73	7.73	7.52	8.40	7.27		7.89	7.89	7.66

Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN)																
date 23-May-19 time	2.70	3.80	4.86	5.92	6.98	8.04	9.14	10.22	11.32	12.46		13.75	3 / 7			
reaction time 0.179 interval		1.10	1.06	1.06	1.06	1.06	1.10	1.08	1.10	1.14	1.29			3.22	3.22	3.32
wind 0.4 m/s velocity	4.81	7.73	8.02	8.02	8.02	8.02	7.73	7.87	7.73	7.46	8.14	7.27		7.92	7.92	7.68

CAA Hurdle Development (2019)

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)																
date 02-Aug-19 time	2.70	3.83	4.91	5.99	7.02	8.11	9.19	10.29	11.42	12.53		13.75	2 / 5			
reaction time 0.166 interval		1.13	1.08	1.08	1.03	1.09	1.08	1.10	1.13	1.11	1.22			3.29	3.20	3.34
wind 0.2 m/s velocity	4.81	7.52	7.87	7.87	8.25	7.80	7.87	7.73	7.52	7.66	8.61	7.27		7.75	7.97	7.63

CAA Hurdle Development (2019)

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)																
date 24-Aug-19 time	2.79	3.87	4.94	5.99	7.06	8.13	9.21	10.29	11.40	12.53		13.75	7 / 6			
reaction time 0.196 interval		1.08	1.07	1.05	1.07	1.07	1.08	1.08	1.11	1.13	1.22			3.20	3.22	3.32
wind -0.1 m/s velocity	4.66	7.87	7.94	8.10	7.94	7.94	7.87	7.87	7.66	7.52	8.61	7.27		7.97	7.92	7.68

CAA Hurdle Development (2019)

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 East China District Meeting (Zhaoqing, CHN)																
date 24-Apr-21 time	2.62	3.69	4.73	5.79	6.86	7.93	8.99	10.11	11.24	12.39		13.75	4 / 4			
reaction time 0.147 interval		1.07	1.04	1.06	1.07	1.07	1.06	1.12	1.13	1.15	1.36			3.17	3.20	3.40
wind 0.5 m/s velocity	4.96	7.94	8.17	8.02	7.94	7.94	8.02	7.59	7.52	7.39	7.39	7.27		8.04	7.97	7.50

CAA Hurdle Development (2021)

Lin Yuqian (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN)																
date 19-May-21 time	2.75	3.84	4.92	6.00	7.06	8.14	9.23	10.32	11.44	12.56		13.75	1 / 3			
reaction time 0.206 interval		1.09	1.08	1.08	1.06	1.08	1.09	1.09	1.12	1.12	1.19	PB		3.25	3.23	3.33
wind 0.2 m/s velocity	4.73	7.80	7.87	7.87	8.02	7.87	7.80	7.80	7.59	7.59	8.45	7.27		7.85	7.89	7.66

CAA Hurdle Development (2021)

Xia Sining (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)																
date 25-Jun-21 time	2.74	3.84	4.90	5.95	7.04	8.10	9.19	10.26	11.38	12.50		13.75	6 / 3			
reaction time 0.216 interval		1.10	1.06	1.05	1.09	1.06	1.09	1.07	1.12	1.12	1.25			3.21	3.24	3.31
wind -0.3 m/s velocity	4.74	7.73	8.02	8.10	7.80	8.02	7.80	7.94	7.59	7.59	8.04	7.27		7.94	7.87	7.70

CAA Hurdle Development (2021)

Takahashi, Ami (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)																
date 01-Aug-21 time	2.69	3.81	4.89	5.97	7.05	8.15	9.22	10.33	11.42	12.54		13.75	7 / 6			
reaction time 0.151 interval		1.12	1.08	1.08	1.08	1.10	1.07	1.11	1.09	1.12	1.21	PB		3.28	3.25	3.32
wind 1.8 m/s velocity	4.83	7.59	7.87	7.87	7.87	7.73	7.94	7.66	7.80	7.59	8.31	7.27		7.77	7.85	7.68

Shibayama (2021) - national high school and U20 national championhsips

Tezuka, Mai (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)																
date 29-Apr-22 time	2.75	3.85	4.93	6.01	7.09	8.15	9.24	10.33	11.42	12.55		13.75	1 / 3			
reaction time 0.171 interval		1.10	1.08	1.08	1.08	1.06	1.09	1.09	1.09	1.13	1.20			3.26	3.23	3.31
wind 0.3 m/s velocity	4.73	7.73	7.87	7.87	7.87	8.02	7.80	7.80	7.80	7.52	8.38	7.27		7.82	7.89	7.70

Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season

Lindeblad, Elin (SWE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)																
date 02-Jul-23 time	2.57	3.69	4.79	5.86	6.92	8.01	9.08	10.16	11.25	12.36		13.75	5 / 4			
reaction time 0.140 interval		1.12	1.10	1.07	1.06	1.09	1.07	1.08	1.09	1.11	1.39			3.29	3.22	3.28
wind 0.6 m/s velocity	5.06	7.59	7.73	7.94	8.02	7.80	7.94	7.87	7.80	7.66	7.23	7.27		7.75	7.92	7.77

Omega Timing (2023) - diamond league race analysis

Wu Binbin (CHN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23 time	2.69	3.79	4.87	5.96	7.04	8.14	9.26	10.35	11.47	12.59		13.75	2 / 5			
reaction time 0.213 interval		1.10	1.08	1.09	1.08	1.10	1.12	1.09	1.12	1.12	1.16			3.27	3.30	3.33
wind 0.3 m/s velocity	4.83	7.73	7.87	7.80	7.87	7.73	7.59	7.80	7.59	7.59	8.66	7.27		7.80	7.73	7.66

Suzuki, Miho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2024 Mikio Oda Memorial (Hiroshima, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 29-Apr-24 time	2.79	3.89	4.95	6.02	7.10	8.17	9.25	10.34	11.44	12.54		13.75	1 / 8			
reaction time 0.203 interval		1.10	1.06	1.07	1.08	1.07	1.08	1.09	1.10	1.10	1.21			3.23	3.23	3.29
wind -0.6 m/s velocity	4.66	7.73	8.02	7.94	7.87	7.94	7.87	7.80	7.73	7.73	8.31	7.27		7.89	7.89	7.75

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	2.72	3.82	4.92	6.00	7.07	8.14	9.23	10.36	11.46	12.58		13.75	5 / 3			
reaction time 0.175 interval		1.10	1.10	1.08	1.07	1.07	1.09	1.13	1.10	1.12	1.17			3.28	3.23	3.35
wind 0.0 m/s velocity	4.78	7.73	7.73	7.87	7.94	7.94	7.80	7.52	7.73	7.59	8.59	7.27		7.77	7.89	7.61

Mardomingo, María José (ESP) (196

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1989 IAAF World Cup (Barcelona, ESP)													*Gill (1990) - atletismo (I) carreras y marcha*			
date 09-Sep-89 time	2.71	3.78	4.85	5.93	7.01	8.14	9.26	10.38	11.48	12.58		13.76	**/ 7**			
reaction time interval		1.07	1.07	1.08	1.08	1.13	1.12	1.12	1.10	1.10	1.18			3.22	3.33	3.32
wind -0.33 m/s velocity	4.80	7.94	7.94	7.87	7.87	7.52	7.59	7.59	7.73	7.73	8.90	7.27		7.92	7.66	7.68

Kimura, Ayako (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 25-Jun-09 time	2.56	3.67	4.75	5.82	6.89	7.97	9.06	10.15	11.26	12.39		13.76	5 / 2			
reaction time interval		1.11	1.08	1.07	1.07	1.08	1.09	1.09	1.11	1.13	1.37	PB		3.26	3.24	3.33
wind 1.5 m/s velocity	5.08	7.66	7.87	7.94	7.94	7.87	7.80	7.80	7.66	7.52	7.66	7.27		7.82	7.87	7.66

Tomková, Helena (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14 time	2.81	3.91	4.98	6.05	7.11	8.18	9.27	10.35	11.45	12.56		13.76	6 / 3			
reaction time 0.176 interval		1.10	1.07	1.07	1.06	1.07	1.09	1.08	1.10	1.11	1.20			3.24	3.22	3.29
wind 0.4 m/s velocity	4.63	7.73	7.94	7.94	8.02	7.94	7.80	7.87	7.73	7.66	8.75	7.27		7.87	7.92	7.75

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 06-May-18 time	2.73	3.82	4.90	5.95	7.01	8.07	9.16	10.26	11.37	12.51		13.76	9 / 7			
reaction time interval		1.09	1.08	1.05	1.06	1.06	1.09	1.10	1.11	1.14	1.25			3.22	3.21	3.35
wind -0.5 m/s velocity	4.76	7.80	7.87	8.10	8.02	8.02	7.80	7.73	7.66	7.46	8.40	7.27		7.92	7.94	7.61

Soma, Eriko (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 20-May-18 time	2.67	3.76	4.83	5.92	7.00	8.08	9.18	10.29	11.40	12.52		13.76	9 / 8			
reaction time 0.141 interval		1.09	1.07	1.09	1.08	1.08	1.10	1.11	1.11	1.12	1.24			3.25	3.26	3.34
wind -0.6 m/s velocity	4.87	7.80	7.94	7.80	7.87	7.87	7.73	7.66	7.66	7.59	8.47	7.27		7.85	7.82	7.63

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 09-Apr-19 time	2.72	3.84	4.93	6.00	7.06	8.14	9.21	10.30	11.41	12.49		13.76	3 / 6			
reaction time 0.167 interval		1.12	1.09	1.07	1.06	1.08	1.07	1.09	1.11	1.08	1.27			3.28	3.21	3.28
wind 0.1 m/s velocity	4.78	7.59	7.80	7.94	8.02	7.87	7.94	7.80	7.66	7.87	8.27	7.27		7.77	7.94	7.77

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.62	3.72	4.81	5.87	6.94	8.02	9.09	10.19	11.32	12.43		13.76	7 / 2			
reaction time 0.161 interval		1.10	1.09	1.06	1.07	1.08	1.07	1.10	1.13	1.11	1.33	PB		3.25	3.22	3.34
wind -0.1 m/s velocity	4.96	7.73	7.80	8.02	7.94	7.87	7.94	7.73	7.52	7.66	7.89	7.27		7.85	7.92	7.63

Karlsson, Lovisa (SWE) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 23-Aug-20 time	2.70	3.77	4.83	5.90	6.97	8.03	9.13	10.23	11.37	12.50		13.76	5 / 5			
reaction time 0.152 interval		1.07	1.06	1.07	1.07	1.06	1.10	1.10	1.14	1.13	1.26			3.20	3.23	3.37
wind 1.4 m/s velocity	4.81	7.94	8.02	7.94	7.94	8.02	7.73	7.73	7.46	7.52	7.98	7.27		7.97	7.89	7.57

Niao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.72	3.80	4.87	5.95	7.02	8.09	9.18	10.28	11.41	12.54		13.76	8 / 5			
reaction time 0.169 interval		1.08	1.07	1.08	1.07	1.07	1.09	1.10	1.13	1.13	1.22			3.23	3.23	3.36
wind -0.6 m/s velocity	4.78	7.87	7.94	7.87	7.94	7.94	7.80	7.73	7.52	7.52	8.24	7.27		7.89	7.89	7.59

Hemphill, Megu (JPN) (1996)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Takefu (2023) - performance analysis of heptathletes in the 2022 season*

date	30-Apr-22	time	2.75	3.85	4.92	5.97	7.03	8.08	9.15	10.23	11.34	12.47		13.76	3 / 1			
reaction time	0.159	interval		1.10	1.07	1.05	1.06	1.05	1.07	1.08	1.11	1.13	1.29			3.22	3.18	3.32
wind	-0.6 m/s	velocity	4.73	7.73	7.94	8.10	8.02	8.10	7.94	7.87	7.66	7.52	7.79	7.27		7.92	8.02	7.68

Kamada, Saki (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	01-May-22	time	2.67	3.75	4.83	5.86	6.97	8.05	9.17	10.26	11.37	12.51		13.76	9 / 7			
reaction time	0.144	interval		1.08	1.08	1.03	1.11	1.08	1.12	1.09	1.11	1.14	1.25			3.19	3.31	3.34
wind	-0.6 m/s	velocity	4.87	7.87	7.87	8.25	7.66	7.87	7.59	7.80	7.66	7.46	8.04	7.27		7.99	7.70	7.63

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	27-May-23	time	2.65	3.74	4.84	5.91	6.97	8.05	9.14	10.23	11.34	12.48		13.76	6 / 2			
reaction time	0.129	interval		1.09	1.10	1.07	1.06	1.08	1.09	1.09	1.11	1.14	1.28			3.26	3.23	3.34
wind	-1.2 m/s	velocity	4.91	7.80	7.73	7.94	8.02	7.87	7.80	7.80	7.66	7.46	7.85	7.27		7.82	7.89	7.63

Azcárate, Nerea (ESP) (1974)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1998 Spanish National Championships (San Sebastián, ESP) *Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*

date	01-Aug-98	time	2.60	3.66	4.77	5.84	6.93	7.99	9.08	10.18	11.25	12.39		13.77	4 / 2			
reaction time		interval		1.06	1.11	1.07	1.09	1.06	1.09	1.10	1.07	1.14	1.38			3.24	3.24	3.31
wind	0.0 m/s	velocity	5.00	8.02	7.66	7.94	7.80	8.02	7.80	7.73	7.94	7.46	7.61	7.26		7.87	7.87	7.70

Troppa, Claudia (ESP) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2007 European Cup (Munich, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	24-Jun-07	time	2.78	3.85	4.97	6.04	7.12	8.18	9.26	10.33	11.42	12.54		13.77	/ 8			
reaction time	0.147	interval		1.07	1.12	1.07	1.08	1.06	1.08	1.07	1.09	1.12	1.23			3.26	3.22	3.28
wind	0.9 m/s	velocity	4.68	7.94	7.59	7.94	7.87	8.02	7.87	7.94	7.80	7.59	8.54	7.26		7.82	7.92	7.77

Cachová, Katerina (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.76	3.85	4.91	6.02	7.07	8.15	9.24	10.35	11.47	12.58		13.77	3 / 3			
reaction time	0.200	interval		1.09	1.06	1.11	1.05	1.08	1.09	1.11	1.12	1.11	1.19			3.26	3.22	3.34
wind	0.3 m/s	velocity	4.71	7.80	8.02	7.66	8.10	7.87	7.80	7.66	7.59	7.66	8.82	7.26		7.82	7.92	7.63

Lindenmayer, Sabrina (GER) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2014 Sparkassen Gala (Regensburg, GER) *Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*

date	07-Jun-14	time	2.74	3.81	4.91	6.00	7.08	8.16	9.24	10.32	11.45	12.56		13.77	/ 3			
reaction time		interval		1.07	1.10	1.09	1.08	1.08	1.08	1.08	1.13	1.11	1.21			3.26	3.24	3.32
wind	-0.5 m/s	velocity	4.74	7.94	7.73	7.80	7.87	7.87	7.87	7.87	7.52	7.66	8.68	7.26		7.82	7.87	7.68

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Kinki Area High School Championships (Kobe, JPN) *(2016.06.19) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	19-Jun-16	time	2.63	3.73	4.81	5.87	6.94	8.01	9.13	10.23	11.34	12.49		13.77	7 / 1			
reaction time		interval		1.10	1.08	1.06	1.07	1.07	1.12	1.10	1.11	1.15	1.28			3.24	3.26	3.36
wind	-0.6 m/s	velocity	4.94	7.73	7.87	8.02	7.94	7.94	7.59	7.73	7.66	7.39	8.20	7.26		7.87	7.82	7.59

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Fuse Sprint (Tottori, JPN) *(2017) - tfdata-store.com/2017/06/04/post-848/*

date	04-Jun-17	time	2.74	3.85	4.94	6.03	7.12	8.20	9.30	10.39	11.49	12.60		13.77	7 / 6			
reaction time		interval		1.11	1.09	1.09	1.09	1.08	1.10	1.09	1.10	1.11	1.17			3.29	3.27	3.30
wind	3.7 m/s	velocity	4.74	7.66	7.80	7.80	7.80	7.87	7.73	7.80	7.73	7.66	8.97	7.26		7.75	7.80	7.73

Toki, Asaki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	07-Oct-18	time	2.70	3.77	4.84	5.90	6.97	8.06	9.15	10.26	11.38	12.52		13.77	5 / 3			
reaction time	0.164	interval		1.07	1.07	1.06	1.07	1.09	1.09	1.11	1.12	1.14	1.25			3.20	3.25	3.37
wind	2.0 m/s	velocity	4.81	7.94	7.94	8.02	7.94	7.80	7.80	7.66	7.59	7.46	8.40	7.26		7.97	7.85	7.57

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.70	3.79	4.87	5.94	7.04	8.09	9.19	10.29	11.40	12.54		13.77	9 / 2			
reaction time	0.151	interval		1.09	1.08	1.07	1.10	1.05	1.10	1.10	1.11	1.14	1.23			3.24	3.25	3.35
wind	-0.2 m/s	velocity	4.81	7.80	7.87	7.94	7.73	8.10	7.73	7.73	7.66	7.46	8.54	7.26		7.87	7.85	7.61

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN) *CAA Hurdle Development (2021)*

date	23-May-21	time	2.71	3.80	4.85	5.93	6.98	8.05	9.12	10.25	11.35	12.49		13.77	8 / 6			
reaction time	0.167	interval		1.09	1.05	1.08	1.05	1.07	1.07	1.13	1.10	1.14	1.28			3.22	3.19	3.37
wind	-0.5 m/s	velocity	4.80	7.80	8.10	7.87	8.10	7.94	7.94	7.52	7.73	7.46	7.85	7.26		7.92	7.99	7.57

Lin Yuqian (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.75	3.85	4.94	6.00	7.07	8.12	9.22	10.31	11.43	12.56		13.77	3 / 4			
reaction time	0.201	interval		1.10	1.09	1.06	1.07	1.05	1.10	1.09	1.12	1.13	1.21			3.25	3.22	3.34
wind	-0.3 m/s	velocity	4.73	7.73	7.80	8.02	7.94	8.10	7.73	7.80	7.59	7.52	8.31	7.26		7.85	7.92	7.63

Yoshida, Erika (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	26-Jun-21	time	2.69	3.80	4.90	5.97	7.03	8.10	9.19	10.29	11.39	12.53		13.77	9 / 2			
reaction time	0.172	interval		1.11	1.10	1.07	1.06	1.07	1.09	1.10	1.10	1.14	1.24	PB		3.28	3.22	3.34
wind	0.2 m/s	velocity	4.83	7.66	7.73	7.94	8.02	7.94	7.80	7.73	7.73	7.46	8.10	7.26		7.77	7.92	7.63

Omura, Mika (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	01-May-22	time	2.72	3.80	4.87	5.96	7.01	8.09	9.20	10.30	11.42	12.55		13.77	8 / 8			
reaction time	0.125	interval		1.08	1.07	1.09	1.05	1.08	1.11	1.10	1.12	1.13	1.22			3.24	3.24	3.35
wind	-0.6 m/s	velocity	4.78	7.87	7.94	7.80	8.10	7.87	7.66	7.73	7.59	7.52	8.24	7.26		7.87	7.87	7.61

Grabuste, Aiga (LAT) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.76	3.86	4.94	6.02	7.09	8.16	9.24	10.34	11.44	12.56		13.78	5 / 8			
reaction time	0.181	interval		1.10	1.08	1.08	1.07	1.07	1.08	1.10	1.10	1.12	1.22			3.26	3.22	3.32
wind	-0.4 m/s	velocity	4.71	7.73	7.87	7.87	7.94	7.94	7.87	7.73	7.73	7.59	8.61	7.26		7.82	7.92	7.68

De Aniceto, Marisa (FRA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.80	3.92	5.00	6.07	7.12	8.20	9.28	10.38	11.48	12.59		13.78	6 / 6			
reaction time	0.217	interval		1.12	1.08	1.07	1.05	1.08	1.08	1.10	1.10	1.11	1.19			3.27	3.21	3.31
wind	-0.2 m/s	velocity	4.64	7.59	7.87	7.94	8.10	7.87	7.87	7.73	7.73	7.66	8.82	7.26		7.80	7.94	7.70

Makakala, Fatima (SWE) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2011 Windsprint (Sundsvall, SWE) *Blomkvist (2011) - www.sub13.se*

date	31-Jul-11	time	2.70	3.76	4.82	5.90	6.97	8.05	9.13	10.26	11.40	12.54		13.78	/ 4			
reaction time		interval		1.06	1.06	1.08	1.07	1.08	1.08	1.13	1.14	1.14	1.24			3.20	3.23	3.41
wind	1.4 m/s	velocity	4.81	8.02	8.02	7.87	7.94	7.87	7.87	7.52	7.46	7.46	8.47	7.26		7.97	7.89	7.48

Nomura, Yuka (JPN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Fuse Sprint (Tottori, JPN) *(2017) - tfdata-store.com/2017/06/04/post-848/*

date	04-Jun-17	time	2.63	3.73	4.83	5.90	6.98	8.06	9.14	10.25	11.38	12.53		13.78	3 / 7			
reaction time		interval		1.10	1.10	1.07	1.08	1.08	1.08	1.11	1.13	1.15	1.25			3.27	3.24	3.39
wind	3.7 m/s	velocity	4.94	7.73	7.73	7.94	7.87	7.87	7.87	7.66	7.52	7.39	8.40	7.26		7.80	7.87	7.52

Sun Minjing (CHN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Henson (2017) - coaching observations*

date	04-Sep-17	time	2.75	3.83	4.92	5.98	7.03	8.09	9.13	10.23	11.34	12.49		13.78	9 / 8			
reaction time		interval		1.08	1.09	1.06	1.05	1.06	1.04	1.10	1.11	1.15	1.29			3.23	3.15	3.36
wind	-0.2 m/s	velocity	4.73	7.87	7.80	8.02	8.10	8.02	8.17	7.73	7.66	7.39	8.14	7.26		7.89	8.10	7.59

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN) *CAA Hurdle Development (2019)*

date	08-Apr-19	time	2.72	3.82	4.90	5.97	7.04	8.11	9.18	10.28	11.40	12.50		13.78	2 / 2			
reaction time	0.181	interval		1.10	1.08	1.07	1.07	1.07	1.07	1.10	1.12	1.10	1.28			3.25	3.21	3.32
wind	0.1 m/s	velocity	4.78	7.73	7.87	7.94	7.94	7.94	7.94	7.73	7.59	7.73	8.20	7.26		7.85	7.94	7.68

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.74	3.84	4.91	6.00	7.06	8.13	9.22	10.30	11.42	12.56		13.78	7 / 2			
reaction time	0.163	interval		1.10	1.07	1.09	1.06	1.07	1.09	1.08	1.12	1.14	1.22			3.26	3.22	3.34
wind	0.7 m/s	velocity	4.74	7.73	7.94	7.80	8.02	7.94	7.80	7.87	7.59	7.46	8.61	7.26		7.82	7.92	7.63

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN) *CAA Hurdle Development (2021)*

date	11-May-21	time	2.72	3.81	4.90	5.97	7.02	8.09	9.16	10.25	11.36	12.49		13.78	5 / 3			
reaction time		interval		1.09	1.09	1.07	1.05	1.07	1.07	1.09	1.11	1.13	1.29			3.25	3.19	3.33
wind	-0.6 m/s	velocity	4.78	7.80	7.80	7.94	8.10	7.94	7.94	7.80	7.66	7.52	7.79	7.26		7.85	7.99	7.66

Shimano, Mao (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) *Kijima (2019) - research on athlete performance and technique- 2019 data book*

date	18-Oct-19	time	2.71	3.81	4.85	5.91	6.97	8.05	9.15	10.24	11.39	12.53		13.78	4 / 2			
reaction time	0.153	interval		1.10	1.04	1.06	1.06	1.08	1.10	1.09	1.15	1.14	1.25			3.20	3.24	3.38
wind	-0.5 m/s	velocity	4.80	7.73	8.17	8.02	8.02	7.87	7.73	7.80	7.39	7.46	8.40	7.26		7.97	7.87	7.54

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Japanese National Multi-Event Championships (Gifu, JPN) *Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*

date	22-Jun-24	time	2.77	3.87	4.95	6.01	7.07	8.12	9.21	10.29	11.39	12.51		13.78	8 / 2			

reaction time		interval		1.10	1.08	1.06	1.06	1.05	1.09	1.08	1.10	1.12	1.27			3.24	3.20	3.30
wind	-1.4 m/s	velocity	4.69	7.73	7.87	8.02	8.02	8.10	7.80	7.87	7.73	7.59	7.91	7.26		7.87	7.97	7.73

Gotou, Wakana (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN) — *Takashima (2024) - national high school sports festival - biomechanics data*

date	01-Aug-24	time	2.72	3.79	4.86	5.96	7.03	8.10	9.19	10.29	11.39	12.52		13.78	4 / 5			
reaction time	0.169	interval		1.07	1.07	1.10	1.07	1.07	1.09	1.10	1.10	1.13	1.26			3.24	3.23	3.33
wind	1.0 m/s	velocity	4.78	7.94	7.94	7.73	7.94	7.94	7.80	7.73	7.73	7.52	7.98	7.26		7.87	7.89	7.66

Koudelová, Lucie (CZE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 Czech Republic National Championships (Tábor, CZE) — *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.78	3.92	5.00	6.09	7.16	8.23	9.31	10.40	11.49	12.61		13.79	6 / 4			
reaction time	0.171	interval		1.14	1.08	1.09	1.07	1.07	1.08	1.09	1.09	1.12	1.18			3.31	3.22	3.30
wind	0.3 m/s	velocity	4.68	7.46	7.87	7.80	7.94	7.94	7.87	7.80	7.80	7.59	8.90	7.25		7.70	7.92	7.73

Kiyoyama, Chisato (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN) — *Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*

date	29-Apr-16	time	2.76	3.90	4.98	6.04	7.12	8.19	9.25	10.35	11.43	12.56		13.79	1 / 7			
reaction time		interval		1.14	1.08	1.06	1.08	1.07	1.06	1.10	1.08	1.13	1.23			3.28	3.21	3.31
wind	1.1 m/s	velocity	4.71	7.46	7.87	8.02	7.87	7.94	8.02	7.73	7.87	7.52	8.54	7.25		7.77	7.94	7.70

Horiike, Kaho (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Japanese University Championships (Kumagaya, JPN) — *(2016.09.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	04-Sep-16	time	2.72	3.81	4.89	5.96	7.05	8.15	9.26	10.35	11.46	12.59		13.79	8 / 5			
reaction time	0.165	interval		1.09	1.08	1.07	1.09	1.10	1.11	1.09	1.11	1.13	1.20			3.24	3.30	3.33
wind	-0.2 m/s	velocity	4.78	7.80	7.87	7.94	7.80	7.73	7.66	7.80	7.66	7.52	8.75	7.25		7.87	7.73	7.66

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Championships (Shenyang, CHN) — *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.76	3.86	4.96	6.03	7.08	8.18	9.26	10.36	11.46	12.58		13.79	4 / 3			
reaction time	0.181	interval		1.10	1.10	1.07	1.05	1.10	1.08	1.10	1.10	1.12	1.21			3.27	3.23	3.32
wind	0.7 m/s	velocity	4.71	7.73	7.73	7.94	8.10	7.73	7.87	7.73	7.73	7.59	8.68	7.25		7.80	7.89	7.68

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2019 Chinese National Championships (Shenyang, CHN) — *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.79	3.88	4.96	6.04	7.10	8.20	9.28	10.38	11.48	12.60		13.79	8 / 4			
reaction time	0.266	interval		1.09	1.08	1.08	1.06	1.10	1.08	1.10	1.10	1.12	1.19			3.25	3.24	3.32
wind	1.3 m/s	velocity	4.66	7.80	7.87	7.87	8.02	7.73	7.87	7.73	7.73	7.59	8.82	7.25		7.85	7.87	7.68

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) — *Kijima (2019) - research on athlete performance and technique- 2019 data book*

date	18-Oct-19	time	2.72	3.79	4.86	5.90	6.98	8.04	9.11	10.21	11.35	12.49		13.79	5 / 3			
reaction time	0.133	interval		1.07	1.07	1.04	1.08	1.06	1.07	1.10	1.14	1.14	1.30			3.18	3.21	3.38
wind	-0.5 m/s	velocity	4.78	7.94	7.94	8.17	7.87	8.02	7.94	7.73	7.46	7.46	8.08	7.25		8.02	7.94	7.54

Omura, Mika (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN) — *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	20-Sep-20	time	2.70	3.79	4.85	5.94	7.01	8.09	9.18	10.28	11.39	12.54		13.79	3 / 8			
reaction time	0.153	interval		1.09	1.06	1.09	1.07	1.08	1.09	1.10	1.11	1.15	1.25			3.24	3.24	3.36
wind	0.0 m/s	velocity	4.81	7.80	8.02	7.80	7.94	7.87	7.80	7.73	7.66	7.39	8.04	7.25		7.87	7.87	7.59

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2021 National Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.70	3.82	4.92	6.00	7.08	8.16	9.24	10.30	11.42	12.54		13.79	2 / 2			
reaction time	0.175	interval		1.12	1.10	1.08	1.08	1.08	1.08	1.06	1.12	1.12	1.25			3.30	3.24	3.30
wind	0.4 m/s	velocity	4.81	7.59	7.73	7.87	7.87	7.87	7.87	8.02	7.59	7.59	8.04	7.25		7.73	7.87	7.73

Takeuchi, Maya (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN) — *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	29-Apr-22	time	2.70	3.84	4.95	6.03	7.09	8.18	9.25	10.34	11.47	12.59		13.79	3 / 4			
reaction time	0.179	interval		1.14	1.11	1.08	1.06	1.09	1.07	1.09	1.13	1.12	1.20			3.33	3.22	3.34
wind	0.3 m/s	velocity	4.81	7.46	7.66	7.87	8.02	7.80	7.94	7.80	7.52	7.59	8.38	7.25		7.66	7.92	7.63

Boons, Eefje (NED) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2024 FBK Games (Hengelo, NED) — *Omega Timing (2024) - continental tour gold race analysis*

date	07-Jul-24	time	2.65	3.78	4.86	5.92	6.97	8.02	9.09	10.18	11.30	12.42		13.79	1 / 9			
reaction time	0.176	interval		1.13	1.08	1.06	1.05	1.05	1.07	1.09	1.12	1.12	1.37			3.27	3.17	3.33
wind	0.3 m/s	velocity	4.91	7.52	7.87	8.02	8.10	8.10	7.94	7.80	7.59	7.59	7.34	7.25		7.80	8.04	7.66

Kinashi, Mitsuna (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN) — *Takashima (2023) - national high school sports festival - biomechanics data*

date	06-Aug-23	time	2.74	3.86	4.95	6.00	7.07	8.15	9.22	10.33	11.44	12.58		13.79	3 / 4			
reaction time	0.166	interval		1.12	1.09	1.05	1.07	1.08	1.07	1.11	1.11	1.14	1.21			3.26	3.22	3.36

wind	0.8 m/s	velocity	4.74	7.59	7.80	8.10	7.94	7.87	7.94	7.66	7.66	7.46	8.31	7.25		7.82	7.92	7.59

Schwarzkopf, Lilli (GER) (1983)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.79	3.87	4.95	6.01	7.09	8.15	9.22	10.33	11.45	12.57		13.80	4 / 2			
reaction time 0.143	interval		1.08	1.08	1.06	1.08	1.06	1.07	1.11	1.12	1.12	1.23			3.22	3.21	3.35
wind -0.3 m/s	velocity	4.66	7.87	7.87	8.02	7.87	8.02	7.94	7.66	7.59	7.59	8.54	7.25		7.92	7.94	7.61

Lundahl, Caroline (SWE) (199`)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Windsprint (Sundsvall, SWE)													*Blomkvist (2012) - www.sub13.se*			
date 17-Jun-12	time	2.79	3.87	4.94	5.99	7.04	8.15	9.20	10.30	11.42	12.57		13.80	/ 3			
reaction time	interval		1.08	1.07	1.05	1.05	1.11	1.05	1.10	1.12	1.15	1.23			3.20	3.21	3.37
wind 0.8 m/s	velocity	4.66	7.87	7.94	8.10	8.10	7.66	8.10	7.73	7.59	7.39	8.54	7.25		7.97	7.94	7.57

Cachová, Katerina (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.79	3.88	4.95	6.02	7.10	8.14	9.20	10.35	11.43	12.56		13.80	6 / 2			
reaction time 0.204	interval		1.09	1.07	1.07	1.08	1.04	1.06	1.15	1.08	1.13	1.24			3.23	3.18	3.36
wind 0.2 m/s	velocity	4.66	7.80	7.94	7.94	7.87	8.17	8.02	7.39	7.87	7.52	8.47	7.25		7.89	8.02	7.59

Hamáčková, Barbora (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.76	3.88	4.96	6.01	7.07	8.13	9.21	10.27	11.38	12.51		13.80	3 / 3			
reaction time 0.184	interval		1.12	1.08	1.05	1.06	1.06	1.08	1.06	1.11	1.13	1.29	=PB		3.25	3.20	3.30
wind 0.2 m/s	velocity	4.71	7.59	7.87	8.10	8.02	8.02	7.87	8.02	7.66	7.52	8.14	7.25		7.85	7.97	7.73

Sasaki, Ten (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.10.21) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.66	3.74	4.82	5.88	6.95	8.02	9.11	10.21	11.32	12.49		13.80	5 / 2			
reaction time	interval		1.08	1.08	1.06	1.07	1.07	1.09	1.10	1.11	1.17	1.31			3.22	3.23	3.38
wind 1.2 m/s	velocity	4.89	7.87	7.87	8.02	7.94	7.94	7.80	7.73	7.66	7.26	8.02	7.25		7.92	7.89	7.54

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)													*(2017) - tfdata-store.com/2017/05/01/458/*			
date 29-Apr-17	time	2.72	3.84	4.93	6.00	7.08	8.17	9.25	10.36	11.47	12.59		13.80	8 / 8			
reaction time	interval		1.12	1.09	1.07	1.08	1.09	1.08	1.11	1.11	1.12	1.21			3.28	3.25	3.34
wind 4.1 m/s	velocity	4.78	7.59	7.80	7.94	7.87	7.80	7.87	7.66	7.66	7.59	8.68	7.25		7.77	7.85	7.63

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17	time	2.70	3.81	4.92	5.99	7.07	8.15	9.25	10.35	11.46	12.59		13.80	5 / 5			
reaction time	interval		1.11	1.11	1.07	1.08	1.08	1.10	1.10	1.11	1.13	1.21			3.29	3.26	3.34
wind -0.6 m/s	velocity	4.81	7.66	7.66	7.94	7.87	7.87	7.73	7.73	7.66	7.52	8.68	7.25		7.75	7.82	7.63

Nagasaki, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)													*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-18	time	2.70	3.80	4.89	5.98	7.06	8.14	9.24	10.34	11.45	12.58		13.80	6 / 5			
reaction time	interval		1.10	1.09	1.09	1.08	1.08	1.10	1.10	1.11	1.13	1.22			3.28	3.26	3.34
wind -0.3 m/s	velocity	4.81	7.73	7.80	7.80	7.87	7.87	7.73	7.73	7.66	7.52	8.61	7.25		7.77	7.82	7.63

Utsunomiya, Eri (JPN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)													*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18	time	2.74	3.83	4.94	6.02	7.09	8.19	9.31	10.39	11.49	12.62		13.80	5 / 3			
reaction time	interval		1.09	1.11	1.08	1.07	1.10	1.12	1.08	1.10	1.13	1.18	PB		3.28	3.29	3.31
wind 1.6 m/s	velocity	4.74	7.80	7.66	7.87	7.94	7.73	7.59	7.87	7.73	7.52	8.90	7.25		7.77	7.75	7.70

Matsumoto, Kaotaya (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 07-Oct-18	time	2.67	3.76	4.85	5.92	6.99	8.07	9.18	10.28	11.40	12.53		13.80	7 / 4			
reaction time 0.152	interval		1.09	1.09	1.07	1.07	1.08	1.11	1.10	1.12	1.13	1.27			3.25	3.26	3.35
wind 2.0 m/s	velocity	4.87	7.80	7.80	7.94	7.94	7.87	7.66	7.73	7.59	7.52	8.27	7.25		7.85	7.82	7.61

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)													*CAA Hurdle Development (2019)*			
date 30-May-19	time	2.73	3.82	4.92	5.95	7.02	8.09	9.19	10.31	11.42	12.58		13.80	4 / 6			
reaction time 0.180	interval		1.09	1.10	1.03	1.07	1.07	1.10	1.12	1.11	1.16	1.22			3.22	3.24	3.39
wind -0.1 m/s	velocity	4.76	7.80	7.73	8.25	7.94	7.94	7.73	7.59	7.66	7.33	8.61	7.25		7.92	7.87	7.52

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 24-Aug-19	time	2.77	3.87	4.99	6.06	7.12	8.19	9.24	10.36	11.46	12.58		13.80	2 / 7			
reaction time 0.225	interval		1.10	1.12	1.07	1.06	1.07	1.05	1.12	1.10	1.12	1.22			3.29	3.18	3.34
wind -0.1 m/s	velocity	4.69	7.73	7.59	7.94	8.02	7.94	8.10	7.59	7.73	7.59	8.61	7.25		7.75	8.02	7.63

Kamada, Saki (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Race 2 - 2020 World Athletics Trials (Fuji, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 06-Sep-20	time	2.70	3.80	4.90	5.98	7.03	8.11	9.20	10.29	11.41	12.54		13.80	/ 6			
reaction time	interval		1.10	1.10	1.08	1.05	1.08	1.09	1.09	1.12	1.13	1.26			3.28	3.22	3.34
wind 1.3 m/s	velocity	4.81	7.73	7.73	7.87	8.10	7.87	7.80	7.80	7.59	7.52	7.98	7.25		7.77	7.92	7.63

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 08-Apr-21	time	2.76	3.88	4.96	6.04	7.12	8.20	9.30	10.38	11.48	12.62		13.80	8 / 4			
reaction time	interval		1.12	1.08	1.08	1.08	1.08	1.10	1.08	1.10	1.14	1.18			3.28	3.26	3.32
wind -0.1 m/s	velocity	4.71	7.59	7.87	7.87	7.87	7.87	7.73	7.87	7.73	7.46	8.52	7.25		7.77	7.82	7.68

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23	time	2.78	3.89	4.97	6.05	7.12	8.21	9.29	10.38	11.48	12.61		13.80	7 / 6			
reaction time 0.249	interval		1.11	1.08	1.08	1.07	1.09	1.08	1.09	1.10	1.13	1.19			3.27	3.24	3.32
wind 0.3 m/s	velocity	4.68	7.66	7.87	7.87	7.94	7.80	7.87	7.80	7.73	7.52	8.45	7.25		7.80	7.87	7.68

Mathews, Brenda (NZL) (1949)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 1972 Olympic Games (Munich, FRG)													*Letzelter (1977) - Hurdensprint: geschwindigkeitsverlauf und spezielle eigenschaften*			
date 04-Sep-72	time	2.5				6.9							13.81	4 / 5			
reaction time	interval					4.4											
wind -0.6 m/s	velocity	5.12				7.80							7.24				

Shiba, Risa (JPN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2009 Japanese National Championships (Hiroshima, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 25-Jun-09	time	2.46	3.57	4.66	5.74	6.82	7.91	9.01	10.12	11.24	12.37		13.81	4 / 2			
reaction time	interval		1.11	1.09	1.08	1.08	1.09	1.10	1.11	1.12	1.13	1.44			3.28	3.27	3.36
wind 0.0 m/s	velocity	5.28	7.66	7.80	7.87	7.87	7.80	7.73	7.66	7.59	7.52	7.29	7.24		7.77	7.80	7.59

Sasaki, Ten (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Mito Invitational (Mito, JPN)													*(2017) - tfdata-store.com/2017/05/06/post-423/*			
date 05-May-17	time	2.67	3.76	4.85	5.91	6.98	8.06	9.16	10.24	11.36	12.51		13.81	4 / 2			
reaction time	interval		1.09	1.09	1.06	1.07	1.08	1.10	1.08	1.12	1.15	1.30			3.24	3.25	3.35
wind 1.0 m/s	velocity	4.87	7.80	7.80	8.02	7.94	7.87	7.73	7.87	7.59	7.39	8.08	7.24		7.87	7.85	7.61

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN)													*CAA Hurdle Development (2019)*			
date 09-Apr-19	time	2.73	3.80	4.88	5.96	7.04	8.13	9.22	10.32	11.43	12.56		13.81	2 / 7			
reaction time 0.179	interval		1.07	1.08	1.08	1.08	1.09	1.09	1.10	1.11	1.13	1.25			3.23	3.26	3.34
wind 0.1 m/s	velocity	4.76	7.94	7.87	7.87	7.87	7.80	7.80	7.73	7.66	7.52	8.40	7.24		7.89	7.82	7.63

Utsunomiya, Eri (JPN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 08-Jun-19	time	2.75	3.88	4.98	6.07	7.15	8.23	9.31	10.41	11.51	12.61		13.81	7 / 2			
reaction time	interval		1.13	1.10	1.09	1.08	1.08	1.08	1.10	1.10	1.10	1.20			3.32	3.24	3.30
wind 2.3 m/s	velocity	4.73	7.52	7.73	7.80	7.87	7.87	7.87	7.73	7.73	7.73	8.75	7.24		7.68	7.87	7.73

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.67	3.77	4.87	5.94	7.00	8.06	9.14	10.23	11.33	12.48		13.81	4 / 6			
reaction time 0.156	interval		1.10	1.10	1.07	1.06	1.06	1.08	1.09	1.10	1.15	1.33			3.27	3.20	3.34
wind 0.2 m/s	velocity	4.87	7.73	7.73	7.94	8.02	8.02	7.87	7.80	7.73	7.39	7.89	7.24		7.80	7.97	7.63

Fujiwara, Karen (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm)													*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 06-Oct-19	time	2.63	3.73	4.81	5.89	6.96	8.03	9.13	10.23	11.35	12.48		13.81	5 / 3			
reaction time 0.147	interval		1.10	1.08	1.08	1.07	1.07	1.10	1.10	1.12	1.13	1.33			3.26	3.24	3.35
wind 1.6 m/s	velocity	4.94	7.73	7.87	7.87	7.94	7.94	7.73	7.73	7.59	7.52	7.89	7.24		7.82	7.87	7.61

Mayer, Isabel (GER) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 15-Sep-20	time	2.68	3.78	4.86	5.94	7.00	8.08	9.14	10.24	11.36	12.50		13.81	8 / 7			
reaction time	interval		1.10	1.08	1.08	1.06	1.08	1.06	1.10	1.12	1.14	1.31			3.26	3.20	3.36
wind 0.0 m/s	velocity	4.85	7.73	7.87	7.87	8.02	7.87	8.02	7.73	7.59	7.46	7.67	7.24		7.82	7.97	7.59

Otani, Sumire (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)													*Shibayama (2021) - national high school and U20 national championhsips*			
date 01-Aug-21	time	2.71	3.82	4.90	5.98	7.06	8.13	9.20	10.30	11.42	12.56		13.81	8 / 7			
reaction time 0.185	interval		1.11	1.08	1.08	1.08	1.07	1.07	1.10	1.12	1.14	1.25			3.27	3.22	3.36
wind 1.8 m/s	velocity	4.80	7.66	7.87	7.87	7.87	7.94	7.94	7.73	7.59	7.46	8.04	7.24		7.80	7.92	7.59

Hamáčková, Barbora (CZE) (1992)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)															*Feher (2014) - Final report from the Czech Republic national championships*			
date	02-Aug-14	time	2.77	3.89	4.96	6.03	7.09	8.18	9.24	10.33	11.44	12.57		13.82	7 / 4			
reaction time	0.209	interval		1.12	1.07	1.07	1.06	1.09	1.06	1.09	1.11	1.13	1.25			3.26	3.21	3.33
wind	0.4 m/s	velocity	4.69	7.59	7.94	7.94	8.02	7.80	8.02	7.80	7.66	7.52	8.40	7.24		7.82	7.94	7.66

Hlavatá, Karolina (CZE) (1994)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)															*Feher (2014) - Final report from the Czech Republic national championships*			
date	02-Aug-14	time	2.74	3.80	4.87	5.97	7.05	8.12	9.23	10.32	11.44	12.61		13.82	8 / 5			
reaction time	0.186	interval		1.06	1.07	1.10	1.08	1.07	1.11	1.09	1.12	1.17	1.21			3.23	3.26	3.38
wind	0.4 m/s	velocity	4.74	8.02	7.94	7.73	7.87	7.94	7.66	7.80	7.59	7.26	8.68	7.24		7.89	7.82	7.54

Cachová, Katerina (CZE) (1990)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)															*Feher (2014) - Final report from the Czech Republic national championships*			
date	02-Aug-14	time	2.82	3.93	5.01	6.08	7.13	8.20	9.32	10.40	11.49	12.61		13.82	3 / 6			
reaction time	0.221	interval		1.11	1.08	1.07	1.05	1.07	1.12	1.08	1.09	1.12	1.21			3.26	3.24	3.29
wind	0.4 m/s	velocity	4.61	7.66	7.87	7.94	8.10	7.94	7.59	7.87	7.80	7.59	8.68	7.24		7.82	7.87	7.75

Fujimori, Nana (JPN) (1997)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 Japanese National Junior Championships (Mizuho, JPN)															*(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	21-Oct-16	time	2.76	3.85	4.93	5.99	7.06	8.14	9.22	10.32	11.45	12.58		13.82	2 / 1			
reaction time		interval		1.09	1.08	1.06	1.07	1.08	1.08	1.10	1.13	1.13	1.24			3.23	3.23	3.36
wind	1.7 m/s	velocity	4.71	7.80	7.87	8.02	7.94	7.87	7.87	7.73	7.52	7.52	8.47	7.24		7.89	7.89	7.59

Nihonmatsu, Yui (JPN) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)															*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	21-Oct-16	time	2.66	3.79	4.88	5.95	7.03	8.10	9.18	10.27	11.39	12.52		13.82	6 / 2			
reaction time		interval		1.13	1.09	1.07	1.08	1.07	1.08	1.09	1.12	1.13	1.30			3.29	3.23	3.34
wind	1.6 m/s	velocity	4.89	7.08	7.34	7.48	7.41	7.48	7.41	7.34	7.14	7.08	11.54	7.24		7.29	7.43	7.19

Nakao, Ayumi (JPN) (2000)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FNAL - 2018 Japanese National High School Championships (Nagoya, JPN)															*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*			
date	02-Aug-18	time	2.76	3.86	4.94	6.03	7.10	8.18	9.27	10.38	11.48	12.61		13.82	8 / 6			
reaction time		interval		1.10	1.08	1.09	1.07	1.08	1.09	1.11	1.10	1.13	1.21			3.27	3.24	3.34
wind	-0.3 m/s	velocity	4.71	7.73	7.87	7.80	7.94	7.87	7.80	7.66	7.73	7.52	8.68	7.24		7.80	7.87	7.63

Fujiwara, Miku (JPN) (1992)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)															*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date	28-Apr-19	time	2.74	3.85	4.94	6.02	7.08	8.17	9.26	10.36	11.48	12.61		13.82	1 / 4			
reaction time		interval		1.11	1.09	1.08	1.06	1.09	1.09	1.10	1.12	1.13	1.21			3.28	3.24	3.35
wind	1.3 m/s	velocity	4.74	7.66	7.80	7.87	8.02	7.80	7.80	7.73	7.59	7.52	8.68	7.24		7.77	7.87	7.61

Wang Qingling (CHN) (1993)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)															*CAA Hurdle Development (2019)*			
date	23-Aug-19	time	2.75	3.84	4.92	5.97	7.06	8.14	9.21	10.33	11.43	12.59		13.82	4 / 1			
reaction time	0.201	interval		1.09	1.08	1.05	1.09	1.08	1.07	1.12	1.10	1.16	1.23			3.22	3.24	3.38
wind	?? m/s	velocity	4.73	7.80	7.87	8.10	7.80	7.87	7.94	7.59	7.73	7.33	8.54	7.24		7.92	7.87	7.54

Stång, Sonja (FIN) (2002)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis)															*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date	08-Jul-20	time	2.70	3.83	4.93	6.03	7.10	8.16	9.23	10.33	11.43	12.56		13.82	2 / 5			
reaction time		interval		1.13	1.10	1.10	1.07	1.06	1.07	1.10	1.10	1.13	1.26	PB		3.33	3.20	3.33
wind	0.7 m/s	velocity	4.81	7.52	7.73	7.73	7.94	8.02	7.94	7.73	7.73	7.52	7.98	7.24		7.66	7.97	7.66

Odama, Karin (JPN) (1999)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)															*Matsubayashi (2020) - research athlete performance technique- 2020 databook*			
date	26-Sep-20	time	2.76	3.87	4.95	6.02	7.08	8.15	9.22	10.35	11.44	12.59		13.82	5 / 2			
reaction time		interval		1.11	1.08	1.07	1.06	1.07	1.07	1.13	1.09	1.15	1.23			3.26	3.20	3.37
wind	0.1 m/s	velocity	4.71	7.66	7.87	7.94	8.02	7.94	7.94	7.52	7.80	7.39	8.17	7.24		7.82	7.97	7.57

Chen Jiamin (CHN) (1996)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 National Grand Prix (Chengdu, CHN)															*CAA Hurdle Development (2021)*			
date	02-Apr-21	time	2.68	3.76	4.82	5.86	6.96	8.04	9.14	10.26	11.40	12.54		13.82	4 / 3			
reaction time	0.193	interval		1.08	1.06	1.04	1.10	1.08	1.10	1.12	1.14	1.14	1.28			3.18	3.28	3.40
wind	1.0 m/s	velocity	4.85	7.87	8.02	8.17	7.73	7.87	7.73	7.59	7.46	7.46	7.85	7.24		8.02	7.77	7.50

Tanaka, Hikari (JPN) (1998)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)															*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date	09-May-21	time	2.67	3.75	4.81	5.87	6.92	7.98	9.06	10.14	11.22	12.36		13.82	2 / 9			
reaction time	0.140	interval	7 steps	1.08	1.06	1.06	1.05	1.06	1.08	1.08	1.08	1.14	1.46			3.20	3.19	3.30
wind	-0.8 m/s	velocity	4.87	7.87	8.02	8.02	8.10	8.02	7.87	7.87	7.87	7.46	6.88	7.24		7.97	7.99	7.73

Nakajima, Hitomi (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	29-Apr-22	time	2.70	3.81	4.90	5.99	7.10	8.20	9.31	10.41	11.50	12.63		13.82	1 / 8			
reaction time	0.144	interval		1.11	1.09	1.09	1.11	1.10	1.11	1.10	1.09	1.13	1.19			3.29	3.32	3.32
wind	-2.8 m/s	velocity	4.81	7.66	7.80	7.80	7.66	7.73	7.66	7.73	7.80	7.52	8.45	7.24		7.75	7.68	7.68

Dokter, Sofie (NED) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2024) - Athlete First: 2023 year end hurdle report*

date	19-Aug-23	time	2.72	3.80	4.89	5.94	7.05	8.12	9.20	10.30	11.40	12.53		13.82	7 / 8			
reaction time	0.158	interval		1.08	1.09	1.05	1.11	1.07	1.08	1.10	1.10	1.13	1.29			3.22	3.26	3.33
wind	-0.2 m/s	velocity	4.78	7.87	7.80	8.10	7.66	7.94	7.87	7.73	7.73	7.52	7.79	7.24		7.92	7.82	7.66

Nemes, Rita (HUN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	08-Aug-24	time	2.65	3.78	4.88	5.96	7.02	8.09	9.17	10.25	11.35	12.46		13.82	4 / 7			
reaction time	0.193	interval		1.13	1.10	1.08	1.06	1.07	1.08	1.08	1.10	1.11	1.36			3.31	3.21	3.29
wind	0.0 m/s	velocity	4.91	7.52	7.73	7.87	8.02	7.94	7.87	7.87	7.73	7.66	7.39	7.24		7.70	7.94	7.75

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2014 Japanese National High School Championships (Kofu, JPN) *Yanagiya (2014) - research on athlete performance and technique- 2014 data book*

date	03-Aug-14	time	2.77	3.88	4.98	6.07	7.14	8.22	9.30	10.39	11.47	12.59		13.83	3 / 2			
reaction time		interval		1.11	1.10	1.09	1.07	1.08	1.08	1.09	1.08	1.12	1.24	PB		3.30	3.23	3.29
wind	-0.9 m/s	velocity	4.69	7.66	7.73	7.80	7.94	7.87	7.87	7.80	7.87	7.59	8.47	7.23		7.73	7.89	7.75

Oikawa, Yuka (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm) *(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.70	3.81	4.92	6.00	7.08	8.15	9.23	10.33	11.45	12.57		13.83	4 / 2			
reaction time		interval		1.11	1.11	1.08	1.08	1.07	1.08	1.10	1.12	1.12	1.26			3.30	3.23	3.34
wind	1.2 m/s	velocity	4.81	7.21	7.21	7.41	7.41	7.48	7.41	7.27	7.14	7.14	11.90	7.23		7.27	7.43	7.19

Tsuchiya, Honoka (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	07-Oct-18	time	2.72	3.80	4.89	5.95	7.06	8.14	9.23	10.35	11.48	12.60		13.83	3 / 5			
reaction time	0.167	interval		1.08	1.09	1.06	1.11	1.08	1.09	1.12	1.13	1.12	1.23			3.23	3.28	3.37
wind	2.0 m/s	velocity	4.78	7.87	7.80	8.02	7.66	7.87	7.80	7.59	7.52	7.59	8.54	7.23		7.89	7.77	7.57

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN) *CAA Hurdle Development (2019)*

date	08-Apr-19	time	2.73	3.83	4.93	5.99	7.06	8.14	9.24	10.32	11.45	12.58		13.83	5 / 2			
reaction time	0.178	interval		1.10	1.10	1.06	1.07	1.08	1.10	1.08	1.13	1.13	1.25			3.26	3.25	3.34
wind	-0.2 m/s	velocity	4.76	7.73	7.73	8.02	7.94	7.87	7.73	7.87	7.52	7.52	8.40	7.23		7.82	7.85	7.63

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.73	3.81	4.89	5.98	7.06	8.15	9.24	10.36	11.46	12.60		13.83	7 / 8			
reaction time	0.143	interval		1.08	1.08	1.09	1.08	1.09	1.09	1.12	1.10	1.14	1.23			3.25	3.26	3.36
wind	0.2 m/s	velocity	4.76	7.87	7.87	7.80	7.87	7.80	7.80	7.59	7.73	7.46	8.54	7.23		7.85	7.82	7.59

Kurokawa, Sane (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN) (76cm) *Kijima (2019) - research on athlete performance and technique- 2019 data book*

date	18-Oct-19	time	2.69	3.76	4.84	5.91	6.97	8.05	9.15	10.26	11.40	12.56		13.83	7 / 3			
reaction time	0.107	interval		1.07	1.08	1.07	1.06	1.08	1.10	1.11	1.14	1.16	1.27			3.22	3.24	3.41
wind	-0.8m/s	velocity	4.83	7.94	7.87	7.94	8.02	7.87	7.73	7.66	7.46	7.33	8.27	7.23		7.92	7.87	7.48

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	08-Apr-21	time	2.80	3.88	4.92	6.00	7.08	8.18	9.26	10.34	11.46	12.60		13.83	7 / 5			
reaction time		interval		1.08	1.04	1.08	1.08	1.10	1.08	1.08	1.12	1.14	1.23			3.20	3.26	3.34
wind	-0.1 m/s	velocity	4.64	7.87	8.17	7.87	7.87	7.73	7.87	7.87	7.59	7.46	8.17	7.23		7.97	7.82	7.63

Lin Yuqian (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	12-Jun-21	time	2.62	3.70	4.78	5.86	6.92	8.01	9.11	10.23	11.33	12.50		13.83	7 / 6			
reaction time	0.196	interval		1.08	1.08	1.08	1.06	1.09	1.10	1.12	1.10	1.17	1.33			3.24	3.25	3.39
wind	-0.2 m/s	velocity	4.96	7.87	7.87	7.87	8.02	7.80	7.73	7.59	7.73	7.26	7.56	7.23		7.87	7.85	7.52

Fujiwara, Karen (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	26-Jun-21	time	2.66	3.78	4.86	5.92	6.99	8.06	9.13	10.26	11.39	12.53		13.83	4 / 3			
reaction time	0.177	interval		1.12	1.08	1.06	1.07	1.07	1.07	1.13	1.13	1.14	1.30	PB		3.26	3.21	3.40
wind	0.2 m/s	velocity	4.89	7.59	7.87	8.02	7.94	7.94	7.94	7.52	7.52	7.46	7.73	7.23		7.82	7.94	7.50

Okubo, Yuri (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	29-Apr-22	time	2.74	3.86	4.96	6.04	7.10	8.16	9.24	10.32	11.45	12.58		13.83	7 / 5			
reaction time	0.169	interval		1.12	1.10	1.08	1.06	1.06	1.08	1.08	1.13	1.13	1.25			3.30	3.20	3.34
wind	0.3 m/s	velocity	4.74	7.59	7.73	7.87	8.02	8.02	7.87	7.87	7.52	7.52	8.04	7.23		7.73	7.97	7.63

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN) *Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*

date	06-May-23	time	2.73	3.80	4.90	5.97	7.04	8.12	9.21	10.31	11.42	12.57		13.83	7 / 2			
reaction time	0.137	interval		1.07	1.10	1.07	1.07	1.08	1.09	1.10	1.11	1.15	1.26			3.24	3.24	3.36
wind	-0.3 m/s	velocity	4.76	7.94	7.73	7.94	7.94	7.87	7.80	7.73	7.66	7.39	7.98	7.23		7.87	7.87	7.59

Gao Yirong (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	27-May-23	time	2.70	3.80	4.90	5.96	7.04	8.10	9.18	10.29	11.39	12.57		13.83	2 / 3			
reaction time	0.177	interval		1.10	1.10	1.06	1.08	1.06	1.08	1.11	1.10	1.18	1.26	PB		3.26	3.22	3.39
wind	-1.2 m/s	velocity	4.81	7.73	7.73	8.02	7.87	8.02	7.87	7.66	7.73	7.20	7.98	7.23		7.82	7.92	7.52

Bessho, Miyu (JPN) (2007)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	26-May-24	time	2.70	3.82	4.90	5.98	7.05	8.13	9.22	10.32	11.43	12.55		13.83	4 / 1			
reaction time		interval		1.12	1.08	1.08	1.07	1.08	1.09	1.10	1.11	1.12	1.28			3.28	3.24	3.33
wind	-1.0 m/s	velocity	4.81	7.59	7.87	7.87	7.94	7.87	7.80	7.73	7.66	7.59	7.85	7.23		7.77	7.87	7.66

Bessho, Miyu (JPN) (2007)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN) *Takashima (2024) - national high school sports festival - biomechanics data*

date	01-Aug-24	time	2.69	3.77	4.85	5.93	7.00	8.08	9.17	10.29	11.42	12.57		13.83	2 / 6			
reaction time	0.164	interval		1.08	1.08	1.08	1.07	1.08	1.09	1.12	1.13	1.15	1.26			3.24	3.24	3.40
wind	1.0 m/s	velocity	4.83	7.87	7.87	7.87	7.94	7.87	7.80	7.59	7.52	7.39	7.98	7.23		7.87	7.87	7.50

Sotáková, Jana (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE) *Feher (2014) - Final report from the Czech Republic national championships*

date	02-Aug-14	time	2.72	3.84	4.91	5.99	7.05	8.13	9.20	10.30	11.41	12.55		13.84	5 / 4			
reaction time	0.143	interval		1.12	1.07	1.08	1.06	1.08	1.07	1.10	1.11	1.14	1.29			3.27	3.21	3.35
wind	0.2 m/s	velocity	4.78	7.59	7.94	7.87	8.02	7.87	7.94	7.73	7.66	7.46	8.14	7.23		7.80	7.94	7.61

Yuri, Ohiko (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Kanto Student Championships (Sagamihara, JPN) *(2016.09.17) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	17-Sep-16	time	2.75	3.85	4.94	6.01	7.08	8.15	9.19	10.32	11.46	12.59		13.84	4 / 2			
reaction time		interval		1.10	1.09	1.07	1.07	1.07	1.04	1.13	1.14	1.13	1.25			3.26	3.18	3.40
wind	3.2 m/s	velocity	4.73	7.73	7.80	7.94	7.94	7.94	8.17	7.52	7.46	7.52	8.40	7.23		7.82	8.02	7.50

Nihonmatsu, Yui (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 1 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm) *(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.66	3.77	4.86	5.93	7.01	8.10	9.19	10.29	11.40	12.55		13.84	6 / 3			
reaction time		interval		1.11	1.09	1.07	1.08	1.09	1.09	1.10	1.11	1.15	1.29			3.27	3.26	3.36
wind	1.2 m/s	velocity	4.89	7.21	7.34	7.48	7.41	7.34	7.34	7.27	7.21	6.96	11.63	7.23		7.34	7.36	7.14

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN) *Matsubayashi (2018) - research on athlete performance and technique*

date	16-Jun-18	time	2.68	3.78	4.88	5.95	7.03	8.12	9.22	10.34	11.47	12.61		13.84	8 / 4			
reaction time		interval		1.10	1.10	1.07	1.08	1.09	1.10	1.12	1.13	1.14	1.23	PB		3.27	3.27	3.39
wind	1.6 m/s	velocity	4.85	7.73	7.73	7.94	7.87	7.80	7.73	7.59	7.52	7.46	8.54	7.23		7.80	7.80	7.52

Chiba, Momoka (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) *Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*

date	07-Oct-18	time	2.78	3.88	4.97	6.02	7.10	8.20	9.28	10.36	11.47	12.59		13.84	8 / 6			
reaction time	0.167	interval		1.10	1.09	1.05	1.08	1.10	1.08	1.08	1.11	1.12	1.25	PB		3.24	3.26	3.31
wind	2.0 m/s	velocity	4.68	7.73	7.80	8.10	7.87	7.73	7.87	7.87	7.66	7.59	8.40	7.23		7.87	7.82	7.70

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.76	3.86	4.98	6.04	7.14	8.22	9.32	10.42	11.54	12.66		13.84	3 / 4			
reaction time	0.196	interval		1.10	1.12	1.06	1.10	1.08	1.10	1.10	1.12	1.12	1.18			3.28	3.28	3.34
wind	0.5 m/s	velocity	4.71	7.73	7.59	8.02	7.73	7.87	7.73	7.73	7.59	7.59	8.90	7.23		7.77	7.77	7.63

Zhang Jiayi (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.72	3.80	4.87	5.96	7.06	8.16	9.27	10.37	11.48	12.61		13.84	8 / 1			
reaction time	0.192	interval		1.08	1.07	1.09	1.10	1.10	1.11	1.10	1.11	1.13	1.23	PB		3.24	3.31	3.34
wind	-0.2 m/s	velocity	4.78	7.87	7.94	7.80	7.73	7.73	7.66	7.73	7.66	7.52	8.54	7.23		7.87	7.70	7.63

Vento, Lotta (FIN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	14-Aug-20	time	2.76	3.86	4.93	6.03	7.13	8.20	9.30	10.36	11.46	12.56		13.84	1 / 6			

reaction time	0.154	interval		1.10	1.07	1.10	1.10	1.07	1.10	1.06	1.10	1.10	1.28			3.27	3.27	3.26
wind	1.0 m/s	velocity	4.71	7.73	7.94	7.73	7.73	7.94	7.73	8.02	7.73	7.73	7.85	7.23		7.80	7.80	7.82

Wang Qingling (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21	time	2.73	3.80	4.90	5.97	7.06	8.14	9.22	10.34	11.46	12.59		13.84	8 / 1			
reaction time 0.200	interval		1.07	1.10	1.07	1.09	1.08	1.08	1.12	1.12	1.13	1.25			3.24	3.25	3.37
wind 0.6 m/s	velocity	4.76	7.94	7.73	7.94	7.80	7.87	7.87	7.59	7.59	7.52	8.04	7.23		7.87	7.85	7.57

Omatso, Yuki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
date 29-Apr-22	time	2.70	3.80	4.90	6.00	7.07	8.16	9.24	10.34	11.48	12.61		13.84	4 / 6			
reaction time 0.153	interval		1.10	1.10	1.10	1.07	1.09	1.08	1.10	1.14	1.13	1.23			3.30	3.24	3.37
wind 0.3 m/s	velocity	4.81	7.73	7.73	7.73	7.94	7.80	7.87	7.73	7.46	7.52	8.17	7.23		7.73	7.87	7.57

Odama, Karin (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN)													*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*			
date 06-May-23	time	2.84	3.92	4.99	6.05	7.11	8.19	9.27	10.36	11.47	12.60		13.84	6 / 3			
reaction time 0.249	interval		1.08	1.07	1.06	1.06	1.08	1.08	1.09	1.11	1.13	1.24			3.21	3.22	3.33
wind -0.3 m/s	velocity	4.58	7.87	7.94	8.02	8.02	7.87	7.87	7.80	7.66	7.52	8.10	7.23		7.94	7.92	7.66

Chen Yanqi (CHN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23	time	2.69	3.77	4.86	5.91	6.98	8.03	9.16	10.28	11.41	12.58		13.84	8 / 7			
reaction time 0.191	interval		1.08	1.09	1.05	1.07	1.05	1.13	1.12	1.13	1.17	1.26	PB		3.22	3.25	3.42
wind 0.3 m/s	velocity	4.83	7.87	7.80	8.10	7.94	8.10	7.52	7.59	7.52	7.26	7.98	7.23		7.92	7.85	7.46

Block, Natalie (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24	time	2.71	3.81	4.87	5.94	7.00	8.06	9.16	10.26	11.36	12.52		13.84	7 / 7			
reaction time	interval		1.10	1.06	1.07	1.06	1.06	1.10	1.10	1.10	1.16	1.32			3.23	3.22	3.36
wind 0.2 m/s	velocity	4.80	7.73	8.02	7.94	8.02	8.02	7.73	7.73	7.73	7.33	7.61	7.23		7.89	7.92	7.59

Sasaki, Ayumi (JPN) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 1991 IAAF World Championships (Tokyo, JPN)													*Numazawa (1991) - analysis of time in the 3rd world athletics championships, women's 100m hurdles*			
date 29-Aug-91	time	2.69	3.81	4.93	5.98	7.05	8.15	9.25	10.35	11.47	12.62		13.85	2 / 7			
reaction time	interval		1.12	1.12	1.05	1.07	1.10	1.10	1.10	1.12	1.15	1.23			3.29	3.27	3.37
wind 0.5 m/s	velocity	4.83	7.59	7.59	8.10	7.94	7.73	7.73	7.73	7.59	7.39	8.54	7.22		7.75	7.80	7.57

Dobrynska, Nataliya (UKR) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.78	3.85	4.91	5.99	7.07	8.15	9.24	10.36	11.49	12.64		13.85	3 / 3			
reaction time 0.186	interval		1.07	1.06	1.08	1.08	1.08	1.09	1.12	1.13	1.15	1.21			3.21	3.25	3.40
wind -0.3 m/s	velocity	4.68	7.94	8.02	7.87	7.87	7.87	7.80	7.59	7.52	7.39	8.68	7.22		7.94	7.85	7.50

Nakamura, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
date 11-May-17	time	2.73	3.83	4.94	6.01	7.09	8.17	9.25	10.35	11.47	12.61		13.85	4 / 2			
reaction time	interval	7 steps	1.10	1.11	1.07	1.08	1.08	1.08	1.10	1.12	1.14	1.24			3.28	3.24	3.36
wind -1.2 m/s	velocity	4.76	7.73	7.66	7.94	7.87	7.87	7.87	7.73	7.59	7.46	8.47	7.22		7.77	7.87	7.59

Okazaki, Nagisa (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Fuse Sprint (Tottori, JPN)													*(2017) - tfdata-store.com/2017/06/04/post-848/*			
date 04-Jun-17	time	2.68	3.78	4.88	5.97	7.06	8.15	9.25	10.35	11.46	12.60		13.85	2 / 8			
reaction time	interval		1.10	1.10	1.09	1.09	1.09	1.10	1.10	1.11	1.14	1.25			3.29	3.28	3.35
wind 3.7 m/s	velocity	4.85	7.73	7.73	7.80	7.80	7.80	7.73	7.73	7.66	7.46	8.40	7.22		7.75	7.77	7.61

Ito, Ayaka (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 07-Oct-18	time	2.62	3.71	4.80	5.87	6.95	8.03	9.12	10.23	11.34	12.52		13.85	4 / 7			
reaction time 0.177	interval		1.09	1.09	1.07	1.08	1.08	1.09	1.11	1.11	1.18	1.33			3.25	3.25	3.40
wind 2.0 m/s	velocity	4.96	7.80	7.80	7.94	7.87	7.87	7.80	7.66	7.66	7.20	7.89	7.22		7.85	7.85	7.50

Qin Hongyan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2021 Chinese National Games (Xi'an, CHN)													*CAA Hurdle Development (2021)*			
date 21-Sep-21	time	2.62	3.66	4.79	5.85	6.94	7.99	9.09	10.22	11.34	12.50		13.85	4 / 6			
reaction time 0.158	interval		1.04	1.13	1.06	1.09	1.05	1.10	1.13	1.12	1.16	1.35			3.23	3.24	3.41
wind 0.1 m/s	velocity	4.96	8.17	7.52	8.02	7.80	8.10	7.73	7.52	7.59	7.33	7.44	7.22		7.89	7.87	7.48

Odama, Karin (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN)													*Takefu (2023) - performance analysis of heptathletes in the 2022 season*			
date 04-Jun-22	time	2.77	3.85	4.93	6.02	7.09	8.18	9.26	10.37	11.47	12.60		13.85	4 / 3			
reaction time	interval		1.08	1.08	1.09	1.07	1.09	1.08	1.11	1.10	1.13	1.25			3.25	3.24	3.34

wind	0.4 m/s	velocity	4.69	7.87	7.87	7.80	7.94	7.80	7.87	7.66	7.73	7.52	8.04	7.22		7.85	7.87	7.63

Takahashi, Ami (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22 time	2.64	3.76	4.87	5.96	7.06	8.15	9.26	10.36	11.47	12.61		13.85	6 / 2			
reaction time 0.141 interval		1.12	1.11	1.09	1.10	1.09	1.11	1.10	1.11	1.14	1.24			3.32	3.30	3.35
wind -1.5 m/s velocity	4.92	7.59	7.66	7.80	7.73	7.80	7.66	7.73	7.66	7.46	8.10	7.22		7.68	7.73	7.61

Maynard, Sonia (GBR) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 1985 European Junior Championships (Cottbus, GDR)													*Warburton (1985) - 1985 european junior championships - hurdles*			
date 23-Aug-85 time	2.58	3.70	4.74	5.81	6.88	7.93	9.09	10.15	11.28	12.37		13.86	/ 4			
reaction time interval		1.12	1.04	1.07	1.07	1.05	1.16	1.06	1.13	1.09	1.49			3.23	3.28	3.28
wind 0.6 m/s velocity	5.04	7.59	8.17	7.94	7.94	8.10	7.33	8.02	7.52	7.80	7.05	7.22		7.89	7.77	7.77

Deng Ru (CHN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Chinese National Championships (Suzhou, CHN)													*Deng (2016) - research on the 2014 winter training of chinese excellent 100m hurdler Deng Ru*			
date 11-Oct-14 time	2.27	3.33	4.41	5.53	6.57	7.69	8.80	9.88	10.96	12.08		13.86	/ 6			
reaction time interval		1.06	1.08	1.12	1.04	1.12	1.11	1.08	1.08	1.12	1.78			3.26	3.27	3.28
wind 1.6 m/s velocity	5.73	8.02	7.87	7.59	8.17	7.59	7.66	7.87	7.87	7.59	5.90	7.22		7.82	7.80	7.77

Shichibu, Miki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.73	3.80	4.87	5.95	7.02	8.10	9.19	10.29	11.42	12.57		13.86	6 / 1			
reaction time interval		1.07	1.07	1.08	1.07	1.08	1.09	1.10	1.13	1.15	1.29			3.22	3.24	3.38
wind 1.3 m/s velocity	4.76	7.48	7.48	7.41	7.48	7.41	7.34	7.27	7.08	6.96	11.63	7.22		7.45	7.41	7.10

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.68	3.78	4.84	5.90	6.95	8.02	9.10	10.18	11.35	12.52		13.86	7 / 2			
reaction time 0.177 interval		1.10	1.06	1.06	1.05	1.07	1.08	1.08	1.17	1.17	1.34	PB		3.22	3.20	3.42
wind 0.2 m/s velocity	4.85	7.73	8.02	8.02	8.10	7.94	7.87	7.87	7.26	7.26	7.84	7.22		7.92	7.97	7.46

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19 time	2.68	3.76	4.82	5.90	6.95	8.03	9.11	10.25	11.39	12.56		13.86	2 / 2			
reaction time 0.192 interval		1.08	1.06	1.08	1.05	1.08	1.08	1.14	1.14	1.17	1.30			3.22	3.21	3.45
wind 1.0 m/s velocity	4.85	7.87	8.02	7.87	8.10	7.87	7.87	7.46	7.46	7.26	8.08	7.22		7.92	7.94	7.39

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN)													*Takefu (2023) - performance analysis of heptathletes in the 2022 season*			
date 04-Jun-22 time	2.74	3.85	4.93	6.00	7.12	8.20	9.28	10.39	11.50	12.62		13.86	7 / 4			
reaction time interval		1.11	1.08	1.07	1.12	1.08	1.08	1.11	1.11	1.12	1.24			3.26	3.28	3.34
wind 0.4 m/s velocity	4.74	7.66	7.87	7.94	7.59	7.87	7.87	7.66	7.66	7.59	8.10	7.22		7.82	7.77	7.63

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)													*Shandong Athletics Sport Science (2023)*			
date 27-May-23 time	2.75	3.86	4.96	6.05	7.13	8.21	9.30	10.43	11.55	12.66		13.86	7 / 4			
reaction time 0.181 interval		1.11	1.10	1.09	1.08	1.08	1.09	1.13	1.12	1.11	1.20			3.30	3.25	3.36
wind -1.2 m/s velocity	4.73	7.66	7.73	7.80	7.87	7.87	7.80	7.52	7.59	7.66	8.38	7.22		7.73	7.85	7.59

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Repechage 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.48	3.56	4.63	5.70	6.76	7.85	8.97	10.09	11.22	12.40		13.86	6 / 7			
reaction time 0.149 interval		1.08	1.07	1.07	1.06	1.09	1.12	1.12	1.13	1.18	1.46			3.22	3.27	3.43
wind 0.1 m/s velocity	5.24	7.87	7.94	7.94	8.02	7.80	7.59	7.59	7.52	7.20	6.88	7.22		7.92	7.80	7.43

Merriman, Donica (USA) (1979)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													*USATF Women's Sprint Development (1996)*			
date 29-Jun-96 time	2.51	3.67	4.73	5.78	6.85	7.95	9.05	10.16	11.27	12.42		13.87	6 / 3			
reaction time interval		1.16	1.06	1.05	1.07	1.10	1.10	1.11	1.11	1.15	1.45	PB		3.27	3.27	3.37
wind -2.5 m/s velocity	5.18	7.33	8.02	8.10	7.94	7.73	7.73	7.66	7.66	7.39	7.24	7.21		7.80	7.80	7.57

Tanaka, Yumi (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)													*Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*			
date 02-Aug-15 time	2.67	3.75	4.84	5.92	6.99	8.04	9.22	10.35	11.47	12.60		13.87	6 / 1			
reaction time interval		1.08	1.09	1.08	1.07	1.05	1.18	1.13	1.12	1.13	1.27			3.25	3.30	3.38
wind 0.9 m/s velocity	4.87	7.87	7.80	7.87	7.94	8.10	7.20	7.52	7.59	7.52	8.27	7.21		7.85	7.73	7.54

Zhang Jiayi (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.64	3.74	4.84	5.92	7.02	8.11	9.21	10.33	11.45	12.60		13.87	5 / 3			
reaction time 0.182 interval		1.10	1.10	1.08	1.10	1.09	1.10	1.12	1.12	1.15	1.27			3.28	3.29	3.39
wind -0.1 m/s velocity	4.92	7.73	7.73	7.87	7.73	7.80	7.73	7.59	7.59	7.39	8.27	7.21		7.77	7.75	7.52

Avikainen, Viivi (FIN) (1987)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)																		
date	14-Aug-20	time	2.73	3.86	4.93	6.03	7.10	8.16	9.23	10.33	11.43	12.56		13.87	2 / 7			
reaction time	0.163	interval		1.13	1.07	1.10	1.07	1.06	1.07	1.10	1.10	1.13	1.31			3.30	3.20	3.33
wind	1.0 m/s	velocity	4.76	7.52	7.94	7.73	7.94	8.02	7.94	7.73	7.73	7.52	7.67	7.21		7.73	7.97	7.66

Henson (2020) - Athlete First: 2020 year end hurdle report

Keskitalo, Saara (FIN) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Finnish National Championships (Turku, FIN) (TV Analysis)																		
date	14-Aug-20	time	2.73	3.86	4.93	6.00	7.06	8.20	9.26	10.36	11.46	12.60		13.87	7 / 8			
reaction time	0.171	interval		1.13	1.07	1.07	1.06	1.14	1.06	1.10	1.10	1.14	1.27			3.27	3.26	3.34
wind	1.0 m/s	velocity	4.76	7.52	7.94	7.94	8.02	7.46	8.02	7.73	7.73	7.46	7.91	7.21		7.80	7.82	7.63

Henson (2020) - Athlete First: 2020 year end hurdle report

Xiao Juxiu (CHN) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 National Grand Prix (Chengdu, CHN)																		
date	02-Apr-21	time	2.69	3.82	4.92	6.00	7.08	8.17	9.27	10.36	11.50	12.62		13.87	7 / 6			
reaction time	0.202	interval		1.13	1.10	1.08	1.08	1.09	1.10	1.09	1.14	1.12	1.25			3.31	3.27	3.35
wind	0.1 m/s	velocity	4.83	7.52	7.73	7.87	7.87	7.80	7.73	7.80	7.46	7.59	8.04	7.21		7.70	7.80	7.61

CAA Hurdle Development (2021)

Tanaka, Hikari (JPN) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
B FINAL - 2022 Mikio Oda Memorial (Hiroshima, JPN)																		
date	29-Apr-22	time	2.72	3.85	4.93	6.01	7.08	8.15	9.25	10.36	11.48	12.62		13.87	2 / 7			
reaction time	0.185	interval	7 steps	1.13	1.08	1.08	1.07	1.07	1.10	1.11	1.12	1.14	1.25			3.29	3.24	3.37
wind	0.3 m/s	velocity	4.78	7.52	7.87	7.87	7.94	7.94	7.73	7.66	7.59	7.46	8.04	7.21		7.75	7.87	7.57

Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season

Rooth, Andrea (NOR) (2002			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2022 ISTAF (Berlin, GER) (TV Analysis)																		
date	04-Sep-22	time	2.68	3.80	4.92	6.00	7.08	8.16	9.24	10.40	11.52	12.64		13.87	9 / 9			
reaction time	0.139	interval		1.12	1.12	1.08	1.08	1.08	1.08	1.16	1.12	1.12	1.23			3.32	3.24	3.40
wind	-0.3 m/s	velocity	4.85	7.59	7.59	7.87	7.87	7.87	7.87	7.33	7.59	7.59	8.17	7.21		7.68	7.87	7.50

Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season

Wei Yuhui (CHN) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)																		
date	27-May-23	time	2.78	3.88	4.97	6.03	7.10	8.17	9.25	10.35	11.47	12.60		13.87	3 / 5			
reaction time	0.162	interval		1.10	1.09	1.06	1.07	1.07	1.08	1.10	1.12	1.13	1.27			3.25	3.22	3.35
wind	-1.2 m/s	velocity	4.68	7.73	7.80	8.02	7.94	7.94	7.87	7.73	7.59	7.52	7.91	7.21		7.85	7.92	7.61

Shandong Athletics Sport Science (2023)

Naito, Kano (JPN) (2004)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)																		
date	03-Jun-23	time	2.74	3.84	4.95	6.02	7.10	8.20	9.29	10.41	11.53	12.65		13.87	3 / 2			
reaction time	0.181	interval		1.10	1.11	1.07	1.08	1.10	1.09	1.12	1.12	1.12	1.22			3.28	3.27	3.36
wind	-1.4 m/s	velocity	4.74	7.73	7.66	7.94	7.87	7.73	7.80	7.59	7.59	7.59	8.24	7.21		7.77	7.80	7.59

Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season

Bessho, Miyu (JPN) (2007)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)																		
date	30-Jun-24	time	2.69	3.79	4.88	5.97	7.04	8.12	9.23	10.36	11.47	12.61		13.87	9 / 6			
reaction time	0.160	interval		1.10	1.09	1.09	1.07	1.08	1.11	1.13	1.11	1.14	1.26			3.28	3.26	3.38
wind	-0.2 m/s	velocity	4.83	7.73	7.80	7.80	7.94	7.87	7.66	7.52	7.66	7.46	7.98	7.21		7.77	7.82	7.54

Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season

Fujimori, Nana (JPN) (1997)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)																		
date	03-Aug-14	time	2.70	3.83	4.91	5.97	7.05	8.12	9.21	10.32	11.46	12.61		13.88	5 / 3			
reaction time		interval		1.13	1.08	1.06	1.08	1.07	1.09	1.11	1.14	1.15	1.27			3.27	3.24	3.40
wind	-0.9 m/s	velocity	4.81	7.52	7.87	8.02	7.87	7.94	7.80	7.66	7.46	7.39	8.27	7.20		7.80	7.87	7.50

Yanagiya (2014) - research on athlete performance and technique- 2014 data book

Furuhashi, Kana (JPN) (1999)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)																		
date	02-Aug-16	time	2.75	3.87	4.98	6.08	7.15	8.20	9.31	10.41	11.52	12.66		13.88	2 / 5			
reaction time	0.150	interval		1.12	1.11	1.10	1.07	1.05	1.11	1.10	1.11	1.14	1.22			3.33	3.23	3.35
wind	1.5 m/s	velocity	4.73	7.59	7.66	7.73	7.94	8.10	7.66	7.73	7.66	7.46	8.61	7.20		7.66	7.89	7.61

Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data

Nakajima, Hitomi (JPN) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)																		
date	11-May-17	time	2.78	3.89	5.00	6.09	7.16	8.25	9.35	10.48	11.59	12.73		13.88	7 / 3			
reaction time		interval		1.11	1.11	1.09	1.07	1.09	1.10	1.13	1.11	1.14	1.15			3.31	3.26	3.38
wind	-1.2 m/s	velocity	4.68	7.66	7.66	7.80	7.94	7.80	7.73	7.52	7.66	7.46	9.13	7.20		7.70	7.82	7.54

(2017) - tfdata-store.com/2017/05/13/post-441/

Nishijima, Mai (JPN) (2004)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FiNAL - 2021 Japanese High School National Championships (Fukui, JPN)																		
date	01-Aug-21	time	2.65	3.76	4.83	5.91	7.00	8.09	9.20	10.33	11.46	12.61		13.88	2 / 8			
reaction time	0.137	interval		1.11	1.07	1.08	1.09	1.09	1.11	1.13	1.13	1.15	1.27			3.26	3.29	3.41
wind	1.8 m/s	velocity	4.91	7.66	7.94	7.87	7.80	7.80	7.66	7.52	7.52	7.39	7.91	7.20		7.82	7.75	7.48

Shibayama (2021) - national high school and U20 national championhsips

Grimm, Vanessa (GER) (1997)

Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Aug-21	time	2.80	3.91	4.95	6.04	7.11	8.23	9.31	10.41	11.50	12.66		13.88	6 / 5			
reaction time	0.176	interval		1.11	1.04	1.09	1.07	1.12	1.08	1.10	1.09	1.16	1.22			3.24	3.27	3.35
wind	0.2 m/s	velocity	4.64	7.66	8.17	7.80	7.94	7.59	7.87	7.73	7.80	7.33	8.24	7.20		7.87	7.80	7.61

Takahashi, Ami (JPN) (2005)

FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN) — *Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Jun-23	time	2.72	3.81	4.91	6.00	7.07	8.15	9.26	10.35	11.47	12.59		13.88	9 / 3			
reaction time	0.180	interval		1.09	1.10	1.09	1.07	1.08	1.11	1.09	1.12	1.12	1.29			3.28	3.26	3.33
wind	-1.4 m/s	velocity	4.78	7.80	7.73	7.80	7.94	7.87	7.66	7.80	7.59	7.59	7.79	7.20		7.77	7.82	7.66

Kamizono, Miyu (JPN) (2007)

FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN) — *Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-Jun-24	time	2.72	3.82	4.92	6.02	7.11	8.20	9.33	10.44	11.56	12.69		13.88	8 / 7			
reaction time	0.152	interval		1.10	1.10	1.10	1.09	1.09	1.13	1.11	1.12	1.13	1.19			3.30	3.31	3.36
wind	-0.2 m/s	velocity	4.78	7.73	7.73	7.73	7.80	7.80	7.52	7.66	7.59	7.52	8.45	7.20		7.73	7.70	7.59

Stewart, Talia (USA) (1986)

FINAL - 2005 USATF National Junior Championships (Carson, CA) — *USATF Women's Sprint Development (2005)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-Jun-05	time	2.72	3.87	4.96	6.04	7.11	8.22	9.31	10.41	11.53	12.66		13.89	5 / 2			
reaction time		interval		1.15	1.09	1.08	1.07	1.11	1.09	1.10	1.12	1.13	1.23			3.32	3.27	3.35
wind	-0.7 m/s	velocity	4.78	7.39	7.80	7.87	7.94	7.66	7.80	7.73	7.59	7.52	8.54	7.20		7.68	7.80	7.61

Sotáková, Jana (CZE) (1992)

FINAL - 2014 Czech Republic National Championships (Ostrava, CZE) — *Feher (2014) - Final report from the Czech Republic national championships*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	02-Aug-14	time	2.74	3.84	4.94	6.00	7.08	8.16	9.27	10.37	11.50	12.63		13.89	2 / 7			
reaction time	0.150	interval		1.10	1.10	1.06	1.08	1.08	1.11	1.10	1.13	1.13	1.26			3.26	3.27	3.36
wind	0.4 m/s	velocity	4.74	7.73	7.73	8.02	7.87	7.87	7.66	7.73	7.52	7.52	8.33	7.20		7.82	7.80	7.59

Furuhashi, Kana (JPN) (1999)

Semi-Final 2 - 2016 Japanese National Junior Championships (Mizuho, JPN) — *(2016.10.21) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	21-Oct-16	time	2.73	3.82	4.90	6.00	7.09	8.19	9.26	10.35	11.48	12.64		13.89	3 / 2			
reaction time		interval		1.09	1.08	1.10	1.09	1.10	1.07	1.09	1.13	1.16	1.25			3.27	3.26	3.38
wind	1.0 m/s	velocity	4.76	7.80	7.87	7.73	7.80	7.73	7.94	7.80	7.52	7.33	8.40	7.20		7.80	7.82	7.54

Fujimori, Nana (JPN) (1997)

Heat 3 - 2017 Fuse Sprint (Tottori, JPN) — *(2017) - tfdata-store.com/2017/06/04/post-848/*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Jun-17	time	2.75	3.85	4.94	6.01	7.09	8.19	9.29	10.41	11.56	12.69		13.89	2 / 5			
reaction time		interval		1.10	1.09	1.07	1.08	1.10	1.10	1.12	1.15	1.13	1.20			3.26	3.28	3.40
wind	1.3 m/s	velocity	4.73	7.73	7.80	7.94	7.87	7.73	7.73	7.59	7.39	7.52	8.75	7.20		7.82	7.77	7.50

Meesri, Suchada (THA) (1994)

FINAL - 2019 Asian Grand Prix 2 (Chongqing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Jun-19	time	2.70	3.78	4.87	5.96	7.04	8.14	9.24	10.37	11.49	12.64		13.89	2 / 7			
reaction time	0.180	interval		1.08	1.09	1.09	1.08	1.10	1.10	1.13	1.12	1.15	1.25			3.26	3.28	3.40
wind	2.3 m/s	velocity	4.81	7.87	7.80	7.80	7.87	7.73	7.73	7.52	7.59	7.39	8.40	7.20		7.82	7.77	7.50

Aguilar, Evelyn (COL) (1993)

Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Aug-21	time	2.71	3.79	4.91	5.99	7.11	8.20	9.31	10.46	11.54	12.71		13.89	4 / 6			
reaction time	0.133	interval		1.08	1.12	1.08	1.12	1.09	1.11	1.15	1.08	1.17	1.18			3.28	3.32	3.40
wind	0.2 m/s	velocity	4.80	7.87	7.59	7.87	7.59	7.80	7.66	7.39	7.87	7.26	8.52	7.20		7.77	7.68	7.50

Chen Yuyang (CHN) (2002)

FINAL - 2022 Chinese National Grand Prix (Huangshi, CHN) — *Gong (2023) - research on the technical characteristics of outstanding women's 100m hurdlers in china*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Jul-22	time	2.68			5.84			9.05			12.42		13.89	/ 4			
reaction time		interval				3.16			3.21			3.37	1.47			3.16	3.21	3.37
wind	-1.1 m/s	velocity	4.85			8.07			7.94			7.57	6.84	7.20		8.07	7.94	7.57

Odama, Karin (JPN) (1999)

Heptathlon - Heat 2 - 2023 Japanese Multi-Event National Championsips (Akita, JPN) — *Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	10-Jun-23	time	2.77	3.86	4.94	6.03	7.11	8.18	9.26	10.36	11.49	12.64		13.89	9 / 2			
reaction time		interval		1.09	1.08	1.09	1.08	1.07	1.08	1.10	1.13	1.15	1.25			3.26	3.23	3.38
wind	-0.3 m/s	velocity	4.69	7.80	7.87	7.80	7.87	7.94	7.87	7.73	7.52	7.39	8.04	7.20		7.82	7.89	7.54

Voronkova, Nelli (BLR) (1972)

FINAL - 1997 European Cup (Munich, GER) — *Jung (2003) - http://www.fgs.uni-halle.de*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	22-Jun-97	time	2.79	3.94	4.99	6.10	7.17	8.26	9.35	10.47	11.59	12.73		13.90	/ 7			
reaction time		interval		1.15	1.05	1.11	1.07	1.09	1.09	1.12	1.12	1.14	1.17			3.31	3.25	3.38
wind	0.7 m/s	velocity	4.66	7.39	8.10	7.66	7.94	7.80	7.80	7.59	7.59	7.46	8.97	7.19		7.70	7.85	7.54

Day, Sharon (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.80	3.90	5.01	6.09	7.17	8.27	9.35	10.47	11.58	12.69		13.90	7 / 4			
reaction time	0.205	interval		1.10	1.11	1.08	1.08	1.10	1.08	1.12	1.11	1.11	1.21			3.29	3.26	3.34
wind	-0.3 m/s	velocity	4.64	7.73	7.66	7.87	7.87	7.73	7.87	7.59	7.66	7.66	8.68	7.19		7.75	7.82	7.63

Tuvesson, Emma (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2013 Windsprint (Sundwvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	2.78	3.89	5.03	6.11	7.19	8.25	9.33	10.42	11.53	12.65		13.90	6 / 4			
reaction time		interval		1.11	1.14	1.08	1.08	1.06	1.08	1.09	1.11	1.12	1.25			3.33	3.22	3.32
wind	1.2 m/s	velocity	4.68	7.66	7.46	7.87	7.87	8.02	7.87	7.80	7.66	7.59	8.40	7.19		7.66	7.92	7.68

Suzuki, Risa (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	06-Oct-19	time	2.80	3.93	5.03	6.12	7.21	8.29	9.38	10.48	11.58	12.68		13.90	9 / 4			
reaction time	0.226	interval		1.13	1.10	1.09	1.09	1.08	1.09	1.10	1.10	1.10	1.22			3.32	3.26	3.30
wind	1.6 m/s	velocity	4.64	7.52	7.73	7.80	7.80	7.87	7.80	7.73	7.73	7.73	8.61	7.19		7.68	7.82	7.73

Ito, Ayaka (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*

date	23-Aug-20	time	2.66	3.80	4.92	6.02	7.12	8.22	9.33	10.42	11.56	12.70		13.90	1 / 8			
reaction time	0.146	interval		1.14	1.12	1.10	1.10	1.10	1.11	1.09	1.14	1.14	1.20	PB		3.36	3.31	3.37
wind	0.3 m/s	velocity	4.89	7.46	7.59	7.73	7.73	7.73	7.66	7.80	7.46	7.46	8.37	7.19		7.59	7.70	7.57

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Chinese National Championships (Shaoxing, CHN) *CAA Hurdle Development (2020)*

date	15-Sep-20	time	2.66	3.76	4.85	5.93	7.02	8.11	9.23	10.37	11.52	12.68		13.90	3 / 8			
reaction time	0.143	interval		1.10	1.09	1.08	1.09	1.09	1.12	1.14	1.15	1.16	1.22	PB		3.27	3.30	3.45
wind	-0.4 m/s	velocity	4.89	7.73	7.80	7.87	7.80	7.80	7.59	7.46	7.39	7.33	8.24	7.19		7.80	7.73	7.39

Atsuta, Kokoro (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2024 Japanese National Multi-Event Championships (Gifu, JPN) *Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*

date	22-Jun-24	time	2.69	3.78	4.86	5.96	7.07	8.17	9.30	10.43	11.54	12.70		13.90	5 / 4			
reaction time		interval		1.09	1.08	1.10	1.11	1.10	1.13	1.13	1.11	1.16	1.20			3.27	3.34	3.40
wind	-1.4 m/s	velocity	4.83	7.80	7.87	7.73	7.66	7.73	7.52	7.52	7.66	7.33	8.37	7.19		7.80	7.63	7.50

Furuhashi, Kana (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Tokai High School Meeting (Gifu, JPN) *(2016.06.18) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	18-Jun-16	time	2.69	3.81	4.91	6.00	7.09	8.20	9.31	10.43	11.56	12.69		13.91	4 / 1			
reaction time		interval		1.12	1.10	1.09	1.09	1.11	1.11	1.12	1.13	1.13	1.22			3.31	3.31	3.38
wind	0.9 m/s	velocity	4.83	7.59	7.73	7.80	7.80	7.66	7.66	7.59	7.52	7.52	8.61	7.19		7.70	7.70	7.54

Nomura, Yuka (JPN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2017 Fuse Sprint (Tottori, JPN) *(2017) - tfdata-store.com/2017/06/04/post-848/*

date	04-Jun-17	time	2.64	3.76	4.87	5.95	7.03	8.12	9.22	10.34	11.49	12.65		13.91	9 / 6			
reaction time		interval		1.12	1.11	1.08	1.08	1.09	1.10	1.12	1.15	1.16	1.26			3.31	3.27	3.43
wind	1.3 m/s	velocity	4.92	7.59	7.66	7.87	7.87	7.80	7.73	7.59	7.39	7.33	8.33	7.19		7.70	7.80	7.43

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN) *CAA Hurdle Development (2019)*

date	13-Apr-19	time	2.78	3.86	4.94	6.02	7.08	8.16	9.28	10.38	11.51	12.66		13.91	6 / 3			
reaction time	0.222	interval		1.08	1.08	1.08	1.06	1.08	1.12	1.10	1.13	1.15	1.25			3.24	3.26	3.38
wind	0.2 m/s	velocity	4.68	7.87	7.87	7.87	8.02	7.87	7.59	7.73	7.52	7.39	8.40	7.19		7.87	7.82	7.54

Kabayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2019) - research on athlete performance and technique- 2019 data book*

date	28-Apr-19	time	2.72	3.84	4.93	6.01	7.09	8.17	9.26	10.37	11.49	12.63		13.91	6 / 5			
reaction time		interval		1.12	1.09	1.08	1.08	1.08	1.09	1.11	1.12	1.14	1.28			3.29	3.25	3.37
wind	1.3 m/s	velocity	4.78	7.59	7.80	7.87	7.87	7.87	7.80	7.66	7.59	7.46	8.20	7.19		7.75	7.85	7.57

Shynyzbekova, Aygerim (KAZ) (1992

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN) *CAA Hurdle Development (2019)*

date	04-Jun-19	time	2.75	3.85	4.95	6.03	7.12	8.20	9.29	10.39	11.51	12.62		13.91	7 / 6			
reaction time	0.147	interval		1.10	1.10	1.08	1.09	1.08	1.09	1.10	1.12	1.11	1.29			3.28	3.26	3.33
wind	-1.2 m/s	velocity	4.73	7.73	7.73	7.87	7.80	7.87	7.80	7.73	7.59	7.66	8.14	7.19		7.77	7.82	7.66

Ouchi, Kokoro (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	06-Oct-19	time	2.74	3.85	4.97	6.07	7.15	8.27	9.35	10.47	11.58	12.69		13.91	6 / 5			
reaction time	0.175	interval		1.11	1.12	1.10	1.08	1.12	1.08	1.12	1.11	1.11	1.22			3.33	3.28	3.34
wind	1.6 m/s	velocity	4.74	7.66	7.59	7.73	7.87	7.59	7.87	7.59	7.66	7.66	8.61	7.19		7.66	7.77	7.63

Chen Yuyang (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.78	3.88	4.98	6.06	7.12	8.22	9.28	10.38	11.50	12.66		13.91	3 / 3			
reaction time	0.200	interval		1.10	1.10	1.08	1.06	1.10	1.06	1.10	1.12	1.16	1.25	PB		3.28	3.22	3.38
wind	1.0 m/s	velocity	4.68	7.73	7.73	7.87	8.02	7.73	8.02	7.73	7.59	7.33	8.04	7.19		7.77	7.92	7.54

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Seiko Golden Grand Prix (Tokyo, JPN) *Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*

date	08-May-22	time	2.63	3.71	4.75	5.78	6.82	7.87	8.91	10.09	11.27	12.49		13.91	5 / 9			
reaction time	0.144	interval		1.08	1.04	1.03	1.04	1.05	1.04	1.18	1.18	1.22	1.42			3.15	3.13	3.58
wind	-0.1 m/s	velocity	4.94	7.87	8.17	8.25	8.17	8.10	8.17	7.20	7.20	6.97	7.08	7.19		8.10	8.15	7.12

Nagai, Mahiro (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Japanese National High School Championships (Naruto, JPN) *Kishima (2022) - national high school championships biomechanics data collection*

date	07-Aug-22	time	2.71	3.81	4.90	5.99	7.07	8.17	9.26	10.37	11.52	12.66		13.91	7 / 3			
reaction time	0.187	interval		1.10	1.09	1.09	1.08	1.10	1.09	1.11	1.15	1.14	1.25			3.28	3.27	3.40
wind	-1.5 m/s	velocity	4.80	7.73	7.80	7.80	7.87	7.73	7.80	7.66	7.39	7.46	8.04	7.19		7.77	7.80	7.50

Carlsson, Johanna (SWE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	2.56	3.68	4.74	5.78	6.83	7.89	8.96	10.06	11.22	12.41		13.91	1 / 5			
reaction time	0.149	interval		1.12	1.06	1.04	1.05	1.06	1.07	1.10	1.16	1.19	1.50	PB		3.22	3.18	3.45
wind	0.6 m/s	velocity	5.08	7.59	8.02	8.17	8.10	8.02	7.94	7.73	7.33	7.14	6.70	7.19		7.92	8.02	7.39

Stewart, Talia (USA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2003 USATF National Junior Championships (Carson, CA) *USATF Women's Sprint Development (2003)*

date	22-Jun-03	time	2.61	3.75	4.86	5.94	7.02	8.14	9.24	10.36	11.46	12.58		13.92	3 / 5			
reaction time		interval		1.14	1.11	1.08	1.08	1.12	1.10	1.12	1.10	1.12	1.34			3.33	3.30	3.34
wind	2.3 m/s	velocity	4.98	7.46	7.66	7.87	7.87	7.59	7.73	7.59	7.73	7.59	7.84	7.18		7.66	7.73	7.63

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Saitama Perfecture High School Meeting (Kumagaya, JPN) *(2016.05.11) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	10-May-16	time	2.73	3.85	4.96	6.04	7.13	8.23	9.33	10.45	11.57	12.71		13.92	4 / 1			
reaction time		interval		1.12	1.11	1.08	1.09	1.10	1.10	1.12	1.12	1.14	1.21			3.31	3.29	3.38
wind	1.8 m/s	velocity	4.76	7.59	7.66	7.87	7.80	7.73	7.73	7.59	7.59	7.46	8.68	7.18		7.70	7.75	7.54

Utsunomiya, Eri (JPN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) *Matsubayashi (2018) - research on athlete performance and technique- 2018 data book*

date	21-Apr-18	time	2.74	3.89	4.98	6.08	7.17	8.29	9.40	10.51	11.61	12.72		13.92	4 / 1			
reaction time		interval		1.15	1.09	1.10	1.09	1.12	1.11	1.11	1.10	1.11	1.20	=PB		3.34	3.32	3.32
wind	-2.4 m/s	velocity	4.74	7.39	7.80	7.73	7.80	7.59	7.66	7.66	7.73	7.66	8.75	7.18		7.63	7.68	7.68

Chen Jiamin (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN) *CAA Hurdle Development (2020)*

date	15-Sep-20	time	2.80	3.89	5.00	6.08	7.14	8.21	9.30	10.39	11.51	12.66		13.92	9 / 5			
reaction time	0.203	interval		1.09	1.11	1.08	1.06	1.07	1.09	1.09	1.12	1.15	1.26			3.28	3.22	3.36
wind	0.3 m/s	velocity	4.64	7.80	7.66	7.87	8.02	7.94	7.80	7.80	7.59	7.39	7.98	7.18		7.77	7.92	7.59

Otani, Sumire (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN) *Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*

date	26-Jun-21	time	2.74	3.85	4.96	6.05	7.14	8.23	9.33	10.43	11.56	12.72		13.92	7 / 4			
reaction time	0.199	interval		1.11	1.11	1.09	1.09	1.09	1.10	1.10	1.13	1.16	1.20			3.31	3.28	3.39
wind	0.2 m/s	velocity	4.74	7.66	7.66	7.80	7.80	7.80	7.73	7.73	7.52	7.33	8.38	7.18		7.70	7.77	7.52

Ayame, Hinano (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN) *Takashima (2023) - national high school sports festival - biomechanics data*

date	06-Aug-23	time	2.77	3.87	4.96	6.04	7.13	8.20	9.31	10.42	11.54	12.68		13.92	2 / 5			
reaction time	0.204	interval		1.10	1.09	1.08	1.09	1.07	1.11	1.11	1.12	1.14	1.24			3.27	3.27	3.37
wind	0.8 m/s	velocity	4.69	7.73	7.80	7.87	7.80	7.94	7.66	7.66	7.59	7.46	8.10	7.18		7.80	7.80	7.57

Wu Binbin (CHN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	02-Sep-23	time	2.70	3.79	4.85	5.94	7.03	8.14	9.24	10.41	11.54	12.71		13.92	3 / 8			
reaction time	0.159	interval		1.09	1.06	1.09	1.09	1.11	1.10	1.17	1.13	1.17	1.21			3.24	3.30	3.47
wind	0.1 m/s	velocity	4.81	7.80	8.02	7.80	7.80	7.66	7.73	7.26	7.52	7.26	8.31	7.18		7.87	7.73	7.35

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.67	3.75	4.83	5.90	7.00	8.07	9.19	10.32	11.46	12.63		13.93	7 / 2			
reaction time		interval		1.08	1.08	1.07	1.10	1.07	1.12	1.13	1.14	1.17	1.30	PB		3.23	3.29	3.44
wind	0.9 m/s	velocity	4.87	7.87	7.87	7.94	7.73	7.94	7.59	7.52	7.46	7.26	8.08	7.18		7.89	7.75	7.41

Miyoshi, Minami (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm) *(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.77	3.89	4.98	6.06	7.14	8.22	9.31	10.41	11.52	12.68		13.93	4 / 1			

reaction time		interval		1.12	1.09	1.08	1.08	1.08	1.09	1.10	1.11	1.16	1.25			3.29	3.25	3.37
wind	0.4 m/s	velocity	4.69	7.14	7.34	7.41	7.41	7.41	7.34	7.27	7.21	6.90	12.00	7.18		7.29	7.38	7.12

Tanaka, Yuzo (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.10.22) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.72	3.83	4.93	6.03	7.12	8.22	9.32	10.44	11.56	12.70		13.93	5 / 2			
reaction time interval		1.11	1.10	1.10	1.09	1.10	1.10	1.12	1.12	1.14	1.23			3.31	3.29	3.38
wind 0.9 m/s velocity	4.78	7.66	7.73	7.73	7.80	7.73	7.73	7.59	7.59	7.46	8.54	7.18		7.70	7.75	7.54

Nagasaki, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL A - 2016 Japanese Junior Olympics (Yokohama, JPN) (76cm)													*(2016.10.28) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 28-Oct-16 time	2.70	3.82	4.93	6.02	7.09	8.18	9.28	10.40	11.53	12.67		13.93	4 / 1			
reaction time interval		1.12	1.11	1.09	1.07	1.09	1.10	1.12	1.13	1.14	1.26			3.32	3.26	3.39
wind -0.4 m/s velocity	4.81	7.59	7.66	7.80	7.94	7.80	7.73	7.59	7.52	7.46	8.33	7.18		7.68	7.82	7.52

Beaucarne, Chloë (BEL) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Memorial Van Damme (Brussels, BEL) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 04-Sep-20 time	2.73	3.83	4.93	6.00	7.07	8.13	9.27	10.37	11.50	12.60		13.93	2 / 6			
reaction time 0.179 interval		1.10	1.10	1.07	1.07	1.06	1.14	1.10	1.13	1.10	1.33			3.27	3.27	3.33
wind -0.2 m/s velocity	4.76	7.73	7.73	7.94	7.94	8.02	7.46	7.73	7.52	7.73	7.56	7.18		7.80	7.80	7.66

Qin Hongyan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Chinese East Region Athletics Meeting (Fuzhou, CHN)													*CAA Hurdle Development (2021)*			
date 23-May-21 time	2.73	3.84	4.93	6.01	7.09	8.17	9.27	10.37	11.49	12.65		13.93	3 / 7			
reaction time 0.179 interval		1.11	1.09	1.08	1.08	1.08	1.10	1.10	1.12	1.16	1.28	PB		3.28	3.26	3.38
wind -0.5 m/s velocity	4.76	7.66	7.80	7.87	7.87	7.87	7.73	7.73	7.59	7.33	7.85	7.18		7.77	7.82	7.54

Nakatsu, Haruha (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 26-Jun-21 time	2.69	3.84	4.96	6.08	7.16	8.25	9.35	10.44	11.58	12.73		13.93	6 / 5			
reaction time 0.148 interval		1.15	1.12	1.12	1.08	1.09	1.10	1.09	1.14	1.15	1.20			3.39	3.27	3.38
wind 0.2 m/s velocity	4.83	7.39	7.59	7.59	7.87	7.80	7.73	7.80	7.46	7.39	8.38	7.18		7.52	7.80	7.54

Kodera, Saki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.69	3.83	4.93	6.00	7.08	8.18	9.29	10.41	11.53	12.68		13.93	5 / 4			
reaction time 0.176 interval		1.14	1.10	1.07	1.08	1.10	1.11	1.12	1.12	1.15	1.25	PB		3.31	3.29	3.39
wind -1.4 m/s velocity	4.83	7.46	7.73	7.94	7.87	7.73	7.66	7.59	7.59	7.39	8.04	7.18		7.70	7.75	7.52

Koudelová, Lucie (CZE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.78	3.89	5.00	6.08	7.16	8.24	9.33	10.44	11.54	12.68		13.94	5 / 2			
reaction time 0.143 interval		1.11	1.11	1.08	1.08	1.08	1.09	1.11	1.10	1.14	1.26			3.30	3.25	3.35
wind -1.0 m/s velocity	4.68	7.66	7.66	7.87	7.87	7.87	7.80	7.66	7.73	7.46	8.33	7.17		7.73	7.85	7.61

Secher Myrmel, Lene (NOR) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Windsprint (Sundwvall, SWE)													*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time	2.82	3.93	5.04	6.14	7.22	8.27	9.36	10.46	11.59	12.70		13.94	2 / 5			
reaction time interval		1.11	1.11	1.10	1.08	1.05	1.09	1.10	1.13	1.11	1.24			3.32	3.22	3.34
wind 1.2 m/s velocity	4.61	7.66	7.66	7.73	7.87	8.10	7.80	7.73	7.52	7.66	8.47	7.17		7.68	7.92	7.63

Nakatuka, Natsuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National High School Championships (Okayama, CHN)													*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-16 time	2.74	3.85	4.96	6.04	7.14	8.24	9.32	10.44	11.55	12.68		13.94	3 / 6			
reaction time 0.171 interval		1.11	1.11	1.08	1.10	1.10	1.08	1.12	1.11	1.13	1.26			3.30	3.28	3.36
wind 1.5 m/s velocity	4.74	7.66	7.66	7.87	7.73	7.73	7.87	7.59	7.66	7.52	8.33	7.17		7.73	7.77	7.59

Tamai, Nana (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.69	3.79	4.88	5.95	7.03	8.09	9.22	10.38	11.51	12.66		13.94	2 / 7			
reaction time 0.132 interval		1.10	1.09	1.07	1.08	1.06	1.13	1.16	1.13	1.15	1.28			3.26	3.27	3.44
wind 2.5 m/s velocity	4.83	7.73	7.80	7.94	7.87	8.02	7.52	7.33	7.52	7.39	8.20	7.17		7.82	7.80	7.41

Uenosono, Yuiko (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A FINAL - 2018 National Sports Festival (Fukui, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 08-Oct-18 time	2.67	3.76	4.85	5.92	6.99	8.13	9.26	10.40	11.55	12.69		13.94	1 / 8			
reaction time 0.149 interval		1.09	1.09	1.07	1.07	1.14	1.13	1.14	1.15	1.14	1.25			3.25	3.34	3.43
wind 2.5 m/s velocity	4.87	7.80	7.80	7.94	7.94	7.46	7.52	7.46	7.39	7.46	8.40	7.17		7.85	7.63	7.43

Johnson-Thompson, Katarina (GBR

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 23-Aug-20 time	2.63	3.77	4.83	5.93	7.00	8.10	9.17	10.20	11.30	12.43		13.94	6 / 6			
reaction time 0.155 interval	7 steps	1.14	1.06	1.10	1.07	1.10	1.07	1.03	1.10	1.13	1.51			3.30	3.24	3.26

wind	1.4 m/s	velocity	4.94	7.46	8.02	7.73	7.94	7.73	7.94	8.25	7.73	7.52	6.66	7.17		7.73	7.87	7.82

Chen Yuyang (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)													*Shandong Athletics Sport Science (2023)*			
date 27-May-23	time	2.72	3.82	4.88	5.94	7.01	8.08	9.18	10.31	11.46	12.63		13.94	8 / 6			
reaction time 0.161	interval		1.10	1.06	1.06	1.07	1.07	1.10	1.13	1.15	1.17	1.31			3.22	3.24	3.45
wind -1.2 m/s	velocity	4.78	7.73	8.02	8.02	7.94	7.94	7.73	7.52	7.39	7.26	7.67	7.17		7.92	7.87	7.39

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2023 Japanese Multi-Event National Championsips (Akita, JPN)													*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*			
date 10-Jun-23	time	2.74	3.83	4.92	6.00	7.08	8.17	9.26	10.37	11.47	12.63		13.94	6 / 3			
reaction time	interval		1.09	1.09	1.08	1.08	1.09	1.09	1.11	1.10	1.16	1.31			3.26	3.26	3.37
wind -0.3 m/s	velocity	4.74	7.80	7.80	7.87	7.87	7.80	7.80	7.66	7.73	7.33	7.67	7.17		7.82	7.82	7.57

Lundahl, Caroline (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10	time	2.83	3.88	4.96	6.04	7.14	8.22	9.35	10.46	11.58	12.72		13.95	/ 3			
reaction time	interval		1.05	1.08	1.08	1.10	1.08	1.13	1.11	1.12	1.14	1.23			3.21	3.31	3.37
wind -0.2 m/s	velocity	4.59	8.10	7.87	7.87	7.73	7.87	7.52	7.66	7.59	7.46	8.54	7.17		7.94	7.70	7.57

Matsuda, Anna (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)													*Takashima (2024) - national high school sports festival - biomechanics data*			
date 01-Aug-24	time	2.71	3.78	4.85	5.92	6.99	8.08	9.20	10.34	11.48	12.69		13.94	3 / 7			
reaction time 0.185	interval		1.07	1.07	1.07	1.07	1.09	1.12	1.14	1.14	1.21	1.25			3.21	3.28	3.49
wind 1.0 m/s	velocity	4.80	7.94	7.94	7.94	7.94	7.80	7.59	7.46	7.46	7.02	8.04	7.17		7.94	7.77	7.31

Samuelsson, Jessica (SWE) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2011 Windsprint (Sundsvall, SWE)													*Blomkvist (2011) - www.sub13.se*			
date 31-Jul-11	time	2.77	3.88	4.96	6.06	7.15	8.25	9.34	10.46	11.61	12.76		13.95	/ 5			
reaction time	interval		1.11	1.08	1.10	1.09	1.10	1.09	1.12	1.15	1.15	1.19			3.29	3.28	3.42
wind 1.4 m/s	velocity	4.69	7.66	7.87	7.73	7.80	7.73	7.80	7.59	7.39	7.39	8.82	7.17		7.75	7.77	7.46

Deng Ru (CHN) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Chinese National Grand Prix Final (Fuzhou, CHN)													*Liu (2013) - study of winter training of chinese hurdler Deng Ru for the 12th national games*			
date 24-Jun-12	time	2.28	3.36	4.44	5.56	6.60	7.72	8.84	9.96	11.04	12.16		13.95	/ 8			
reaction time	interval		1.08	1.08	1.12	1.04	1.12	1.12	1.12	1.08	1.12	1.79			3.28	3.28	3.32
wind -1.3 m/s	velocity	5.70	7.87	7.87	7.59	8.17	7.59	7.59	7.59	7.87	7.59	5.87	7.17		7.77	7.77	7.68

Takahashi, Natsuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)													*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-16	time	2.79	3.91	5.02	6.14	7.24	8.34	9.44	10.54	11.65	12.76		13.95	6 / 7			
reaction time 0.183	interval		1.12	1.11	1.12	1.10	1.10	1.10	1.10	1.11	1.11	1.19	PB		3.35	3.30	3.32
wind 1.5 m/s	velocity	4.66	7.59	7.66	7.59	7.73	7.73	7.73	7.73	7.66	7.66	8.82	7.17		7.61	7.73	7.68

Nakayama, Riko (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 B - 2016 Japanese Junior Olympics (Yokohama, JPN) (76cm/8.0m)													*(2016.10.29) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 30-Oct-16	time	2.71	3.73	4.74	5.77	6.79	7.82	8.86	9.91	10.98	12.07		13.95	4 / 1			
reaction time	interval		1.02	1.01	1.03	1.02	1.03	1.04	1.05	1.07	1.09	1.88			3.06	3.09	3.21
wind 1.1 m/s	velocity	4.80	7.84	7.92	7.77	7.84	7.77	7.69	7.62	7.48	7.34	7.98	7.17		7.84	7.77	7.48

Yasui, Ayana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
date 11-May-17	time	2.71	3.82	4.93	6.02	7.15		9.38					13.95	9 / 4			
reaction time	interval		1.11	1.11	1.09	1.13		2.23				4.57			3.31	3.36	
wind -1.2 m/s	velocity	4.80	7.66	7.66	7.80	7.52		7.62				7.88	7.17		7.70	7.59	

Ban, Nozomi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FNAL - 2018 Japanese National High School Championships (Nagoya, JPN)													*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*			
date 02-Aug-18	time	2.69	3.81	4.92	6.00	7.12	8.20	9.32	10.44	11.55	12.68		13.95	2 / 7			
reaction time	interval		1.12	1.11	1.08	1.12	1.08	1.12	1.12	1.11	1.13	1.27			3.31	3.32	3.36
wind -0.3 m/s	velocity	4.83	7.59	7.66	7.87	7.59	7.87	7.59	7.59	7.66	7.52	8.27	7.17		7.70	7.68	7.59

Shimamura, Aozora (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm)													*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 06-Oct-19	time	2.68	3.78	4.87	5.96	7.05	8.13	9.23	10.36	11.48	12.63		13.95	3 / 6			
reaction time 0.138	interval		1.10	1.09	1.09	1.09	1.08	1.10	1.13	1.12	1.15	1.32			3.28	3.27	3.40
wind 1.6 m/s	velocity	4.85	7.73	7.80	7.80	7.80	7.87	7.73	7.52	7.59	7.39	7.95	7.17		7.77	7.80	7.50

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)													*Matsubayashi (2020) - research athlete performance technique- 2020 databook*			
date 26-Sep-20	time	2.74	3.83	4.94	6.02	7.12	8.21	9.30	10.43	11.55	12.70		13.95	6 / 3			
reaction time	interval		1.09	1.11	1.08	1.10	1.09	1.09	1.13	1.12	1.15	1.25			3.28	3.28	3.40
wind 0.1 m/s	velocity	4.74	7.80	7.66	7.87	7.73	7.80	7.80	7.52	7.59	7.39	8.04	7.17		7.77	7.77	7.50

Lindeén, Jonna (SWE) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.66	3.81	4.92	6.01	7.08	8.15	9.23	10.32	11.42	12.54		13.95	7 / 6			
reaction time 0.195 interval		1.15	1.11	1.09	1.07	1.07	1.08	1.09	1.10	1.12	1.41			3.35	3.22	3.31
wind 0.6 m/s velocity	4.89	7.39	7.66	7.80	7.94	7.94	7.87	7.80	7.73	7.59	7.13	7.17		7.61	7.92	7.70

Odama, Karin (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)													*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date 22-Jun-24 time	2.80	3.88	4.94	6.01	7.09	8.19	9.29	10.41	11.53	12.69		13.95	4 / 5			
reaction time interval		1.08	1.06	1.07	1.08	1.10	1.10	1.12	1.12	1.16	1.26			3.21	3.28	3.40
wind -1.4 m/s velocity	4.64	7.87	8.02	7.94	7.87	7.73	7.73	7.59	7.59	7.33	7.98	7.17		7.94	7.77	7.50

Samuelsson, Jessica (SWE) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time	2.78	3.90	5.00	6.10	7.20	8.30	9.41	10.51	11.63	12.78		13.96	8 / 3			
reaction time 0.182 interval		1.12	1.10	1.10	1.10	1.10	1.11	1.10	1.12	1.15	1.18			3.32	3.31	3.37
wind -0.1 m/s velocity	4.68	7.59	7.73	7.73	7.73	7.73	7.66	7.73	7.59	7.39	8.90	7.16		7.68	7.70	7.57

Aoki, Masumi (JPN) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)													*Kota (2016) - race analysis of japanese top-ranked men 110m and women 100m hurdlers*			
date 29-Apr-16 time	2.69	3.80	4.95	6.06	7.14	8.23	9.33	10.42	11.54	12.69		13.96	8 / 8			
reaction time interval		1.11	1.15	1.11	1.08	1.09	1.10	1.09	1.12	1.15	1.27			3.37	3.27	3.36
wind 1.1 m/s velocity	4.83	7.66	7.39	7.66	7.87	7.80	7.73	7.80	7.59	7.39	8.27	7.16		7.57	7.80	7.59

Furuhashi, Kana (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.70	3.81	4.90	6.00	7.11	8.19	9.29	10.42	11.56	12.73		13.96	2 / 1			
reaction time interval		1.11	1.09	1.10	1.11	1.08	1.10	1.13	1.14	1.17	1.23			3.30	3.29	3.44
wind 1.3 m/s velocity	4.81	7.66	7.80	7.73	7.66	7.87	7.73	7.52	7.46	7.26	8.54	7.16		7.73	7.75	7.41

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.77	3.87	4.97	6.04	7.12	8.21	9.30	10.41	11.53	12.69		13.96	1 / 6			
reaction time interval		1.10	1.10	1.07	1.08	1.09	1.09	1.11	1.12	1.16	1.27			3.27	3.26	3.39
wind -0.6 m/s velocity	4.69	7.73	7.73	7.94	7.87	7.80	7.80	7.66	7.59	7.33	8.27	7.16		7.80	7.82	7.52

Lou Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.81	3.90	5.00	6.07	7.16	8.25	9.33	10.46	11.57	12.70		13.96	4 / 4			
reaction time interval		1.09	1.10	1.07	1.09	1.09	1.08	1.13	1.11	1.13	1.26			3.26	3.26	3.37
wind -0.6 m/s velocity	4.63	7.80	7.73	7.94	7.80	7.80	7.87	7.52	7.66	7.52	8.33	7.16		7.82	7.82	7.57

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)													*Kobayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 28-Apr-19 time	2.70	3.82	4.90	5.96	7.04	8.11	9.21	10.34	11.48	12.65		13.96	7 / 6			
reaction time interval		1.12	1.08	1.06	1.08	1.07	1.10	1.13	1.14	1.17	1.31			3.26	3.25	3.44
wind 1.3 m/s velocity	4.81	7.59	7.87	8.02	7.87	7.94	7.73	7.52	7.46	7.26	8.02	7.16		7.82	7.85	7.41

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21 time	2.75	3.89	5.00	6.09	7.17	8.26	9.34	10.47	11.60	12.71		13.96	3 / 5			
reaction time interval		1.14	1.11	1.09	1.08	1.09	1.08	1.13	1.13	1.11	1.25			3.34	3.25	3.37
wind 0.6 m/s velocity	4.73	7.46	7.66	7.80	7.87	7.80	7.87	7.52	7.52	7.66	8.04	7.16		7.63	7.85	7.57

Taguchi, Mayu (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 26-Jun-21 time	2.72	3.85	4.94	6.01	7.08	8.17	9.28	10.39	11.54	12.70		13.96	2 / 6			
reaction time 0.153 interval		1.13	1.09	1.07	1.07	1.09	1.11	1.11	1.15	1.16	1.26	PB		3.29	3.27	3.42
wind 0.2 m/s velocity	4.78	7.52	7.80	7.94	7.94	7.80	7.66	7.66	7.39	7.33	7.98	7.16		7.75	7.80	7.46

Maeda, Mitsuki (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22 time	2.69	3.78	4.88	5.99	7.09	8.20	9.31	10.44	11.57	12.72		13.96	9 / 4			
reaction time 0.169 interval		1.09	1.10	1.11	1.10	1.11	1.11	1.13	1.13	1.15	1.24			3.30	3.32	3.41
wind -1.5 m/s velocity	4.83	7.80	7.73	7.66	7.73	7.66	7.66	7.52	7.52	7.39	8.10	7.16		7.73	7.68	7.48

Nomura, Mitsuki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN)													*Takashima (2023) - national high school sports festival - biomechanics data*			
date 06-Aug-23 time	2.75	3.87	4.98	6.08	7.17	8.26	9.36	10.46	11.59	12.75		13.96	9 / 6			
reaction time 0.217 interval		1.12	1.11	1.10	1.09	1.09	1.10	1.10	1.13	1.16	1.21			3.33	3.28	3.39
wind 0.8 m/s velocity	4.73	7.59	7.66	7.73	7.80	7.80	7.73	7.73	7.52	7.33	8.31	7.16		7.66	7.77	7.52

Cachová, Katerina (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.83	3.93	5.05	6.13	7.21	8.29	9.38	10.50	11.60	12.73		13.97	4 / 1			
reaction time 0.212 interval		1.10	1.12	1.08	1.08	1.08	1.09	1.12	1.10	1.13	1.24			3.30	3.25	3.35
wind -1.8 m/s velocity	4.59	7.73	7.59	7.87	7.87	7.87	7.80	7.59	7.73	7.52	8.47	7.16		7.73	7.85	7.61

Sasaki, Ten (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Kanto Student Championships (Sagamihara, JPN)													*(2016.09.17) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 17-Sep-16 time	2.70	3.80	4.89	5.95	7.05	8.14	9.24	10.36	11.51	12.66		13.97	6 / 3			
reaction time interval		1.10	1.09	1.06	1.10	1.09	1.10	1.12	1.15	1.15	1.31			3.25	3.29	3.42
wind 3.2 m/s velocity	4.81	7.73	7.80	8.02	7.73	7.80	7.73	7.59	7.39	7.39	8.02	7.16		7.85	7.75	7.46

Sasaki, Aogi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.68	3.78	4.86	5.94	7.03	8.11	9.21	10.32	11.50	12.67		13.97	3 / 2			
reaction time interval		1.10	1.08	1.08	1.09	1.08	1.10	1.11	1.18	1.17	1.30			3.26	3.27	3.46
wind 1.5 m/s velocity	4.85	7.73	7.87	7.87	7.80	7.87	7.73	7.66	7.20	7.26	8.08	7.16		7.82	7.80	7.37

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Open FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.77	3.89	5.00	6.10	7.21	8.31	9.41	10.53	11.65	12.77		13.97	3 / 6			
reaction time interval		1.12	1.11	1.10	1.11	1.10	1.10	1.12	1.12	1.12	1.20			3.33	3.31	3.36
wind -0.2 m/s velocity	4.69	7.59	7.66	7.73	7.66	7.73	7.73	7.59	7.59	7.59	8.75	7.16		7.66	7.70	7.59

Shimano, Maki (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date 08-Aug-19 time	2.68	3.76	4.83	5.94	7.04	8.17	9.28	10.40	11.52	12.69		13.97	5 / 1			
reaction time interval		1.08	1.07	1.11	1.10	1.13	1.11	1.12	1.12	1.17	1.28			3.26	3.34	3.41
wind -4.1 m/s velocity	4.85	7.87	7.94	7.66	7.73	7.52	7.66	7.59	7.59	7.26	8.20	7.16		7.82	7.63	7.48

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.69	3.81	4.91	5.97	7.07	8.16	9.26	10.39	11.54	12.69		13.97	5 / 2			
reaction time 0.168 interval		1.12	1.10	1.06	1.10	1.09	1.10	1.13	1.15	1.15	1.28	PB		3.28	3.29	3.43
wind -0.2 m/s velocity	4.83	7.59	7.73	8.02	7.73	7.80	7.73	7.52	7.39	7.39	8.20	7.16		7.77	7.75	7.43

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.74	3.82	4.91	5.97	7.07	8.18	9.29	10.38	11.55	12.68		13.97	5 / 3			
reaction time 0.199 interval		1.08	1.09	1.06	1.10	1.11	1.11	1.09	1.17	1.13	1.29			3.23	3.32	3.39
wind -0.2 m/s velocity	4.74	7.87	7.80	8.02	7.73	7.66	7.66	7.80	7.26	7.52	8.14	7.16		7.89	7.68	7.52

Matsuda, Kako (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm)													*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 06-Oct-19 time	2.68	3.78	4.87	5.94	7.02	8.13	9.23	10.34	11.49	12.68		13.97	8 / 7			
reaction time 0.159 interval		1.10	1.09	1.07	1.08	1.11	1.10	1.11	1.15	1.19	1.29			3.26	3.29	3.45
wind 1.6 m/s velocity	4.85	7.73	7.80	7.94	7.87	7.66	7.73	7.66	7.39	7.14	8.14	7.16		7.82	7.75	7.39

Reppert, Axelle (FRA) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 12-Sep-20 time	2.63	3.75	4.79	5.91	6.99	8.07	9.18	10.33	11.44	12.60		13.97	8 / 7			
reaction time 0.223 interval		1.12	1.04	1.12	1.08	1.08	1.11	1.15	1.11	1.16	1.37	PB		3.28	3.27	3.42
wind 1.5 m/s velocity	4.94	7.59	8.17	7.59	7.87	7.87	7.66	7.39	7.66	7.33	7.34	7.16		7.77	7.80	7.46

Torimaru, Saki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Japanese National U20 Championsips (Niigata, JPN)													*Kishima (2024) - race analysis of domestic and foreign women's 100m hurdles in the 2024 season*			
date 30-Jun-24 time	2.82	3.94	5.01	6.06	7.12	8.20	9.29	10.38	11.51	12.65		13.97	2 / 8			
reaction time 0.199 interval 7 steps		1.12	1.07	1.05	1.06	1.08	1.09	1.09	1.13	1.14	1.32			3.24	3.23	3.36
wind -0.2 m/s velocity	4.61	7.59	7.94	8.10	8.02	7.87	7.80	7.80	7.52	7.46	7.61	7.16		7.87	7.89	7.59

DuPree, Ryanne (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.69	3.82	4.96	6.04	7.14	8.22	9.33	10.43	11.55	12.65		13.98	2 / 6			
reaction time interval		1.13	1.14	1.08	1.10	1.08	1.11	1.10	1.12	1.10	1.33			3.35	3.29	3.32
wind 2.3 m/s velocity	4.83	7.52	7.46	7.87	7.73	7.87	7.66	7.73	7.59	7.73	7.89	7.15		7.61	7.75	7.68

Semecká, Tereza (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.84	3.99	5.09	6.16	7.25	8.33	9.42	10.51	11.62	12.73		13.98	5 / 1			
reaction time 0.160 interval		1.15	1.10	1.07	1.09	1.08	1.09	1.09	1.11	1.11	1.25			3.32	3.26	3.31
wind -3.6 m/s velocity	4.58	7.39	7.73	7.94	7.80	7.87	7.80	7.80	7.66	7.66	8.40	7.15		7.68	7.82	7.70

Kamada, Saki (JPN) (1997)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.75	3.86	4.97	6.06	7.14	8.24	9.34	10.43	11.59	12.74		13.98	3 / 3		
reaction time		interval		1.11	1.11	1.09	1.08	1.10	1.10	1.09	1.16	1.15	1.24			3.31	3.28	3.40
wind	0.9 m/s	velocity	4.73	7.66	7.66	7.80	7.87	7.73	7.73	7.80	7.33	7.39	8.47	7.15		7.70	7.77	7.50

Fujimori, Kanna (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Japanese National High School Championships (Okayama, CHN) *Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*

date	02-Aug-16	time	2.71	3.81	4.90	6.01	7.10	8.18	9.31	10.43	11.57	12.73		13.98	9 / 8		
reaction time	0.142	interval		1.10	1.09	1.11	1.09	1.08	1.13	1.12	1.14	1.16	1.25	=PB		3.30	3.30	3.42
wind	1.5 m/s	velocity	4.80	7.73	7.80	7.66	7.80	7.87	7.52	7.59	7.46	7.33	8.40	7.15		7.73	7.73	7.46

Kasahara, Riko (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm) *(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.74	3.86	4.95	6.05	7.14	8.25	9.35	10.47	11.61	12.76		13.98	6 / 2		
reaction time		interval		1.12	1.09	1.10	1.09	1.11	1.10	1.12	1.14	1.15	1.22			3.31	3.30	3.41
wind	0.4 m/s	velocity	4.74	7.14	7.34	7.27	7.34	7.21	7.27	7.14	7.02	6.96	12.30	7.15		7.25	7.27	7.04

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.82	3.90	4.99	6.09	7.17	8.27	9.36	10.48	11.60	12.73		13.98	9 / 4		
reaction time	0.200	interval		1.08	1.09	1.10	1.08	1.10	1.09	1.12	1.12	1.13	1.25			3.27	3.27	3.37
wind	0.2 m/s	velocity	4.61	7.87	7.80	7.73	7.87	7.73	7.80	7.59	7.59	7.52	8.40	7.15		7.80	7.80	7.57

Klaup-McColl, Mari (EST) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	23-Aug-20	time	2.73	3.83	4.93	6.00	7.13	8.23	9.33	10.43	11.53	12.67		13.98	8 / 7		
reaction time	0.185	interval		1.10	1.10	1.07	1.13	1.10	1.10	1.10	1.10	1.14	1.31			3.27	3.33	3.34
wind	1.4 m/s	velocity	4.76	7.73	7.73	7.94	7.52	7.73	7.73	7.73	7.73	7.46	7.67	7.15		7.80	7.66	7.63

You Na (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN) *CAA Hurdle Development (2021)*

date	19-May-21	time	2.95	4.10	5.16	6.24	7.30	8.36	9.44	10.52	11.62	12.74		13.98	2 / 4		
reaction time	0.427	interval		1.15	1.06	1.08	1.06	1.06	1.08	1.08	1.10	1.12	1.24			3.29	3.20	3.30
wind	0.2 m/s	velocity	4.41	7.39	8.02	7.87	8.02	8.02	7.87	7.87	7.73	7.59	8.10	7.15		7.75	7.97	7.73

Pirelli, Camila (PAR) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) *Henson (2024) - Athlete First: 2021 year end hurdle report*

date	31-Jul-21	time	2.73	3.85	4.96	6.08	7.15	8.21	9.31	10.40	11.56	12.73		13.98	1 / 9		
reaction time	0.166	interval		1.12	1.11	1.12	1.07	1.06	1.10	1.09	1.16	1.17	1.25			3.35	3.23	3.42
wind	0.3 m/s	velocity	4.76	7.59	7.66	7.59	7.94	8.02	7.73	7.80	7.33	7.26	8.04	7.15		7.61	7.89	7.46

von Gerber, Alva (SWE) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	2.60	3.75	4.89	5.97	7.05	8.14	9.22	10.32	11.43	12.57		13.98	2 / 7		
reaction time	0.141	interval		1.15	1.14	1.08	1.08	1.09	1.08	1.10	1.11	1.14	1.41			3.37	3.25	3.35
wind	0.6 m/s	velocity	5.00	7.39	7.46	7.87	7.87	7.80	7.87	7.73	7.66	7.46	7.13	7.15		7.57	7.85	7.61

Davis, Candice (USA) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2003 USATF National Junior Championships (Palo Alto, CA) *USATF Women's Sprint Development (2003)*

date	22-Jun-03	time	2.58	3.69	4.79	5.87	6.97	8.09	9.24	10.36	11.48	12.59		13.99	4 / 7		
reaction time		interval		1.11	1.10	1.08	1.10	1.12	1.15	1.12	1.12	1.11	1.40			3.29	3.37	3.35
wind	2.3 m/s	velocity	5.04	7.66	7.73	7.87	7.73	7.59	7.39	7.59	7.59	7.66	7.50	7.15		7.75	7.57	7.61

Okamoto, Rika (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.78	3.87	4.95	6.02	7.09	8.16	9.26	10.38	11.53	12.70		13.99	8 / 2		
reaction time		interval		1.09	1.08	1.07	1.07	1.07	1.10	1.12	1.15	1.17	1.29			3.24	3.24	3.44
wind	1.7 m/s	velocity	4.68	7.80	7.87	7.94	7.94	7.94	7.73	7.59	7.39	7.26	8.14	7.15		7.87	7.87	7.41

Shibata, Manaka (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2019) - research on athlete performance and technique- 2019 data book*

date	28-Apr-19	time	2.75	3.86	4.96	6.05	7.12	8.20	9.32	10.43	11.55	12.71		13.99	2 / 7		
reaction time		interval		1.11	1.10	1.09	1.07	1.08	1.12	1.11	1.12	1.16	1.28			3.30	3.27	3.39
wind	1.3 m/s	velocity	4.73	7.66	7.73	7.80	7.94	7.87	7.59	7.66	7.59	7.33	8.20	7.15		7.73	7.80	7.52

Sevila, Emeline (FRA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 French National Championships (Albi, FRA) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	12-Sep-20	time	2.63	3.71	4.76	5.91	6.96	8.04	9.18	10.33	11.41	12.60		13.99	1 / 8		
reaction time	0.208	interval		1.08	1.05	1.15	1.05	1.08	1.14	1.15	1.08	1.19	1.39			3.28	3.27	3.42
wind	1.5 m/s	velocity	4.94	7.87	8.10	7.39	8.10	7.87	7.46	7.39	7.87	7.14	7.23	7.15		7.77	7.80	7.46

Nakamura, Reina (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.71	3.87	4.96	6.05	7.14	8.22	9.31	10.42	11.57	12.73		14.00	5 / 4			
reaction time		interval		1.16	1.09	1.09	1.09	1.08	1.09	1.11	1.15	1.16	1.27	PB		3.34	3.26	3.42
wind	0.9 m/s	velocity	4.80	7.33	7.80	7.80	7.80	7.87	7.80	7.66	7.39	7.33	8.27	7.14		7.63	7.82	7.46

Kataoka, Saki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
date 11-May-17 time	2.74	3.88	5.00		7.22	8.33	9.43	10.54	11.67	12.79		14.00	8 / 5			
reaction time interval		1.14	1.12		2.22	1.11	1.10	1.11	1.13	1.12	1.21					3.36
wind -1.2 m/s velocity	4.74	7.46	7.59		7.66	7.66	7.73	7.66	7.52	7.59	8.68	7.14				7.59

Yu Jiaru (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.75	3.90	5.00	6.09	7.19	8.27	9.37	10.49	11.61	12.76		14.00	8 / 5			
reaction time interval		1.15	1.10	1.09	1.10	1.08	1.10	1.12	1.12	1.15	1.24			3.34	3.28	3.39
wind -0.6 m/s velocity	4.73	7.39	7.73	7.80	7.73	7.87	7.73	7.59	7.59	7.39	8.47	7.14		7.63	7.77	7.52

Fujiwara, Karen (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22 time	2.69	3.79	4.88	5.97	7.07	8.15	9.25	10.37	11.52	12.69		14.00	3 / 5			
reaction time 0.173 interval		1.10	1.09	1.09	1.10	1.08	1.10	1.12	1.15	1.17	1.31			3.28	3.28	3.44
wind -1.5 m/s velocity	4.83	7.73	7.80	7.80	7.73	7.87	7.73	7.59	7.39	7.26	7.67	7.14		7.77	7.77	7.41

Kinsahi, Hina (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.73	3.83	4.93	6.02	7.12	8.25	9.38	10.48	11.63	12.78		14.00	2 / 5			
reaction time 0.169 interval		1.10	1.10	1.09	1.10	1.13	1.13	1.10	1.15	1.15	1.22	PB		3.29	3.36	3.40
wind -1.4 m/s velocity	4.76	7.73	7.73	7.80	7.73	7.52	7.52	7.73	7.39	7.39	8.24	7.14		7.75	7.59	7.50

Grimm, Vanessa (GER) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23 time	2.82	3.90	5.02	6.08	7.15	8.28	9.40	10.52	11.64	12.75		14.00	3 / 4			
reaction time 0.187 interval		1.08	1.12	1.06	1.07	1.13	1.12	1.12	1.12	1.11	1.25			3.26	3.32	3.35
wind -1.1 m/s velocity	4.61	7.87	7.59	8.02	7.94	7.52	7.59	7.59	7.59	7.66	8.04	7.14		7.82	7.68	7.61

Wengler, Gudrun (FRG)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1974 West German National Championships (Hannover, FRG)													*Letzelter (1977) - Hurdensprint: geschwindigkeitsverlauf und spezielle eigenschaften*			
date 28-Jul-74 time	2.55				6.93							14.01	/ 4			
reaction time interval					4.38						7.08					
wind 2.8 m/s velocity	5.10				7.76						7.49	7.14				

Helsby, Ashley (GBR) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Windsprint (Sundsvall, SWE)													*Blomkvist (2010) - 100/110m Hurdles: Development*			
date 08-Aug-10 time	2.67	3.75	4.81	5.86	6.90	7.95	9.04	10.14	11.28	12.49		14.01	/ 3			
reaction time interval		1.08	1.06	1.05	1.04	1.05	1.09	1.10	1.14	1.21	1.52			3.19	3.18	3.45
wind 0.6 m/s velocity	4.87	7.87	8.02	8.10	8.17	8.10	7.80	7.73	7.46	7.02	6.91	7.14		7.99	8.02	7.39

Oikawa, Yuka (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.70	3.81	4.93	6.03	7.13	8.22	9.33	10.45	11.59	12.73		14.01	5 / 1			
reaction time interval		1.11	1.12	1.10	1.10	1.09	1.11	1.12	1.14	1.14	1.28			3.33	3.30	3.40
wind 1.1 m/s velocity	4.81	7.21	7.14	7.27	7.27	7.34	7.21	7.14	7.02	7.02	11.72	7.14		7.21	7.27	7.06

Yasui, Ayana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.03) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.72	3.82	4.93	6.04	7.14	8.26	9.37	10.50	11.64	12.79		14.01	6 / 1			
reaction time interval		1.10	1.11	1.11	1.10	1.12	1.11	1.13	1.14	1.15	1.22			3.32	3.33	3.42
wind 2.1 m/s velocity	4.78	7.27	7.21	7.21	7.27	7.14	7.21	7.08	7.02	6.96	12.30	7.14		7.23	7.21	7.02

Matsuo, Mika (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/04/07/post-249/*			
date 06-Apr-17 time	2.73	3.85	4.96	6.05	7.15	8.25	9.35	10.46	11.59	12.73		14.01	4 / 1			
reaction time interval		1.12	1.11	1.09	1.10	1.10	1.10	1.11	1.13	1.14	1.28			3.32	3.30	3.38
wind -1.8 m/s velocity	4.76	7.59	7.66	7.80	7.73	7.73	7.73	7.66	7.52	7.46	8.20	7.14		7.68	7.73	7.54

Sato, Nodoka (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FNAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*																
date 02-Aug-17 time	2.71	3.81	4.90	6.00	7.10	8.21	9.33	10.47	11.60	12.75		14.01	7 / 2			
reaction time 0.133 interval		1.10	1.09	1.10	1.10	1.11	1.12	1.14	1.13	1.15	1.26			3.29	3.33	3.42
wind -2.9 m/s velocity	4.80	7.73	7.80	7.73	7.73	7.66	7.59	7.46	7.52	7.39	8.33	7.14		7.75	7.66	7.46

Oikawa, Riko (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23 time	2.72	3.84	4.94	6.02	7.10	8.17	9.32	10.43	11.53	12.68		14.01	7 / 6			

reaction time	0.181	interval		1.12	1.10	1.08	1.08	1.07	1.15	1.11	1.10	1.15	1.33			3.30	3.30	3.36
wind	-1.4 m/s	velocity	4.78	7.59	7.73	7.87	7.87	7.94	7.39	7.66	7.73	7.39	7.56	7.14		7.73	7.73	7.59

Okubo, Heki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN)													*Takashima (2023) - national high school sports festival - biomechanics data*			
date 06-Aug-23 time	2.78	3.91	5.01	6.09	7.16	8.24	9.33	10.42	11.56	12.73		14.01	8 / 7			
reaction time 0.227 interval		1.13	1.10	1.08	1.07	1.08	1.09	1.09	1.14	1.17	1.28			3.31	3.24	3.40
wind 0.8 m/s velocity	4.68	7.52	7.73	7.87	7.94	7.87	7.80	7.80	7.46	7.26	7.85	7.14		7.70	7.87	7.50

Takahashi, Makato (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.80	3.93	5.05	6.15	7.25	8.35	9.45	10.56	11.70	12.83		14.02	3 / 2			
reaction time interval		1.13	1.12	1.10	1.10	1.10	1.10	1.11	1.14	1.13	1.19			3.35	3.30	3.38
wind 1.3 m/s velocity	4.64	7.52	7.59	7.73	7.73	7.73	7.73	7.66	7.46	7.52	8.82	7.13		7.61	7.73	7.54

Kobayashi, Sayaka (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17 time	2.75	3.88	4.98	6.07	7.19	8.30	9.39	10.51	11.66	12.80		14.02	9 / 7			
reaction time interval		1.13	1.10	1.09	1.12	1.11	1.09	1.12	1.15	1.14	1.22			3.32	3.32	3.41
wind -0.6 m/s velocity	4.73	7.52	7.73	7.80	7.59	7.66	7.80	7.59	7.39	7.46	8.61	7.13		7.68	7.68	7.48

Nagamine, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-18 time	2.75	3.87	5.00	6.10	7.20	8.30	9.42	10.52	11.65	12.77		14.02	5 / 1			
reaction time interval		1.12	1.13	1.10	1.10	1.10	1.12	1.10	1.13	1.12	1.25			3.35	3.32	3.35
wind 1.2 m/s velocity	4.73	7.59	7.52	7.73	7.73	7.73	7.59	7.73	7.52	7.59	8.04	7.13		7.61	7.68	7.61

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.70	3.77	4.86	5.91	6.99	8.11	9.23	10.39	11.54	12.75		14.02	4 / 4			
reaction time 0.197 interval		1.07	1.09	1.05	1.08	1.12	1.12	1.16	1.15	1.21	1.27			3.21	3.32	3.52
wind -0.2 m/s velocity	4.81	7.94	7.80	8.10	7.87	7.59	7.59	7.33	7.39	7.02	8.27	7.13		7.94	7.68	7.24

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.76	3.88	4.98	6.09	7.19	8.29	9.41	10.54	11.67	12.80		14.02	5 / 6			
reaction time 0.218 interval		1.12	1.10	1.11	1.10	1.10	1.12	1.13	1.13	1.13	1.22			3.33	3.32	3.39
wind -0.6 m/s velocity	4.71	7.59	7.73	7.66	7.73	7.73	7.59	7.52	7.52	7.52	8.24	7.13		7.66	7.68	7.52

James, Tiki (USA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2005 USATF National Junior Championships (Carson, CA)													*USATF Women's Sprint Development (2005)*			
date 23-Jun-05 time	2.70	3.80	4.91	6.00	7.10	8.22	9.33	10.46	11.60	12.70		14.03	8 / 3			
reaction time interval		1.10	1.11	1.09	1.10	1.12	1.11	1.13	1.14	1.10	1.33			3.30	3.33	3.37
wind -0.7 m/s velocity	4.81	7.73	7.66	7.80	7.73	7.59	7.66	7.52	7.46	7.73	7.89	7.13		7.73	7.66	7.57

Kanai, Marumi (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)													*Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*			
date 02-Aug-15 time	2.71	3.85	4.97	6.09	7.20	8.29	9.42	10.54	11.67	12.81		14.03	8 / 5			
reaction time interval		1.14	1.12	1.12	1.11	1.09	1.13	1.12	1.13	1.14	1.22	PB		3.38	3.33	3.39
wind 0.9 m/s velocity	4.80	7.46	7.59	7.59	7.66	7.80	7.52	7.59	7.52	7.46	8.61	7.13		7.54	7.66	7.52

Ibaraki, Rin (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)													*Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-17 time	2.70	3.80	4.93	6.05	7.14	8.28	9.40	10.57	11.70	12.85		14.03	3 / 3			
reaction time 0.144 interval		1.10	1.13	1.12	1.09	1.14	1.12	1.17	1.13	1.15	1.18			3.35	3.35	3.45
wind -2.9 m/s velocity	4.81	7.73	7.52	7.59	7.80	7.46	7.59	7.26	7.52	7.39	8.90	7.13		7.61	7.61	7.39

Fujimori, Nana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													*Kijima (2020) - race analysis of 2020 top domestic japanese 100m hurdlers*			
date 23-Aug-20 time	2.72	3.79	4.83	5.87	6.92	8.01						14.03	8 / 9			
reaction time 0.138 interval		1.07	1.04	1.04	1.05	1.09								3.15		
wind 0.3 m/s velocity	4.78	7.94	8.17	8.17	8.10	7.80						7.13		8.10		

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.77	3.89	5.00	6.10	7.19	8.28	9.41	10.54	11.67	12.81		14.03	8 / 6			
reaction time 0.239 interval		1.12	1.11	1.10	1.09	1.09	1.13	1.13	1.13	1.14	1.22			3.33	3.31	3.40
wind 0.3 m/s velocity	4.69	7.59	7.66	7.73	7.80	7.80	7.52	7.52	7.52	7.46	8.24	7.13		7.66	7.70	7.50

Bomme, Emma Beiter (DEN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8			Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Seashore Doha Meeting (Doha, QAT) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 10-May-24 time	2.67	3.77	4.84	5.90	6.97	8.00	9.07	10.14	11.24	12.31		14.03	1 / ~~7~~ 6			
reaction time 0.149 interval		1.10	1.07	1.06	1.07	1.03	1.07	1.07	1.10	1.07	1.72			3.23	3.17	3.24

wind	1.7 m/s	velocity	4.87	7.73	7.94	8.02	7.94	8.25	7.94	7.94	7.73	7.94	5.84	7.13		7.89	8.04	7.87

Morgulina, Nina (URS) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1975 International "Pravda" Sportfest (Sotschi, URS)													*Artyschenko (1977) - zwischen den hürden geht es um die sekunde, teil 2*			
date 29-May-75	time	2.4	3.6	4.7	5.9	6.9	8.1	9.2	10.3	11.3	12.5		13.8	/ 4			
reaction time	interval		1.19	1.17	1.15	1.05	1.15	1.09	1.09	1.03	1.21	1.35			3.51	3.29	3.33
wind ??	velocity	5.51	7.14	7.26	7.39	8.10	7.39	7.80	7.80	8.25	7.02	7.78	7.23		7.26	7.75	7.66

Ingelmo, Sandra (ESP) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 Spanish National Championships (San Sebastián, ESP)													*Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*			
date 01-Aug-98	time	2.64	3.72	4.82	5.89	6.98	8.08	9.25	10.38	11.54	12.70		14.04	3 / 3			
reaction time	interval		1.08	1.10	1.07	1.09	1.10	1.17	1.13	1.16	1.16	1.34			3.25	3.36	3.45
wind 0.0 m/s	velocity	4.92	7.87	7.73	7.94	7.80	7.73	7.26	7.52	7.33	7.33	7.84	7.12		7.85	7.59	7.39

Dvoráková, Katerina (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.82	3.95	5.03	6.14	7.23	8.31	9.43	10.53	11.65	12.78		14.04	1 / 1			
reaction time 0.174	interval		1.13	1.08	1.11	1.09	1.08	1.12	1.10	1.12	1.13	1.26			3.32	3.29	3.35
wind -1.8 m/s	velocity	4.61	7.52	7.87	7.66	7.80	7.87	7.59	7.73	7.59	7.52	8.33	7.12		7.68	7.75	7.61

Kamada, Saki (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.03) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.73	3.86	4.98	6.07	7.17	8.25	9.36	10.48	11.61	12.76		14.04	3 / 4			
reaction time	interval		1.13	1.12	1.09	1.10	1.08	1.11	1.12	1.13	1.15	1.28			3.34	3.29	3.40
wind 2.1 m/s	velocity	4.76	7.08	7.14	7.34	7.27	7.41	7.21	7.14	7.08	6.96	11.72	7.12		7.19	7.29	7.06

Nakayama, Riko (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL B - 2016 Japanese Junior Olympics (Yokohama, JPN) (76cm/8.0m)													*(2016.10.30) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 30-Oct-16	time	2.68	3.71	4.74	5.77	6.81	7.85	8.90	9.98	11.06	12.16		14.04	5 / 1			
reaction time	interval		1.03	1.03	1.03	1.04	1.04	1.05	1.08	1.08	1.10	1.88			3.09	3.13	3.26
wind -1.1 m/s	velocity	4.85	7.77	7.77	7.77	7.69	7.69	7.62	7.41	7.41	7.27	7.98	7.12		7.77	7.67	7.36

Moriwaki, Kanami (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22	time	2.70	3.81	4.90	6.00	7.09	8.18	9.28	10.42	11.57	12.74		14.04	2 / 6			
reaction time 0.144	interval		1.11	1.09	1.10	1.09	1.09	1.10	1.14	1.15	1.17	1.30			3.30	3.28	3.46
wind -1.5 m/s	velocity	4.81	7.66	7.80	7.73	7.80	7.80	7.73	7.46	7.39	7.26	7.73	7.12		7.73	7.77	7.37

Okubo, Aoi (JPN) (2007)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)													*Takashima (2024) - national high school sports festival - biomechanics data*			
date 01-Aug-24	time	2.68	3.81	4.90	6.00	7.07	8.15	9.25	10.36	11.50	12.73		14.04	9 / 8			
reaction time 0.142	interval		1.13	1.09	1.10	1.07	1.08	1.10	1.11	1.14	1.23	1.31			3.32	3.25	3.48
wind 1.0 m/s	velocity	4.85	7.52	7.80	7.73	7.94	7.87	7.73	7.66	7.46	6.91	7.67	7.12		7.68	7.85	7.33

Vokálová, Tereza (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.75	3.87	4.98	6.08	7.18	8.27	9.39	10.50	11.65	12.79		14.05	6 / 2			
reaction time 0.149	interval		1.12	1.11	1.10	1.10	1.09	1.12	1.11	1.15	1.14	1.26			3.33	3.31	3.40
wind -3.6 m/s	velocity	4.73	7.59	7.66	7.73	7.73	7.80	7.59	7.66	7.39	7.46	8.33	7.12		7.66	7.70	7.50

Chiba, Momoka (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.76	3.87	4.98	6.08	7.19	8.29	9.41	10.54	11.68	12.85		14.05	6 / 3			
reaction time	interval		1.11	1.11	1.10	1.11	1.10	1.12	1.13	1.14	1.17	1.20			3.32	3.33	3.44
wind 1.3 m/s	velocity	4.71	7.66	7.66	7.73	7.66	7.73	7.59	7.52	7.46	7.26	8.75	7.12		7.68	7.66	7.41

Kataoka, Saki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Kinami Michitaka Memorial (Osaka, JPN)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 06-May-18	time	2.79	3.94	5.06	6.14	7.22	8.30	9.41	10.54	11.68	12.83		14.05	8 / 8			
reaction time	interval		1.15	1.12	1.08	1.08	1.08	1.11	1.13	1.14	1.15	1.22			3.35	3.27	3.42
wind -0.5 m/s	velocity	4.66	7.39	7.59	7.87	7.87	7.87	7.66	7.52	7.46	7.39	8.61	7.12		7.61	7.80	7.46

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN)													*CAA Hurdle Development (2021)*			
date 08-Apr-21	time	2.72	3.80	4.88	6.00	7.08	8.20	9.32	10.44	11.60	12.76		14.05	5 / 6			
reaction time	interval		1.08	1.08	1.12	1.08	1.12	1.12	1.12	1.16	1.16	1.29			3.28	3.32	3.44
wind -0.1 m/s	velocity	4.78	7.87	7.87	7.59	7.87	7.59	7.59	7.59	7.33	7.33	7.79	7.12		7.77	7.68	7.41

Rito, Nonoka (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2021 Japanese Multi-Event National Championships (Nagano, JPN)													*Matsubayashi (2021) - 100m hurdles race analysis of heptathletes in the 2021 season*			
date 12-Jun-21	time	2.72	3.82	4.93	6.02	7.12	8.23	9.33	10.48	11.62	12.80		14.05	3 / 6			
reaction time 0.169	interval		1.10	1.11	1.09	1.10	1.11	1.10	1.15	1.14	1.18	1.25			3.30	3.31	3.47
wind 1.4 m/s	velocity	4.78	7.73	7.66	7.80	7.73	7.66	7.73	7.39	7.46	7.20	8.04	7.12		7.73	7.70	7.35

Adams, Jenny (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													*USATF Women's Sprint Development (1996)*			
date 29-Jun-96	time	2.58	3.68	4.75	5.83	6.93	8.05	9.15	10.29	11.43	12.57		14.06	3 / 4			
reaction time	interval		1.10	1.07	1.08	1.10	1.12	1.10	1.14	1.14	1.14	1.49			3.25	3.32	3.42
wind -2.5 m/s	velocity	5.04	7.73	7.94	7.87	7.73	7.59	7.73	7.46	7.46	7.46	7.05	7.11		7.85	7.68	7.46

Hallin, Ellinore (SWE) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2011 Windsprint (Sundsvall, SWE)													*Blomkvist (2011) - www.sub13.se*			
date 31-Jul-11	time	2.81	3.95	5.03	6.14							14.06	/ 6			
reaction time	interval		1.14	1.08	1.11									3.33		
wind 1.4 m/s	velocity	4.63	7.46	7.87	7.66							7.11		7.66		

Semecká, Tereza (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.93	4.01	5.10	6.20	7.29	8.39	9.47	10.57	11.67	12.83		14.06	3 / 1			
reaction time 0.242	interval		1.08	1.09	1.10	1.09	1.10	1.08	1.10	1.10	1.16	1.23			3.27	3.27	3.36
wind -3.6 m/s	velocity	4.44	7.87	7.80	7.73	7.80	7.73	7.87	7.73	7.73	7.33	8.54	7.11		7.80	7.80	7.59

Saito, Ukiyoshi (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.70	3.79	4.89	6.01	7.09	8.20	9.30	10.45	11.59	12.76		14.06	7 / 2			
reaction time	interval		1.09	1.10	1.12	1.08	1.11	1.10	1.15	1.14	1.17	1.30			3.31	3.29	3.46
wind 1.1 m/s	velocity	4.81	7.34	7.27	7.14	7.41	7.21	7.27	6.96	7.02	6.84	11.54	7.11		7.25	7.29	6.94

Ge Ge (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.67	3.79	4.91	6.02	7.11	8.24	9.37	10.49	11.59	12.76		14.06	3 / 4			
reaction time 0.188	interval		1.12	1.12	1.11	1.09	1.13	1.13	1.12	1.10	1.17	1.30	PB		3.35	3.35	3.39
wind -0.1 m/s	velocity	4.87	7.59	7.59	7.66	7.80	7.52	7.52	7.59	7.73	7.26	8.08	7.11		7.61	7.61	7.52

Tomková, Helena (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.89	4.04	5.12	6.26	7.35	8.44	9.52	10.62	11.74	12.90		14.07	6 / 2			
reaction time 0.178	interval		1.15	1.08	1.14	1.09	1.09	1.08	1.10	1.12	1.16	1.17			3.37	3.26	3.38
wind -1.0 m/s	velocity	4.50	7.39	7.87	7.46	7.80	7.80	7.87	7.73	7.59	7.33	8.97	7.11		7.57	7.82	7.54

Okamoto, Rika (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)													*Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*			
date 02-Aug-15	time	2.70	3.79	4.88	5.99	7.08	8.18	9.31	10.44	11.58	12.75		14.07	9 / 6			
reaction time	interval		1.09	1.09	1.11	1.09	1.10	1.13	1.13	1.14	1.17	1.32	PB		3.29	3.32	3.44
wind 0.9 m/s	velocity	4.81	7.80	7.80	7.66	7.80	7.73	7.52	7.52	7.46	7.26	7.95	7.11		7.75	7.68	7.41

Kita, Ayane (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.85	3.98	5.07	6.17	7.25	8.36	9.44	10.54	11.65	12.80		14.07	2 / 4			
reaction time	interval		1.13	1.09	1.10	1.08	1.11	1.08	1.10	1.11	1.15	1.27			3.32	3.27	3.36
wind 1.6 m/s	velocity	4.56	7.08	7.34	7.27	7.41	7.21	7.41	7.27	7.21	6.96	11.81	7.11		7.23	7.34	7.14

Kataoka, Saki (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/04/07/post-249/*			
date 06-Apr-17	time	2.72	3.85	4.98	6.09	7.19	8.28	9.41	10.54	11.66	12.82		14.07	5 / 2			
reaction time	interval		1.13	1.13	1.11	1.10	1.09	1.13	1.13	1.12	1.16	1.25			3.37	3.32	3.41
wind -1.8 m/s	velocity	4.78	7.52	7.52	7.66	7.73	7.80	7.52	7.52	7.59	7.33	8.40	7.11		7.57	7.68	7.48

Matata, Koki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm)													*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
date 07-Oct-18	time	2.67	3.79	4.90	6.00	7.10	8.20	9.32	10.43	11.57	12.73		14.07	2 / 8			
reaction time 0.127	interval		1.12	1.11	1.10	1.10	1.10	1.12	1.11	1.14	1.16	1.34			3.33	3.32	3.41
wind 2.0 m/s	velocity	4.87	7.59	7.66	7.73	7.73	7.73	7.59	7.66	7.46	7.33	7.84	7.11		7.66	7.68	7.48

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.76	3.87	4.97	6.05	7.14	8.25	9.35	10.46	11.61	12.78		14.07	9 / 3			
reaction time 0.158	interval		1.11	1.10	1.08	1.09	1.11	1.10	1.11	1.15	1.17	1.29			3.29	3.30	3.43
wind 1.0 m/s	velocity	4.71	7.66	7.73	7.87	7.80	7.66	7.73	7.66	7.39	7.26	8.14	7.11		7.75	7.73	7.43

Klučinová, Eliška (CZE) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.81	3.96	5.09	6.19	7.29	8.38	9.48	10.60	11.77	12.88		14.08	7 / 5			
reaction time 0.161	interval		1.15	1.13	1.10	1.10	1.09	1.10	1.12	1.17	1.11	1.20			3.38	3.29	3.40
wind 0.3 m/s	velocity	4.63	7.39	7.52	7.73	7.73	7.80	7.73	7.59	7.26	7.66	8.75	7.10		7.54	7.75	7.50

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Nanjing World Challenge (Nanjing, CHN)													*CAA Hurdle Development (2019)*			
date 21-May-19 time	2.62	3.71	4.78	5.84	6.93	8.00	9.09	10.21				14.08	9 / 10			
reaction time 0.172 interval		1.09	1.07	1.06	1.09	1.07	1.09	1.12						3.22	3.25	
wind -1.0 m/s velocity	4.96	7.80	7.94	8.02	7.80	7.94	7.80	7.59				7.10		7.92	7.85	

Zhang Yi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.68	3.79	4.87	5.96	7.02	8.12	9.21	10.36	11.50	12.71		14.08	3 / 1			
reaction time 0.138 interval		1.11	1.08	1.09	1.06	1.10	1.09	1.15	1.14	1.21	1.37	PB		3.28	3.25	3.50
wind 0.5 m/s velocity	4.85	7.66	7.87	7.80	8.02	7.73	7.80	7.39	7.46	7.02	7.66	7.10		7.77	7.85	7.29

O'Connor, Kate (IRL) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24 time	2.63	3.80	4.91	6.01	7.10	8.22	9.33	10.44	11.57	12.71		14.08	7 / 7			
reaction time 0.137 interval		1.17	1.11	1.10	1.09	1.12	1.11	1.11	1.13	1.14	1.37			3.38	3.32	3.38
wind 0.1 m/s velocity	4.94	7.26	7.66	7.73	7.80	7.59	7.66	7.66	7.52	7.46	7.34	7.10		7.54	7.68	7.54

Higa, Kazuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.80	3.93	5.03	6.13	7.24	8.35	9.45	10.57	11.73	12.87		14.09	6 / 3			
reaction time interval		1.13	1.10	1.10	1.11	1.11	1.10	1.12	1.16	1.14	1.22			3.33	3.32	3.42
wind 1.5 m/s velocity	4.64	7.52	7.73	7.73	7.66	7.66	7.73	7.59	7.33	7.46	8.61	7.10		7.66	7.68	7.46

Oshiro, Yurika (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 6 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.03) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16 time	2.75	3.87	4.99	6.09	7.21	8.33	9.44	10.57	11.72	12.86		14.09	4 / 3			
reaction time interval		1.12	1.12	1.10	1.12	1.12	1.11	1.13	1.15	1.14	1.23			3.34	3.35	3.42
wind 2.1 m/s velocity	4.73	7.14	7.14	7.27	7.14	7.14	7.21	7.08	6.96	7.02	12.20	7.10		7.19	7.16	7.02

Ren Shimei (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.74	3.86	4.98	6.10	7.20	8.30	9.42	10.56	11.68	12.82		14.09	4 / 2			
reaction time 0.195 interval		1.12	1.12	1.12	1.10	1.10	1.12	1.14	1.12	1.14	1.27			3.36	3.32	3.40
wind 0.4 m/s velocity	4.74	7.59	7.59	7.59	7.73	7.73	7.59	7.46	7.59	7.46	7.91	7.10		7.59	7.68	7.50

Xiao Juxiu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.81	3.94	5.04	6.14	7.22	8.34	9.44	10.58	11.73	12.91		14.10	7 / 6			
reaction time interval		1.13	1.10	1.10	1.08	1.12	1.10	1.14	1.15	1.18	1.19			3.33	3.30	3.47
wind -0.6 m/s velocity	4.63	7.52	7.73	7.73	7.87	7.59	7.73	7.46	7.39	7.20	8.82	7.09		7.66	7.73	7.35

Avikainen, Viivi (FIN) (1987)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 08-Jul-20 time	2.73	3.83	4.93	6.00	7.06	8.23	9.33	10.46				14.10	8 / 6			
reaction time interval		1.10	1.10	1.07	1.06	1.17	1.10	1.13			3.64			3.27	3.33	
wind 0.7 m/s velocity	4.76	7.73	7.73	7.94	8.02	7.26	7.73	7.52			7.43	7.09		7.80	7.66	

Eriksson, Malin (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Windsprint (Sundsvall, SWE)													*Blomkvist (2012) - www.sub13.se*			
date 17-Jun-12 time	2.78	3.89	4.97	6.06	7.13	8.23	9.34	10.48	11.61	12.77		14.11	/ 4			
reaction time interval		1.11	1.08	1.09	1.07	1.10	1.11	1.14	1.13	1.16	1.34			3.28	3.28	3.43
wind 0.8 m/s velocity	4.68	7.66	7.87	7.80	7.94	7.73	7.66	7.46	7.52	7.33	7.84	7.09		7.77	7.77	7.43

Furuhashi, Kana (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Aichi Perfecture High School Meeting (Nagoya, JPN)													*(2016.05.29) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 20-May-16 time	2.75	3.85	4.98	6.10	7.21	8.33	9.45	10.58	11.72	12.89		14.11	3 / 1			
reaction time interval		1.10	1.13	1.12	1.11	1.12	1.12	1.13	1.14	1.17	1.22			3.35	3.35	3.44
wind -1.5 m/s velocity	4.73	7.73	7.52	7.59	7.66	7.59	7.59	7.52	7.46	7.26	8.61	7.09		7.61	7.61	7.41

Dai Yiru (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18 time	2.75	3.83	4.93	6.01	7.09	8.19	9.31	10.43	11.56	12.76		14.11	8 / 6			
reaction time interval		1.08	1.10	1.08	1.08	1.10	1.12	1.12	1.13	1.20	1.35			3.26	3.30	3.45
wind 0.0 m/s velocity	4.73	7.87	7.73	7.87	7.87	7.73	7.59	7.59	7.52	7.08	7.78	7.09		7.82	7.73	7.39

Taninaka, Tennka (JPN) (2006)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22 time	2.64	3.74	4.82	5.89	6.97	8.06	9.16	10.29	11.40	12.59		14.11	5 / 7			
reaction time 0.147 interval		1.10	1.08	1.07	1.08	1.09	1.10	1.13	1.11	1.19	1.52			3.25	3.27	3.43
wind -1.5 m/s velocity	4.92	7.73	7.87	7.94	7.87	7.80	7.73	7.52	7.66	7.14	6.61	7.09		7.85	7.80	7.43

Nakatuka, Natsuki (JPN) (1998)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.71	3.82	4.92	6.01	7.11	8.21	9.31	10.47	11.63	12.80		14.12	4 / 7		
reaction time		interval		1.11	1.10	1.09	1.10	1.10	1.10	1.16	1.16	1.17	1.32			3.30	3.30	3.49
wind	0.9 m/s	velocity	4.80	7.66	7.73	7.80	7.73	7.73	7.73	7.33	7.33	7.26	7.95	7.08		7.73	7.73	7.31

Egashira, Ami (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm) *(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.73	3.82	4.92	6.01	7.09	8.18	9.29	10.42	11.58	12.79		14.12	4 / 2		
reaction time		interval		1.09	1.10	1.09	1.08	1.09	1.11	1.13	1.16	1.21	1.33			3.28	3.28	3.50
wind	1.3 m/s	velocity	4.76	7.34	7.27	7.34	7.41	7.34	7.21	7.08	6.90	6.61	11.28	7.08		7.32	7.32	6.86

Yasui, Ayana (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN) *(2017) - tfdata-store.com/2017/04/07/post-249/*

date	06-Apr-17	time	2.76	3.89	5.00	6.12	7.24	8.34	9.46	10.61	11.73	12.89		14.12	6 / 3		
reaction time		interval		1.13	1.11	1.12	1.12	1.10	1.12	1.15	1.12	1.16	1.23			3.36	3.34	3.43
wind	-1.8 m/s	velocity	4.71	7.52	7.66	7.59	7.59	7.73	7.59	7.39	7.59	7.33	8.54	7.08		7.59	7.63	7.43

Yasui, Mari (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) (76cm) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	06-Oct-19	time	2.75	3.88	4.98	6.09	7.19	8.28	9.41	10.57	11.72	12.87		14.12	2 / 8		
reaction time	0.188	interval		1.13	1.10	1.11	1.10	1.09	1.13	1.16	1.15	1.15	1.25			3.34	3.32	3.46
wind	1.6 m/s	velocity	4.73	7.52	7.73	7.66	7.73	7.80	7.52	7.33	7.39	7.39	8.40	7.08		7.63	7.68	7.37

Tang Yuqing (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Chinese National Grand Prix (Huangshi, CHN) *Gong (2023) - research on the technical characteristics of outstanding women's 100m hurdlers in china*

date	13-Jul-22	time	2.84			6.11			9.36			12.80		14.12	/ 5		
reaction time		interval				3.27			3.25			3.44	1.32			3.27	3.25	3.44
wind	-1.1 m/s	velocity	4.58			7.80			7.85			7.41	7.61	7.08		7.80	7.85	7.41

Klučinová, Eliška (CZE) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.84	3.98	5.08	6.19	7.29	8.40	9.53	10.65	11.78	12.93		14.13	5 / 2		
reaction time	0.153	interval		1.14	1.10	1.11	1.10	1.11	1.13	1.12	1.13	1.15	1.20			3.35	3.34	3.40
wind	-0.9 m/s	velocity	4.58	7.46	7.73	7.66	7.73	7.66	7.52	7.59	7.52	7.39	8.75	7.08		7.61	7.63	7.50

Negi, Mariko (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.74	3.85	5.00	6.14	7.27	8.39	9.50	10.62	11.76	12.88		14.13	1 / 8		
reaction time		interval		1.11	1.15	1.14	1.13	1.12	1.11	1.12	1.14	1.12	1.25			3.40	3.36	3.38
wind	0.9 m/s	velocity	4.74	7.66	7.39	7.46	7.52	7.59	7.66	7.59	7.46	7.59	8.40	7.08		7.50	7.59	7.54

Tanaka, Yoko (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.74	3.88	4.99	6.09	7.19	8.30	9.42	10.54	11.67	12.82		14.13	3 / 2		
reaction time		interval		1.14	1.11	1.10	1.10	1.11	1.12	1.12	1.13	1.15	1.31			3.35	3.33	3.40
wind	1.5 m/s	velocity	4.74	7.46	7.66	7.73	7.73	7.66	7.59	7.59	7.52	7.39	8.02	7.08		7.61	7.66	7.50

Wang Dou (CHN) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.82	3.94	5.04	6.14	7.24	8.34	9.46	10.61	11.75	12.86		14.13	6 / 5		
reaction time	0.206	interval		1.12	1.10	1.10	1.10	1.10	1.12	1.15	1.14	1.11	1.27			3.32	3.32	3.40
wind	-0.2 m/s	velocity	4.61	7.59	7.73	7.73	7.73	7.73	7.59	7.39	7.46	7.66	8.27	7.08		7.68	7.68	7.50

Shi Jiali (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	24-Aug-19	time	2.75	3.85	4.94	6.02	7.12	8.22	9.34	10.47	11.64	12.81		14.13	8 / 8		
reaction time	0.208	interval		1.10	1.09	1.08	1.10	1.10	1.12	1.13	1.17	1.17	1.32			3.27	3.32	3.47
wind	-0.1 m/s	velocity	4.73	7.73	7.80	7.87	7.73	7.73	7.59	7.52	7.26	7.26	7.95	7.08		7.80	7.68	7.35

Wei Yuhui (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.76	3.88	4.98	6.08	7.16	8.26	9.36	10.48	11.64	12.80		14.13	6 / 4		
reaction time	0.168	interval		1.12	1.10	1.10	1.08	1.10	1.10	1.12	1.16	1.16	1.33	PB		3.32	3.28	3.44
wind	1.0 m/s	velocity	4.71	7.59	7.73	7.73	7.87	7.73	7.73	7.59	7.33	7.33	7.56	7.08		7.68	7.77	7.41

Yin Xiaoxia (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	27-May-23	time	2.81	3.93	5.04	6.14	7.25	8.34	9.46	10.60	11.73	12.88		14.13	1 / 7		
reaction time	0.218	interval		1.12	1.11	1.10	1.11	1.09	1.12	1.14	1.13	1.15	1.25			3.33	3.32	3.42
wind	-1.2 m/s	velocity	4.63	7.59	7.66	7.73	7.66	7.80	7.59	7.46	7.52	7.39	8.04	7.08		7.66	7.68	7.46

Rodríguez, Jessica (ESP) (1975)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1998 Spanish National Championships (San Sebastián, ESP) *Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*

date	01-Aug-98	time	2.69	3.78	4.87	5.99	7.11	8.23	9.32	10.45	11.59	12.77		14.14	7 / 4			
reaction time		interval		1.09	1.09	1.12	1.12	1.12	1.09	1.13	1.14	1.18	1.37			3.30	3.33	3.45
wind	0.0 m/s	velocity	4.83	7.80	7.80	7.59	7.59	7.59	7.80	7.52	7.46	7.20	7.66	7.07		7.73	7.66	7.39

McGrew, Ashleigh (USA) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2005 USATF National Junior Championships (Carson, CA)													*USATF Women's Sprint Development (2005)*			
date	23-Jun-05	time	2.69	3.91	4.99	6.14	7.23	8.33	9.44	10.58	11.67	12.76		14.14	6 / 4			
reaction time		interval		1.22	1.08	1.15	1.09	1.10	1.11	1.14	1.09	1.09	1.38			3.45	3.30	3.32
wind	-0.7 m/s	velocity	4.83	6.97	7.87	7.39	7.80	7.73	7.66	7.46	7.80	7.80	7.61	7.07		7.39	7.73	7.68

Galertová, Alena (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date	15-Jun-13	time	2.83	3.97	5.08	6.15	7.28	8.37	9.50	10.61	11.70	12.89		14.14	5 / 2			
reaction time	0.197	interval		1.14	1.11	1.07	1.13	1.09	1.13	1.11	1.09	1.19	1.25			3.32	3.35	3.39
wind	-1.8 m/s	velocity	4.59	7.46	7.66	7.94	7.52	7.80	7.52	7.66	7.80	7.14	8.40	7.07		7.68	7.61	7.52

Komrsková, Aneta (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date	15-Jun-13	time	2.80	3.94	5.05	6.15	7.24	8.35	9.44	10.56	11.72	12.85		14.14	1 / 6			
reaction time	0.203	interval		1.14	1.11	1.10	1.09	1.11	1.09	1.12	1.16	1.13	1.29			3.35	3.29	3.41
wind	0.3 m/s	velocity	4.64	7.46	7.66	7.73	7.80	7.66	7.80	7.59	7.33	7.52	8.14	7.07		7.61	7.75	7.48

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date	08-Jul-19	time	2.80	3.92	5.02	6.10	7.18	8.28	9.40	10.52	11.66	12.82		14.14	3 / 4			
reaction time	0.195	interval		1.12	1.10	1.08	1.08	1.10	1.12	1.12	1.14	1.16	1.32			3.30	3.30	3.42
wind	0.7 m/s	velocity	4.64	7.59	7.73	7.87	7.87	7.73	7.59	7.59	7.46	7.33	7.95	7.07		7.73	7.73	7.46

Ge Ge (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date	14-Aug-19	time	2.76	3.90	5.02	6.09	7.19	8.31	9.45	10.58	11.71	12.88		14.14	6 / 3			
reaction time	0.190	interval		1.14	1.12	1.07	1.10	1.12	1.14	1.13	1.13	1.17	1.26	PB		3.33	3.36	3.43
wind	-0.2 m/s	velocity	4.71	7.46	7.59	7.94	7.73	7.59	7.46	7.52	7.52	7.26	8.33	7.07		7.66	7.59	7.43

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date	14-Aug-19	time	2.71	3.84	4.94	6.06	7.16	8.27	9.39	10.54	11.68	12.83		14.14	9 / 5			
reaction time	0.374	interval		1.13	1.10	1.12	1.10	1.11	1.12	1.15	1.14	1.15	1.31	PB		3.35	3.33	3.44
wind	-0.1 m/s	velocity	4.80	7.52	7.73	7.59	7.73	7.66	7.59	7.39	7.46	7.39	8.02	7.07		7.61	7.66	7.41

Bretz, Heide-Lore (FRG) (1955)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1974 West German National Championships (Hannover, FRG)													*Letzelter (1977) - Hurdensprint: geschwindigkeitsverlauf und spezielle eigenschaften*			
date	28-Jul-74	time	2.58				7.06							14.15	/ 7			
reaction time		interval					4.48						7.09					
wind	2.8 m/s	velocity	5.04				7.59						7.48	7.07				

Fraguas, Raquel (ESP) (1976)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 Spanish National Championships (San Sebastián, ESP)													*Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*			
date	01-Aug-98	time	2.65	3.74	4.83	5.95	7.05	8.18	9.36	10.51	11.65	12.85		14.15	6 / 5			
reaction time		interval		1.09	1.09	1.12	1.10	1.13	1.18	1.15	1.14	1.20	1.30			3.30	3.41	3.49
wind	0.0 m/s	velocity	4.91	7.80	7.80	7.59	7.73	7.52	7.20	7.39	7.46	7.08	8.08	7.07		7.73	7.48	7.31

Kawafune, Manami (JPN) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2008 Miko Oda Memorial (Hiroshima, JPN)													*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	29-Apr-08	time	2.57	3.72	4.84	5.94	7.05	8.17	9.30	10.44	11.59	12.75		14.15	/ 2			
reaction time		interval		1.15	1.12	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.40			3.37	3.36	3.45
wind	-0.9 m/s	velocity	5.06	7.39	7.59	7.73	7.66	7.59	7.52	7.46	7.39	7.33	7.50	7.07		7.57	7.59	7.39

Oyamada, Tamaki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	21-Oct-16	time	2.74	3.83	4.91	5.99	7.10	8.22	9.34	10.48	11.63	12.84		14.15	8 / 3			
reaction time		interval		1.09	1.08	1.08	1.11	1.12	1.12	1.14	1.15	1.21	1.31			3.25	3.35	3.50
wind	0.4 m/s	velocity	4.74	7.34	7.41	7.41	7.21	7.14	7.14	7.02	6.96	6.61	11.45	7.07		7.38	7.16	6.86

Nagamine, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date	08-Aug-19	time	2.71	3.81	4.89	5.99	7.10	8.24	9.36	10.50	11.67	12.86		14.15	4 / 2			
reaction time		interval		1.10	1.08	1.10	1.11	1.14	1.12	1.14	1.17	1.19	1.29			3.28	3.37	3.50
wind	-4.1 m/s	velocity	4.80	7.73	7.87	7.73	7.66	7.46	7.59	7.46	7.26	7.14	8.14	7.07		7.77	7.57	7.29

Tezuka, Mai (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date	08-Aug-19	time	2.71	3.84	4.93	6.01	7.14	8.27	9.41	10.56	11.72	12.88		14.15	6 / 3			

reaction time		interval		1.13	1.09	1.08	1.13	1.13	1.14	1.15	1.16	1.16	1.27			3.30	3.40	3.47
wind	-4.1 m/s	velocity	4.80	7.52	7.80	7.87	7.52	7.52	7.46	7.39	7.33	7.33	8.27	7.07		7.73	7.50	7.35

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.72	3.84	4.94	6.03	7.17	8.29	9.44	10.58	11.74	12.91		14.15	4 / 2			
reaction time 0.170	interval		1.12	1.10	1.09	1.14	1.12	1.15	1.14	1.16	1.17	1.24	=PB		3.31	3.41	3.47
wind 0.0 m/s	velocity	4.78	7.59	7.73	7.80	7.46	7.59	7.39	7.46	7.33	7.26	8.47	7.07		7.70	7.48	7.35

Luo Xianyan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20	time	2.73	3.83	4.94	6.05	7.15	8.28	9.42	10.55	11.70	12.86		14.15	9 / 7			
reaction time 0.153	interval		1.10	1.11	1.11	1.10	1.13	1.14	1.13	1.15	1.16	1.29			3.32	3.37	3.44
wind -0.6 m/s	velocity	4.76	7.73	7.66	7.66	7.73	7.52	7.46	7.52	7.39	7.33	7.79	7.07		7.68	7.57	7.41

Qin Hongyan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21	time	2.73	3.84	4.96	6.05	7.14	8.25	9.36	10.48	11.65	12.83		14.15	7 / 4			
reaction time 0.230	interval		1.11	1.12	1.09	1.09	1.11	1.11	1.12	1.17	1.18	1.32			3.32	3.31	3.47
wind -1.8 m/s	velocity	4.76	7.66	7.59	7.80	7.80	7.66	7.66	7.59	7.26	7.20	7.61	7.07		7.68	7.70	7.35

Miyamatsu, Shiki (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)													*Kishima (2022) - national high school championships biomechanics data collection*			
date 07-Aug-22	time	2.71	3.82	4.95	6.05	7.17	8.28	9.41	10.56	11.70	12.88		14.15	8 / 8			
reaction time 0.151	interval		1.11	1.13	1.10	1.12	1.11	1.13	1.15	1.14	1.18	1.27			3.34	3.36	3.47
wind -1.5 m/s	velocity	4.80	7.66	7.52	7.73	7.59	7.66	7.52	7.39	7.46	7.20	7.91	7.07		7.63	7.59	7.35

Yamada, Hiromi (JPN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)													*Kishima (2024) - race analysis of top domestic and overseas women's 100m hurdles in the 2023 season*			
date 03-Jun-23	time	2.75	3.89	5.01	6.13	7.25	8.37	9.49	10.65	11.79	12.92		14.15	8 / 7			
reaction time 0.170	interval		1.14	1.12	1.12	1.12	1.12	1.12	1.16	1.14	1.13	1.23			3.38	3.36	3.43
wind -1.4 m/s	velocity	4.73	7.46	7.59	7.59	7.59	7.59	7.59	7.33	7.46	7.52	8.17	7.07		7.54	7.59	7.43

Nejedlová, Michaela (CZE) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.81	3.92	5.02	6.11	7.22	8.33	9.45	10.59	11.74	12.89		14.16	6 / 3			
reaction time 0.171	interval		1.11	1.10	1.09	1.11	1.11	1.12	1.14	1.15	1.15	1.27			3.30	3.34	3.44
wind -0.9 m/s	velocity	4.63	7.66	7.73	7.80	7.66	7.66	7.59	7.46	7.39	7.39	8.27	7.06		7.73	7.63	7.41

Oikawa, Yuka (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)													*Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-17	time	2.75	3.89	5.03	6.15	7.28	8.42	9.55	10.68	11.80	12.91		14.16	8 / 4			
reaction time 0.153	interval		1.14	1.14	1.12	1.13	1.14	1.13	1.13	1.12	1.11	1.25			3.40	3.40	3.36
wind -2.9 m/s	velocity	4.73	7.46	7.46	7.59	7.52	7.46	7.52	7.52	7.59	7.66	8.40	7.06		7.50	7.50	7.59

Gilchrist, Danielle (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2005 USATF National Junior Championships (Carson, CA)													*USATF Women's Sprint Development (2005)*			
date 23-Jun-05	time	2.75	3.87	4.95	6.10	7.21	8.33	9.44	10.58	11.70	12.85		14.17	2 / 5			
reaction time	interval		1.12	1.08	1.15	1.11	1.12	1.11	1.14	1.12	1.15	1.32	PB		3.35	3.34	3.41
wind -0.7 m/s	velocity	4.73	7.59	7.87	7.39	7.66	7.59	7.66	7.46	7.59	7.39	7.95	7.06		7.61	7.63	7.48

Šimečková, Michaela (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.83	3.98	5.08	6.16	7.25	8.33	9.43	10.56	11.71	12.90		14.17	7 / 3			
reaction time 0.213	interval		1.15	1.10	1.08	1.09	1.08	1.10	1.13	1.15	1.19	1.27			3.33	3.27	3.47
wind -3.6 m/s	velocity	4.59	7.39	7.73	7.87	7.80	7.87	7.73	7.52	7.39	7.14	8.27	7.06		7.66	7.80	7.35

Jiang Liyunzhe (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.70	3.84	4.96	6.10	7.18	8.28	9.41	10.56	11.72	12.87		14.17	5 / 1			
reaction time 0.262	interval		1.14	1.12	1.14	1.08	1.10	1.13	1.15	1.16	1.15	1.30	PB		3.40	3.31	3.46
wind 0.1 m/s	velocity	4.81	7.46	7.59	7.46	7.87	7.73	7.52	7.39	7.33	7.39	8.08	7.06		7.50	7.70	7.37

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.73	3.85	4.94	6.02	7.13	8.22	9.34	10.48	11.63	12.80		14.17	8 / 2			
reaction time 0.183	interval		1.12	1.09	1.08	1.11	1.09	1.12	1.14	1.15	1.17	1.37			3.29	3.32	3.46
wind 0.1 m/s	velocity	4.76	7.59	7.80	7.87	7.66	7.80	7.59	7.46	7.39	7.26	7.66	7.06		7.75	7.68	7.37

Wada, Yuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Fukui Perfecture High School Meeting (Fukui, JPN)													*(2016.06.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 28-May-16	time	2.73	3.88	4.99	6.10	7.20	8.31	9.44	10.57	11.73	12.90		14.18	5 / 1			
reaction time	interval		1.15	1.11	1.11	1.10	1.11	1.13	1.13	1.16	1.17	1.28			3.37	3.34	3.46

wind	1.1 m/s	velocity	4.76	7.39	7.66	7.66	7.73	7.66	7.52	7.52	7.33	7.26	8.20	7.05		7.57	7.63	7.37

Fujiwara, Rika (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Tokai Student Autumn Championships (Gifu, JPN)													*(2016.10.10) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 09-Oct-16	time	2.75	3.88	4.99	6.09	7.17	8.28	9.41	10.53	11.67	12.84		14.18	6 / 1			
reaction time	interval		1.13	1.11	1.10	1.08	1.11	1.13	1.12	1.14	1.17	1.34			3.34	3.32	3.43
wind 1.3 m/s	velocity	4.73	7.52	7.66	7.73	7.87	7.66	7.52	7.59	7.46	7.26	7.84	7.05		7.63	7.68	7.43

Fujimori, Shiori (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.72	3.92	5.05	6.16	7.28	8.40	9.52	10.63	11.78	12.94		14.18	7 / 3			
reaction time	interval		1.20	1.13	1.11	1.12	1.12	1.12	1.11	1.15	1.16	1.24			3.44	3.36	3.42
wind 1.7 m/s	velocity	4.78	7.08	7.52	7.66	7.59	7.59	7.59	7.66	7.39	7.33	8.47	7.05		7.41	7.59	7.46

Tanaka, Hikari (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17	time	2.75	3.87	4.99	6.11	7.23	8.34	9.47	10.61	11.75	12.92		14.18	3 / 8			
reaction time	interval		1.12	1.12	1.12	1.12	1.11	1.13	1.14	1.14	1.17	1.26			3.36	3.36	3.45
wind -0.6 m/s	velocity	4.73	7.59	7.59	7.59	7.59	7.66	7.52	7.46	7.46	7.26	8.33	7.05		7.59	7.59	7.39

Mouri, Hikari (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Kansai Regional University Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
date 11-May-17	time	2.78	3.91	5.02	6.12	7.20	8.32	9.43	10.56	11.71	12.88		14.18	3 / 6			
reaction time	interval		1.13	1.11	1.10	1.08	1.12	1.11	1.13	1.15	1.17	1.30			3.34	3.31	3.45
wind -1.2 m/s	velocity	4.68	7.52	7.66	7.73	7.87	7.59	7.66	7.52	7.39	7.26	8.08	7.05		7.63	7.70	7.39

Mossberg, Sofia (SWE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL 2 - 2017 Windsprint (Sundsvall, SWE)													*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time	2.74	3.84	4.95	6.04	7.12	8.22	9.33	10.46	11.59	12.74		14.18	/ 1			
reaction time	interval		1.10	1.11	1.09	1.08	1.10	1.11	1.13	1.13	1.15	1.44			3.30	3.29	3.41
wind 1.0 m/s	velocity	4.74	7.73	7.66	7.80	7.87	7.73	7.66	7.52	7.52	7.39	7.29	7.05		7.73	7.75	7.48

Nishimura, Kaho (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)													*Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-17	time	2.73	3.89	5.85	6.90	7.93	8.37	9.52	10.66	11.80	12.97		14.18	4 / 5			
reaction time 0.146	interval		1.16	1.96	1.05	1.03	0.44	1.15	1.14	1.14	1.17	1.21			4.17	2.62	3.45
wind -2.9 m/s	velocity	4.76	7.33	4.34	8.10	8.25	19.32	7.39	7.46	7.46	7.26	8.68	7.05		6.12	9.73	7.39

Li Jinyu (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.77	3.87	5.00	6.09	7.21	8.33	9.44	10.59	11.74	12.93		14.18	3 / 6			
reaction time 0.189	interval		1.10	1.13	1.09	1.12	1.12	1.11	1.15	1.15	1.19	1.25			3.32	3.35	3.49
wind -0.3 m/s	velocity	4.69	7.73	7.52	7.80	7.59	7.59	7.66	7.39	7.39	7.14	8.40	7.05		7.68	7.61	7.31

Liu Xinyu (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21	time	2.78	3.90	5.00	6.10	7.20	8.31	9.41	10.56	11.71	12.88		14.18	8 / 5			
reaction time 0.216	interval	7 steps	1.12	1.10	1.10	1.10	1.11	1.10	1.15	1.15	1.17	1.30			3.32	3.31	3.47
wind -0.3 m/s	velocity	4.68	7.59	7.73	7.73	7.73	7.66	7.73	7.39	7.39	7.26	7.73	7.05		7.68	7.70	7.35

Janíčková, Veronika (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.80	3.91	5.02	6.12	7.24	8.36	9.48	10.64	11.77	12.93		14.19	7 / 2			
reaction time 0.212	interval		1.11	1.11	1.10	1.12	1.12	1.12	1.16	1.13	1.16	1.26			3.32	3.36	3.45
wind -1.3 m/s	velocity	4.64	7.66	7.66	7.73	7.59	7.59	7.59	7.33	7.52	7.33	8.33	7.05		7.68	7.59	7.39

Muraoka, Kakehiro (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2016 Japanese National Youth Championships (Mizuho, JPN) (76cm)													*(2016.11.06) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.70	3.82	4.92	6.02	7.15	8.25	9.38	10.53	11.72	12.91		14.19	4 / 3			
reaction time	interval		1.12	1.10	1.10	1.13	1.10	1.13	1.15	1.19	1.19	1.28			3.32	3.36	3.53
wind 1.1 m/s	velocity	4.81	7.14	7.27	7.27	7.08	7.27	7.08	6.96	6.72	6.72	11.72	7.05		7.23	7.14	6.80

Fujiwara, Miku (JPN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Michitaka Memorial (Osaka, JPN)													*(2017) - tfdata-store.com/2017/05/08/post-413/*			
date 07-May-17	time	2.78	3.92	5.03	6.15	7.26	8.38	9.50	10.65	11.78	12.95		14.19	2 / 9			
reaction time	interval		1.14	1.11	1.12	1.11	1.12	1.12	1.15	1.13	1.17	1.24			3.37	3.35	3.45
wind -0.6 m/s	velocity	4.68	7.46	7.66	7.59	7.66	7.59	7.59	7.39	7.52	7.26	8.47	7.05		7.57	7.61	7.39

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)													*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
date 08-Jun-19	time	2.74	3.86	4.99	6.10	7.24	8.36	9.50	10.64	11.78	12.95		14.19	4 / 4			
reaction time	interval		1.12	1.13	1.11	1.14	1.12	1.14	1.14	1.14	1.17	1.24			3.36	3.40	3.45
wind 2.3 m/s	velocity	4.74	7.59	7.52	7.66	7.46	7.59	7.46	7.46	7.46	7.26	8.47	7.05		7.59	7.50	7.39

Voronina, Yekaterina (UZB) (1992)

Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis) — *Henson (2024) - Athlete First: 2021 year end hurdle report*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Aug-21	time	2.86	3.99	5.11	6.22	7.31	8.44	9.55	10.71	11.82			14.19	9 / 7			
reaction time	0.179	interval		1.13	1.12	1.11	1.09	1.13	1.11	1.16	1.11			PB		3.36	3.33	
wind	0.2 m/s	velocity	4.55	7.52	7.59	7.66	7.80	7.52	7.66	7.33	7.66			7.05		7.59	7.66	

Ligarska, Paulina (POL) (1996)

Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) — *Henson (2024) - Athlete First: 2022 year end hurdle report*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	17-Jul-22	time	2.78	3.90	5.00	6.10	7.20	8.30	9.42	10.58	11.76	12.94		14.19	7 / 7			
reaction time	0.140	interval	7 steps	1.12	1.10	1.10	1.10	1.10	1.12	1.16	1.18	1.18	1.25			3.32	3.32	3.52
wind	1.4 m/s	velocity	4.68	7.59	7.73	7.73	7.73	7.73	7.59	7.33	7.20	7.20	8.04	7.05		7.68	7.68	7.24

Oikawa, Riko (JPN) (2005)

FiNAL - 2023 Japanese National High School Championsips (Sapporo, JPN) — *Takashima (2023) - national high school sports festival - biomechanics data*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	06-Aug-23	time	2.78	3.85	5.03	6.19	7.32	8.44	9.55	10.66	11.79	12.91		14.19	5 / 8			
reaction time	0.234	interval		1.07	1.18	1.16	1.13	1.12	1.11	1.11	1.13	1.12	1.28			3.41	3.36	3.36
wind	0.8 m/s	velocity	4.68	7.94	7.20	7.33	7.52	7.59	7.66	7.66	7.52	7.59	7.85	7.05		7.48	7.59	7.59

Broom, Kimyon (USA) (1988)

FINAL - 2005 USATF National Junior Championships (Carson, CA) — *USATF Women's Sprint Development (2005)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-Jun-05	time	2.70	3.92	4.96	6.12	7.22	8.33	9.44	10.58	11.70	12.84		14.20	7 / 6			
reaction time		interval		1.22	1.04	1.16	1.10	1.11	1.11	1.14	1.12	1.14	1.36			3.42	3.32	3.40
wind	-0.7 m/s	velocity	4.81	6.97	8.17	7.33	7.73	7.66	7.66	7.46	7.59	7.46	7.72	7.04		7.46	7.68	7.50

Sakaguchi, Risako (JPN) (1996)

FINAL - 2017 Kansai Regional University Championships (Osaka, JPN) — *(2017) - tfdata-store.com/2017/05/13/post-441/*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	11-May-17	time	2.82	3.94	5.05	6.16	7.28	8.39	9.51	10.64	11.77	12.94		14.20	2 / 7			
reaction time		interval		1.12	1.11	1.11	1.12	1.11	1.12	1.13	1.13	1.17	1.26			3.34	3.35	3.43
wind	-1.2 m/s	velocity	4.61	7.59	7.66	7.66	7.59	7.66	7.59	7.52	7.52	7.26	8.33	7.04		7.63	7.61	7.43

Yin Xiaoxia (CHN) (2000)

U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Aug-19	time	2.75	3.89	4.99	6.12	7.26	8.38	9.53	10.66	11.83	12.98		14.20	7 / 4			
reaction time	0.152	interval		1.14	1.10	1.13	1.14	1.12	1.15	1.13	1.17	1.15	1.22			3.37	3.41	3.45
wind	-0.2 m/s	velocity	4.73	7.46	7.73	7.52	7.46	7.59	7.39	7.52	7.26	7.39	8.61	7.04		7.57	7.48	7.39

He Jiamin (CHN) (2001)

U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Aug-19	time	2.74	3.87	5.00	6.12	7.23	8.34	9.47	10.58	11.74	12.93		14.20	6 / 3			
reaction time	0.190	interval		1.13	1.13	1.12	1.11	1.11	1.13	1.11	1.16	1.19	1.27	PB		3.38	3.35	3.46
wind	0.0 m/s	velocity	4.74	7.52	7.52	7.59	7.66	7.66	7.52	7.66	7.33	7.14	8.27	7.04		7.54	7.61	7.37

Han Zhirou (CHN) (2002)

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Aug-19	time	2.73	3.82	4.92	6.01	7.11	8.24	9.35	10.50	11.68	12.86		14.20	5 / 2			
reaction time	0.174	interval		1.09	1.10	1.09	1.10	1.13	1.11	1.15	1.18	1.18	1.34			3.28	3.34	3.51
wind	0.0 m/s	velocity	4.76	7.80	7.73	7.80	7.73	7.52	7.66	7.39	7.20	7.20	7.84	7.04		7.77	7.63	7.26

Tanaka, Hikari (JPN) (1998)

Open FINAL - 2017 Michitaka Memorial (Osaka, JPN) — *(2017) - tfdata-store.com/2017/05/08/post-413/*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-May-17	time	2.76	3.89	5.01	6.13	7.25	8.36	9.49	10.64	11.78	12.94		14.21	7 / 7			
reaction time		interval		1.13	1.12	1.12	1.12	1.11	1.13	1.15	1.14	1.16	1.27			3.37	3.36	3.45
wind	-0.2 m/s	velocity	4.71	7.52	7.59	7.59	7.59	7.66	7.52	7.39	7.46	7.33	8.27	7.04		7.57	7.59	7.39

Yao Hui (CHN) (2000)

Heat 4 - 2019 Chinese National Grand Prix 2 (Huangshi, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Apr-19	time	2.70	3.82	4.92	6.02	7.12	8.24	9.36	10.52	11.69	12.87		14.21	4 / 3			
reaction time	0.224	interval		1.12	1.10	1.10	1.10	1.12	1.12	1.16	1.17	1.18	1.34			3.32	3.34	3.51
wind	0.1 m/s	velocity	4.81	7.59	7.73	7.73	7.73	7.59	7.59	7.33	7.26	7.20	7.84	7.04		7.68	7.63	7.26

Chen Yinfeng (CHN) (1998)

FINAL - 2019 Chinese National Grand Prix 3 (Jinhau, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-May-19	time	2.80	3.94	5.04	6.12	7.22	8.32	9.42	10.56	11.70	12.88		14.21	2 / 8			
reaction time	0.264	interval		1.14	1.10	1.08	1.10	1.10	1.10	1.14	1.14	1.18	1.33			3.32	3.30	3.46
wind	0.4 m/s	velocity	4.64	7.46	7.73	7.87	7.73	7.73	7.73	7.46	7.46	7.20	7.89	7.04		7.68	7.73	7.37

Jie Zhimao (CHN) (1998)

Heat 3 - 2019 Chinese National Championships (Shenyang, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Jul-19	time	2.76	3.92	5.04	6.11	7.24	8.34	9.46	10.60	11.77	12.94		14.21	7 / 5			
reaction time	0.163	interval		1.16	1.12	1.07	1.13	1.10	1.12	1.14	1.17	1.17	1.27			3.35	3.35	3.48
wind	1.3 m/s	velocity	4.71	7.33	7.59	7.94	7.52	7.73	7.59	7.46	7.26	7.26	8.27	7.04		7.61	7.61	7.33

Kokkonen, Tanja (FIN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Motonet GP (Jyräskylä, FIN) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 08-Jul-20	time	2.70	3.83	4.96	6.06	7.16	8.26	9.36	10.50	11.66	12.86		14.21	1 / 7			
reaction time	interval		1.13	1.13	1.10	1.10	1.10	1.10	1.14	1.16	1.20	1.35			3.36	3.30	3.50
wind 0.7 m/s	velocity	4.81	7.52	7.52	7.73	7.73	7.73	7.73	7.46	7.33	7.08	7.44	7.04		7.59	7.73	7.29

Asagi, Tsukiha (JPN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FiNAL - 2021 Japanese U20 National Championships (Osaka, JPN)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date 26-Jun-21	time	2.72	3.82	4.93	6.05	7.17	8.31	9.43	10.58	11.73	12.90		14.21	3 / 7			
reaction time 0.148	interval		1.10	1.11	1.12	1.12	1.14	1.12	1.15	1.15	1.17	1.31			3.33	3.38	3.47
wind 0.2 m/s	velocity	4.78	7.73	7.66	7.59	7.59	7.46	7.59	7.39	7.39	7.26	7.67	7.04		7.66	7.54	7.35

Lagger, Sarah (AUT) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23	time	2.85	3.96	5.10	6.20	7.28	8.40	9.52	10.67	11.83	12.96		14.21	6 / 5			
reaction time 0.243	interval		1.11	1.14	1.10	1.08	1.12	1.12	1.15	1.16	1.13	1.25			3.35	3.32	3.44
wind -1.1 m/s	velocity	4.56	7.66	7.46	7.73	7.87	7.59	7.59	7.39	7.33	7.52	8.04	7.04		7.61	7.68	7.41

Ukiya, Saito (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Gunma Perfecture High School Championships (Gunma, JPN)													*(2016.10.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 24-Sep-16	time	2.70	3.85	4.97	6.09	7.20	8.31	9.46	10.61	11.76	12.94		14.22	5 / 1			
reaction time	interval		1.15	1.12	1.12	1.11	1.11	1.15	1.15	1.15	1.18	1.28			3.39	3.37	3.48
wind -0.3 m/s	velocity	4.81	7.39	7.59	7.59	7.66	7.66	7.39	7.39	7.39	7.20	8.20	7.03		7.52	7.57	7.33

Sasaki, Ten (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2017 Mito Invitational (Mito, JPN)													*(2017) - tfdata-store.com/2017/05/06/post-423/*			
date 05-May-17	time	2.70	3.81	4.90	6.01	7.11	8.22	9.36	10.49	11.70	12.87		14.22	7 / 2			
reaction time	interval		1.11	1.09	1.11	1.10	1.11	1.14	1.13	1.21	1.17	1.35			3.31	3.35	3.51
wind -2.7 m/s	velocity	4.81	7.66	7.80	7.66	7.73	7.66	7.46	7.52	7.02	7.26	7.78	7.03		7.70	7.61	7.26

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 2 (Huangshi, CHN)													*CAA Hurdle Development (2019)*			
date 13-Apr-19	time	2.73	3.84	4.93	6.01	7.11	8.22	9.36	10.50	11.68	12.87		14.22	8 / 8			
reaction time 0.186	interval		1.11	1.09	1.08	1.10	1.11	1.14	1.14	1.18	1.19	1.35			3.28	3.35	3.51
wind 0.3 m/s	velocity	4.76	7.66	7.80	7.87	7.73	7.66	7.46	7.46	7.20	7.14	7.78	7.03		7.77	7.61	7.26

Chen Mengqiao (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)													*Shandong Athletics Sport Science (2023)*			
date 03-Jun-23	time	2.76	3.89	4.99	6.12	7.21	8.31	9.43	10.56	11.71	12.93		14.22	1 / 8			
reaction time 0.211	interval		1.13	1.10	1.13	1.09	1.10	1.12	1.13	1.15	1.22	1.29	**PB**		3.36	3.31	3.50
wind 0.3 m/s	velocity	4.71	7.52	7.73	7.52	7.80	7.73	7.59	7.52	7.39	6.97	7.79	7.03		7.59	7.70	7.29

Jimoh, Fummilayo (USA) (1984)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.65	3.79	4.94	6.06	7.12	8.22	9.37	10.49	11.65	12.85		14.23	1 / 8			
reaction time	interval		1.14	1.15	1.12	1.06	1.10	1.15	1.12	1.16	1.20	1.38			3.41	3.31	3.48
wind 2.3 m/s	velocity	4.91	7.46	7.39	7.59	8.02	7.73	7.39	7.59	7.33	7.08	7.61	7.03		7.48	7.70	7.33

Tarasova, Yuliya (UZB) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.85	3.98	5.08	6.20	7.30	8.41	9.54	10.69	11.84	13.02		14.23	8 / 7			
reaction time 0.233	interval		1.13	1.10	1.12	1.10	1.11	1.13	1.15	1.15	1.18	1.21			3.35	3.34	3.48
wind -0.2 m/s	velocity	4.56	7.52	7.73	7.59	7.73	7.66	7.52	7.39	7.39	7.20	8.68	7.03		7.61	7.63	7.33

Kobayashi, Ayumi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)													*Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data*			
date 02-Aug-17	time	2.78	3.91	5.04	6.16	7.27	8.38	9.50	10.66	11.82	12.99		14.23	5 / 6			
reaction time 0.174	interval		1.13	1.13	1.12	1.11	1.11	1.12	1.16	1.16	1.17	1.24			3.38	3.34	3.49
wind -2.9 m/s	velocity	4.68	7.52	7.52	7.59	7.66	7.66	7.59	7.33	7.33	7.26	8.47	7.03		7.54	7.63	7.31

Dvoráková, Katerina (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.84	3.97	5.08	6.18	7.30	8.40	9.52	10.66	11.80	12.98		14.24	4 / 4			
reaction time 0.168	interval		1.13	1.11	1.10	1.12	1.10	1.12	1.14	1.14	1.18	1.26			3.34	3.34	3.46
wind -3.6 m/s	velocity	4.58	7.52	7.66	7.73	7.59	7.73	7.59	7.46	7.46	7.20	8.33	7.02		7.63	7.63	7.37

Shunji, Natsuki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2016 Japanese National Junior Championships (Mizuho, JPN)													*(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 21-Oct-16	time	2.79	3.90	5.01	6.12	7.22	8.36	9.48	10.64	11.80	12.96		14.24	3 / 1			
reaction time	interval		1.11	1.11	1.11	1.10	1.14	1.12	1.16	1.16	1.16	1.28			3.33	3.36	3.48
wind 0.9 m/s	velocity	4.66	7.66	7.66	7.66	7.73	7.46	7.59	7.33	7.33	7.33	8.20	7.02		7.66	7.59	7.33

Nagasaki, Sayuri (JPN) (2001)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 B - 2016 Japanese Junior Olympics (Yokohama, JPN) (76cm) *(2016.10.27) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	28-Oct-16	time	2.76	3.89	5.02	6.13	7.24	8.36	9.50	10.63	11.77	12.93		14.24	4 / 1			
reaction time		interval		1.13	1.13	1.11	1.11	1.12	1.14	1.13	1.14	1.16	1.31			3.37	3.37	3.43
wind	-2.2 m/s	velocity	4.71	7.52	7.52	7.66	7.66	7.59	7.46	7.52	7.46	7.33	8.02	7.02		7.57	7.57	7.43

Qin Hongyan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Yangtze River Delta Athletics Meeting (Shaoxing, CHN) *CAA Hurdle Development (2021)*

date	08-Apr-21	time	2.76	3.88	5.00	6.14	7.24	8.38	9.50	10.64	11.78	12.94		14.24	1 / 7			
reaction time		interval		1.12	1.12	1.14	1.10	1.14	1.12	1.14	1.14	1.16	1.30			3.38	3.36	3.44
wind	-0.1 m/s	velocity	4.71	7.59	7.59	7.46	7.73	7.46	7.59	7.46	7.46	7.33	7.73	7.02		7.54	7.59	7.41

Juhász, Fanni (HUN) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2012 Windsprint (Sundsvall, SWE) *Blomkvist (2012) - www.sub13.se*

date	17-Jun-12	time	2.77	3.90	4.98	6.07	7.16	8.27	9.40	10.55	11.72	12.91		14.25	/ 5			
reaction time		interval		1.13	1.08	1.09	1.09	1.11	1.13	1.15	1.17	1.19	1.34			3.30	3.33	3.51
wind	0.8 m/s	velocity	4.69	7.52	7.87	7.80	7.80	7.66	7.52	7.39	7.26	7.14	7.84	7.02		7.73	7.66	7.26

Kato, Saaya (JPN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

date	02-Aug-15	time	2.72	3.84	4.97	6.10	7.21	8.35	9.48	10.62	11.78	12.95		14.25	2 / 9			
reaction time		interval		1.12	1.13	1.13	1.11	1.14	1.13	1.14	1.16	1.17	1.30			3.38	3.38	3.47
wind	0.9 m/s	velocity	4.78	7.59	7.52	7.52	7.66	7.46	7.52	7.46	7.33	7.26	8.08	7.02		7.54	7.54	7.35

Shing Cho Yan (HKG) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.67	3.81	4.91	6.00	7.09	8.21	9.33	10.49	11.66	12.89		14.25	6 / 2			
reaction time	0.135	interval		1.14	1.10	1.09	1.09	1.12	1.12	1.16	1.17	1.23	1.36	PB		3.33	3.33	3.56
wind	0.5 m/s	velocity	4.87	7.46	7.73	7.80	7.80	7.59	7.59	7.33	7.26	6.91	7.72	7.02		7.66	7.66	7.16

Magnusson, Emma (SWE) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2010 Swedish National Championships (Falun, SWE) *Blomkvist (2010) - www.sub13.se*

date	22-Aug-10	time	2.87	3.99	5.09	6.19	7.27	8.36	9.48	10.59	11.73	12.94		14.26	/ 4			
reaction time		interval		1.12	1.10	1.10	1.08	1.09	1.12	1.11	1.14	1.21	1.32			3.32	3.29	3.46
wind	-0.2 m/s	velocity	4.53	7.59	7.73	7.73	7.87	7.80	7.59	7.66	7.46	7.02	7.95	7.01		7.68	7.75	7.37

Ren Shimei (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.81	3.94	5.08	6.22	7.34	8.48	9.61	10.73	11.86	13.02		14.25	2 / 7			
reaction time	0.229	interval		1.13	1.14	1.14	1.12	1.14	1.13	1.12	1.13	1.16	1.23			3.41	3.39	3.41
wind	0.1 m/s	velocity	4.63	7.52	7.46	7.46	7.59	7.46	7.52	7.59	7.52	7.33	8.17	7.02		7.48	7.52	7.48

Ono, Yui (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Kanto Area High School Championships (Tokyo, JPN) *(2016.06.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	17-Jun-16	time	2.74	3.84	4.98	6.10	7.23	8.37	9.52	10.65	11.81	13.00		14.26	5 / 1			
reaction time		interval		1.10	1.14	1.12	1.13	1.14	1.15	1.13	1.16	1.19	1.26			3.36	3.42	3.48
wind	-1.5 m/s	velocity	4.74	7.73	7.46	7.59	7.52	7.46	7.39	7.52	7.33	7.14	8.33	7.01		7.59	7.46	7.33

Uenosono, Yuiko (JPN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FNAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*

date	02-Aug-18	time	2.72	3.85	4.95	6.06	7.20	8.33	9.46	10.59	11.78	12.95		14.26	9 / 8			
reaction time		interval		1.13	1.10	1.11	1.14	1.13	1.13	1.13	1.19	1.17	1.31			3.34	3.40	3.49
wind	-0.3 m/s	velocity	4.78	7.52	7.73	7.66	7.46	7.52	7.52	7.52	7.14	7.26	8.02	7.01		7.63	7.50	7.31

Chen Yuyang (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.84	3.97	5.09	6.20	7.30	8.42	9.54	10.66	11.78	12.94		14.26	1 / 8			
reaction time	0.253	interval		1.13	1.12	1.11	1.10	1.12	1.12	1.12	1.12	1.16	1.32			3.36	3.34	3.40
wind	0.1 m/s	velocity	4.58	7.52	7.59	7.66	7.73	7.59	7.59	7.59	7.59	7.33	7.61	7.01		7.59	7.63	7.50

Yamasaki, Yuki (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Takefu (2023) - performance analysis of heptathletes in the 2022 season*

date	30-Apr-22	time	2.78	3.91	5.03	6.13	7.23	8.35	9.48	10.63	11.80	12.99		14.26	6 / =2			
reaction time	0.167	interval		1.13	1.12	1.10	1.10	1.12	1.13	1.15	1.17	1.19	1.27			3.35	3.35	3.51
wind	1.0 m/s	velocity	4.68	7.52	7.59	7.73	7.73	7.59	7.52	7.39	7.26	7.14	7.91	7.01		7.61	7.61	7.26

Woods, Shana (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2005 USATF National Junior Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

date	23-Jun-05	time	2.80	3.92	5.07	6.19	7.31	8.44	9.58	10.73	11.88	13.03		14.27	3 / 7			
reaction time		interval		1.12	1.15	1.12	1.12	1.13	1.14	1.15	1.15	1.15	1.24			3.39	3.39	3.45
wind	-0.7 m/s	velocity	4.64	7.59	7.39	7.59	7.59	7.52	7.46	7.39	7.39	7.39	8.47	7.01		7.52	7.52	7.39

Takahashi, Makato (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Kanto Area High School Championships (Tokyo, JPN) *(2016.06.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	17-Jun-16	time	2.79	3.92	5.11	6.24	7.36	8.48	9.63	10.77	11.88	13.04		14.27	3 / 1			
reaction time		interval		1.13	1.19	1.13	1.12	1.12	1.15	1.14	1.11	1.16	1.23			3.45	3.39	3.41
wind	-1.5 m/s	velocity	4.66	7.52	7.14	7.52	7.59	7.59	7.39	7.46	7.66	7.33	8.54	7.01		7.39	7.52	7.48

Matsuo, Mika (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Kansai Regional University Championships (Osaka, JPN) *(2017) - tfdata-store.com/2017/05/13/post-441/*

date	11-May-17	time	2.73	3.84	4.97	6.09	7.23	8.36	9.47	10.60	11.74	12.95		14.27	5 / 8			
reaction time		interval		1.11	1.13	1.12	1.14	1.13	1.11	1.13	1.14	1.21	1.32			3.36	3.38	3.48
wind	-1.2 m/s	velocity	4.76	7.66	7.52	7.59	7.46	7.52	7.66	7.52	7.46	7.02	7.95	7.01		7.59	7.54	7.33

Piffaretti, Emma (SUI) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2020 year end hurdle report*

date	15-Sep-20	time	2.72	3.84	4.96	6.08	7.18	8.32	9.48	10.64	11.80	12.98		14.27	1 / 8			
reaction time		interval	7 steps	1.12	1.12	1.12	1.10	1.14	1.16	1.16	1.16	1.18	1.29			3.36	3.40	3.50
wind	0.0 m/s	velocity	4.78	7.59	7.59	7.59	7.73	7.46	7.33	7.33	7.33	7.20	7.79	7.01		7.59	7.50	7.29

Janíčková, Veronika (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	2.79	3.94	5.07	6.18	7.31	8.42	9.54	10.68	11.84	13.01		14.28	3 / 5			
reaction time	0.186	interval		1.15	1.13	1.11	1.13	1.11	1.12	1.14	1.16	1.17	1.27			3.39	3.36	3.47
wind	-3.6 m/s	velocity	4.66	7.39	7.52	7.66	7.52	7.66	7.59	7.46	7.33	7.26	8.27	7.00		7.52	7.59	7.35

Fujiwara, Rui (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 5 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.78	3.89	4.99	6.10	7.21	8.33	9.46	10.62	11.78	12.97		14.28	2 / 2			
reaction time		interval		1.11	1.10	1.11	1.11	1.12	1.13	1.16	1.16	1.19	1.31			3.32	3.36	3.51
wind	0.9 m/s	velocity	4.68	7.66	7.73	7.66	7.66	7.59	7.52	7.33	7.33	7.14	8.02	7.00		7.68	7.59	7.26

Yin Xiaoxia (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN) *CAA Hurdle Development (2021)*

date	19-May-21	time	2.78	3.90	5.00	6.12	7.24	8.38	9.49	10.63	11.81	12.99		14.28	5 / 5			
reaction time	0.216	interval		1.12	1.10	1.12	1.12	1.14	1.11	1.14	1.18	1.18	1.29			3.34	3.37	3.50
wind	0.2 m/s	velocity	4.68	7.59	7.73	7.59	7.59	7.46	7.66	7.46	7.20	7.20	7.79	7.00		7.63	7.57	7.29

Clopes, Imma (ESP) (1968)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1998 Spanish National Championships (San Sebastián, ESP) *Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*

date	01-Aug-98	time	2.61	3.69	4.79	5.92	7.01	8.15	9.25	10.42	11.60	12.81		14.29	2 / 6			
reaction time		interval		1.08	1.10	1.13	1.09	1.14	1.10	1.17	1.18	1.21	1.48			3.31	3.33	3.56
wind	0.0 m/s	velocity	4.98	7.87	7.73	7.52	7.80	7.46	7.73	7.26	7.20	7.02	7.09	7.00		7.70	7.66	7.16

Hlavatá, Karolina (CZE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE) *Feher (2014) - Final report from the Czech Republic national championships*

date	02-Aug-14	time	2.82	3.95	5.09	6.22	7.35	8.47	9.59	10.71	11.88	13.07		14.29	5 / 3			
reaction time	0.148	interval		1.13	1.14	1.13	1.13	1.12	1.12	1.12	1.17	1.19	1.22			3.40	3.37	3.48
wind	-1.0 m/s	velocity	4.61	7.52	7.46	7.52	7.52	7.59	7.59	7.59	7.26	7.14	8.61	7.00		7.50	7.57	7.33

Ozaki, Saki (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2016 Japanese National Junior Championships (Mizuho, JPN) *(2016.11.01) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Oct-16	time	2.79	3.93	5.05	6.16	7.26	8.39	9.52	10.64	11.79	12.98		14.29	2 / 3			
reaction time		interval		1.14	1.12	1.11	1.10	1.13	1.13	1.12	1.15	1.19	1.31			3.37	3.36	3.46
wind	1.5 m/s	velocity	4.66	7.46	7.59	7.66	7.73	7.52	7.52	7.59	7.39	7.14	8.02	7.00		7.57	7.59	7.37

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	02-Aug-19	time	2.70	3.87	5.02	6.14	7.27	8.39	9.54	10.68	11.84	13.01		14.29	7 / 7			
reaction time	0.185	interval		1.17	1.15	1.12	1.13	1.12	1.15	1.14	1.16	1.17	1.28			3.44	3.40	3.47
wind	0.2 m/s	velocity	4.81	7.26	7.39	7.59	7.52	7.59	7.39	7.46	7.33	7.26	8.20	7.00		7.41	7.50	7.35

Liu Xinyu (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2021 East China District Meeting (Zhaoqing, CHN) *CAA Hurdle Development (2021)*

date	24-Apr-21	time	2.82	3.94	5.05	6.13	7.26	8.36	9.49	10.64	11.81	13.00		14.29	5 / 5			
reaction time	0.277	interval	7 steps	1.12	1.11	1.08	1.13	1.10	1.13	1.15	1.17	1.19	1.29	PB		3.31	3.36	3.51
wind	0.5 m/s	velocity	4.61	7.59	7.66	7.87	7.52	7.73	7.52	7.39	7.26	7.14	7.79	7.00		7.70	7.59	7.26

Mamona, Patrícia (POR) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Race 1 - 2011 European Team Championships (Stockholm, SWE) *Blomkvist (2011) - www.sub13.se*

date	19-Jun-11	time	2.74	3.80	4.88	6.00	7.08	8.20	9.30	10.42	11.56	12.80		14.30	/ 6			
reaction time	0.196	interval		1.06	1.08	1.12	1.08	1.12	1.10	1.12	1.14	1.24	1.50			3.26	3.30	3.50
wind	-1.0 m/s	velocity	4.74	8.02	7.87	7.59	7.87	7.59	7.73	7.59	7.46	6.85	7.00	6.99		7.82	7.73	7.29

Williams, Camee (USA) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 USATF National Junior Championships (Delaware, OH) *USATF Women's Sprint Development (1996)*

date	29-Jun-96	time	2.57	3.73	4.83	5.91	7.02	8.14	9.29	10.46	11.63	12.80		14.31	8 / 5			

reaction time		interval		1.16	1.10	1.08	1.11	1.12	1.15	1.17	1.17	1.17	1.51			3.34	3.38	3.51
wind	-2.5 m/s	velocity	5.06	7.33	7.73	7.87	7.66	7.59	7.39	7.26	7.26	7.26	6.95	6.99		7.63	7.54	7.26

Skogström, Charlotte (SWE) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Windsprint (Sundsvall, SWE)													*Blomkvist (2012) - www.sub13.se*			
date 17-Jun-12	time	2.91	4.06	5.15	6.23	7.32	8.43	9.57	10.71	11.85	13.00		14.31	/ 6			
reaction time	interval		1.15	1.09	1.08	1.09	1.11	1.14	1.14	1.14	1.15	1.31			3.32	3.34	3.43
wind 0.8 m/s	velocity	4.47	7.39	7.80	7.87	7.80	7.66	7.46	7.46	7.46	7.39	8.02	6.99		7.68	7.63	7.43

Komrsková, Aneta (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.18	3.94	5.08	6.20	7.32	8.42	9.55	10.69	11.81	12.98		14.31	3 / 4			
reaction time 0.188	interval		1.76	1.14	1.12	1.12	1.10	1.13	1.14	1.12	1.17	1.33			4.02	3.35	3.43
wind -0.9 m/s	velocity	5.96	4.83	7.46	7.59	7.59	7.73	7.52	7.46	7.59	7.26	7.89	6.99		6.34	7.61	7.43

Zekuciová, Anna (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.75	3.87	4.98	6.10	7.21	8.35	9.48	10.63	11.79	12.98		14.31	4 / 1			
reaction time 0.161	interval		1.12	1.11	1.12	1.11	1.14	1.13	1.15	1.16	1.19	1.33			3.35	3.38	3.50
wind -3.9 m/s	velocity	4.73	7.59	7.66	7.59	7.66	7.46	7.52	7.39	7.33	7.14	7.89	6.99		7.61	7.54	7.29

Takada, Momoka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-18	time	2.72	3.83	4.95	6.07	7.20	8.33	9.48	10.63	11.82	13.02		14.31	4 / 2			
reaction time	interval		1.11	1.12	1.12	1.13	1.13	1.15	1.15	1.19	1.20	1.29			3.35	3.41	3.54
wind 1.2 m/s	velocity	4.78	7.66	7.59	7.59	7.52	7.52	7.39	7.39	7.14	7.08	7.79	6.99		7.61	7.48	7.20

Wei Yuhui (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21	time	2.77	3.90	5.02	6.12	7.22	8.33	9.44	10.58	11.74	12.96		14.31	8 / 5			
reaction time 0.167	interval		1.13	1.12	1.10	1.10	1.11	1.11	1.14	1.16	1.22	1.35			3.35	3.32	3.52
wind -0.3 m/s	velocity	4.69	7.52	7.59	7.73	7.73	7.66	7.66	7.46	7.33	6.97	7.44	6.99		7.61	7.68	7.24

Ligarska, Paulina (POL) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)													*Henson (2024) - Athlete First: 2023 year end hurdle report*			
date 19-Aug-23	time	2.84	3.95	5.08	6.17	7.28	8.40	9.52	10.67	11.85	13.04		14.31	5 / 6			
reaction time 0.184	interval 7 steps		1.11	1.13	1.09	1.11	1.12	1.12	1.15	1.18	1.19	1.27			3.33	3.35	3.52
wind -1.1 m/s	velocity	4.58	7.66	7.52	7.80	7.66	7.59	7.59	7.39	7.20	7.14	7.91	6.99		7.66	7.61	7.24

Sääw, Ellen (SWE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10	time	2.82	3.95	5.06	6.16	7.25	8.34	9.48	10.63	11.81	12.99		14.32	/ 5			
reaction time	interval		1.13	1.11	1.10	1.09	1.09	1.14	1.15	1.18	1.18	1.33	PB		3.34	3.32	3.51
wind -0.2 m/s	velocity	4.61	7.52	7.66	7.73	7.80	7.80	7.46	7.39	7.20	7.20	7.89	6.98		7.63	7.68	7.26

Zekuciová, Anna (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.76	3.88	4.98	6.09	7.21	8.35	9.48	10.65	11.81	13.10		14.32	4 / 1			
reaction time 0.162	interval		1.12	1.10	1.11	1.12	1.14	1.13	1.17	1.16	1.29	1.22			3.33	3.39	3.62
wind -4.5 m/s	velocity	4.71	7.59	7.73	7.66	7.59	7.46	7.52	7.26	7.33	6.59	8.61	6.98		7.66	7.52	7.04

Mossberg, Sofia (SWE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Windsprint (Sundsvall, SWE)													*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time	2.82	3.96	5.07	6.17	7.26	8.37	9.48	10.61	11.76	12.91		14.32	/ 1			
reaction time	interval		1.14	1.11	1.10	1.09	1.11	1.11	1.13	1.15	1.15	1.41			3.35	3.31	3.43
wind 0.8 m/s	velocity	4.61	7.46	7.66	7.73	7.80	7.66	7.66	7.52	7.39	7.39	7.45	6.98		7.61	7.70	7.43

Skogström, Malin (SWE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) (TV Analysis)													*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date 23-Aug-20	time	2.73	3.87	5.00	6.17	7.23	8.37	9.47	10.63	11.83	13.00		14.32	1 / 8			
reaction time 0.144	interval		1.14	1.13	1.17	1.06	1.14	1.10	1.16	1.20	1.17	1.32			3.44	3.30	3.53
wind 1.4 m/s	velocity	4.76	7.46	7.52	7.26	8.02	7.46	7.73	7.33	7.08	7.26	7.61	6.98		7.41	7.73	7.22

Chen Yuyang (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21	time	2.77	3.90	5.04	6.17	7.27	8.38	9.52	10.68	11.84	13.00		14.32	6 / 5			
reaction time 0.189	interval		1.13	1.14	1.13	1.10	1.11	1.14	1.16	1.16	1.16	1.32			3.40	3.35	3.48
wind -1.8 m/s	velocity	4.69	7.52	7.46	7.52	7.73	7.66	7.46	7.33	7.33	7.33	7.61	6.98		7.50	7.61	7.33

Chen Zhifei (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.75	3.89	4.99	6.10	7.22	8.32	9.46	10.61	11.78	13.01		14.33	5 / 3			
reaction time 0.163	interval		1.14	1.10	1.11	1.12	1.10	1.14	1.15	1.17	1.23	1.32	PB		3.35	3.36	3.55

wind	0.5 m/s	velocity	4.73	7.46	7.73	7.66	7.59	7.73	7.46	7.39	7.26	6.91	7.95	6.98		7.61	7.59	7.18

He Jiamin (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.74	3.89	5.00	6.13	7.24	8.39	9.53	10.67	11.83	13.00		14.33	2 / 6			
reaction time 0.164	interval		1.15	1.11	1.13	1.11	1.15	1.14	1.14	1.16	1.17	1.33			3.39	3.40	3.47
wind -0.1 m/s	velocity	4.74	7.39	7.66	7.52	7.66	7.39	7.46	7.46	7.33	7.26	7.89	6.98		7.52	7.50	7.35

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis)													*Henson (2020) - Athlete First: 2017 year end hurdle report*			
date 05-May-17	time	2.54	3.64	4.72	5.92	7.08	8.26	9.42	10.54				14.34	4 / 8			
reaction time 0.143	interval		1.10	1.08	1.20	1.16	1.18	1.16	1.12						3.38	3.50	
wind -2.3 m/s	velocity	5.12	7.73	7.87	7.08	7.33	7.20	7.33	7.59				6.97		7.54	7.29	

Hao Ling (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN)													*Henson (2018) - coaching observations*			
date 15-Sep-18	time	2.80	3.94	5.02	6.10	7.19	8.31	9.43	10.58	11.76	12.98		14.34	3 / 7			
reaction time	interval		1.14	1.08	1.08	1.09	1.12	1.12	1.15	1.18	1.22	1.36			3.30	3.33	3.55
wind -0.6 m/s	velocity	4.64	7.46	7.87	7.87	7.80	7.59	7.59	7.39	7.20	6.97	7.72	6.97		7.73	7.66	7.18

Ge Ge (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.78	3.91	5.00	6.10	7.20	8.33	9.46	10.62	11.78	13.00		14.34	5 / 5			
reaction time 0.211	interval		1.13	1.09	1.10	1.10	1.13	1.13	1.16	1.16	1.22	1.34			3.32	3.36	3.54
wind 0.7 m/s	velocity	4.68	7.52	7.80	7.73	7.73	7.52	7.52	7.33	7.33	6.97	7.84	6.97		7.68	7.59	7.20

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.76	3.95	5.04	6.14	7.26	8.40	9.54	10.70	11.86	13.04		14.34	4 / 6			
reaction time 0.250	interval		1.19	1.09	1.10	1.12	1.14	1.14	1.16	1.16	1.18	1.30			3.38	3.40	3.50
wind 1.3 m/s	velocity	4.71	7.14	7.80	7.73	7.59	7.46	7.46	7.33	7.33	7.20	8.08	6.97		7.54	7.50	7.29

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.82	3.92	5.05	6.17	7.29	8.42	9.54	10.69	11.84	13.01		14.34	7 / 7			
reaction time 0.172	interval		1.10	1.13	1.12	1.12	1.13	1.12	1.15	1.15	1.17	1.33			3.35	3.37	3.47
wind -0.3 m/s	velocity	4.61	7.73	7.52	7.59	7.59	7.52	7.59	7.39	7.39	7.26	7.89	6.97		7.61	7.57	7.35

Masuda, Ayana (JPN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date 08-Aug-19	time	2.68	3.81	4.91	6.01	7.12	8.25	9.42	10.59	11.79	13.02		14.34	2 / 4			
reaction time	interval		1.13	1.10	1.10	1.11	1.13	1.17	1.17	1.20	1.23	1.32			3.33	3.41	3.60
wind -4.1 m/s	velocity	4.85	7.52	7.73	7.73	7.66	7.52	7.26	7.26	7.08	6.91	7.95	6.97		7.66	7.48	7.08

Samuelsson, Jessica (SWE) (1985)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10	time	2.78	3.89	5.04	6.14	7.25	8.40	9.56	10.72	11.90	13.11		14.35	/ 6			
reaction time	interval		1.11	1.15	1.10	1.11	1.15	1.16	1.16	1.18	1.21	1.24			3.36	3.42	3.55
wind -0.2 m/s	velocity	4.68	7.66	7.39	7.73	7.66	7.39	7.33	7.33	7.20	7.02	8.47	6.97		7.59	7.46	7.18

Galertová, Alena (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.88	4.00	5.13	6.20	7.30	8.42	9.57	10.73	11.88	13.03		14.35	8 / 7			
reaction time 0.220	interval		1.12	1.13	1.07	1.10	1.12	1.15	1.16	1.15	1.15	1.32			3.32	3.37	3.46
wind 0.3 m/s	velocity	4.51	7.59	7.52	7.94	7.73	7.59	7.39	7.33	7.39	7.39	7.95	6.97		7.68	7.57	7.37

Ban, Nozomi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FNAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*																
date 02-Aug-17	time	2.72	3.86	4.99	6.12	7.26	8.40	9.55	10.72	11.88	13.07		14.35	2 / 7			
reaction time 0.159	interval		1.14	1.13	1.13	1.14	1.14	1.15	1.17	1.16	1.19	1.28			3.40	3.43	3.52
wind -2.9 m/s	velocity	4.78	7.46	7.52	7.52	7.46	7.46	7.39	7.26	7.33	7.14	8.20	6.97		7.50	7.43	7.24

Nagamine, Sayuri (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Shimane High School Championships (Izumo, JPN)													*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 26-May-19	time	2.75	3.90	5.04	6.15	7.25	8.37	9.49	10.62	11.79	12.99		14.35	4 / 1			
reaction time	interval		1.15	1.14	1.11	1.10	1.12	1.12	1.13	1.17	1.20	1.36			3.40	3.34	3.50
wind 1.9 m/s	velocity	4.73	7.39	7.46	7.66	7.73	7.59	7.59	7.52	7.26	7.08	7.39	6.97		7.50	7.63	7.29

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21	time	2.74	3.90	5.06	6.20	7.34	8.46	9.60	10.76	11.90	13.08		14.35	5 / 3			
reaction time 0.164	interval		1.16	1.16	1.14	1.14	1.12	1.14	1.16	1.14	1.18	1.27			3.46	3.40	3.48
wind 0.4 m/s	velocity	4.74	7.33	7.33	7.46	7.46	7.59	7.46	7.33	7.46	7.20	7.91	6.97		7.37	7.50	7.33

Ren Shimei (CHN) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)															*CAA Hurdle Development (2021)*			
date	24-Jun-21	time	2.73	3.87	5.00	6.15	7.29	8.44	9.59	10.76	11.93	13.11		14.35	4 / 1			
reaction time	0.167	interval		1.14	1.13	1.15	1.14	1.15	1.15	1.17	1.17	1.18	1.24			3.42	3.44	3.52
wind	0.2 m/s	velocity	4.76	7.46	7.52	7.39	7.46	7.39	7.39	7.26	7.26	7.20	8.10	6.97		7.46	7.41	7.24

Södergren, Maria (SWE) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)															*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	2.67	3.82	4.95	6.06	7.14	8.25	9.36	10.52	11.69	12.87		14.35	8 / 8			
reaction time	0.140	interval		1.15	1.13	1.11	1.08	1.11	1.11	1.16	1.17	1.18	1.48			3.39	3.30	3.51
wind	0.6 m/s	velocity	4.87	7.39	7.52	7.66	7.87	7.66	7.66	7.33	7.26	7.20	6.79	6.97		7.52	7.73	7.26

Yamasaki, Yuki (JPN) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)															*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date	22-Jun-24	time	2.77	3.90	4.98	6.10	7.22	8.36	9.51	10.67	11.86	13.05		14.35	9 / 7			
reaction time		interval		1.13	1.08	1.12	1.12	1.14	1.15	1.16	1.19	1.19	1.30			3.33	3.41	3.54
wind	-1.4 m/s	velocity	4.69	7.53	7.86	7.59	7.59	7.46	7.39	7.33	7.14	7.14	7.73	6.97		7.66	7.48	7.20

Richardson, Ke'Nyia (USA) (1989)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2005 USATF National Junior Championships (Carson, CA)															*USATF Women's Sprint Development (2005)*			
date	23-Jun-05	time	2.75	3.90	5.04	6.16	7.26	8.31	9.54	10.71	11.85	13.01		14.36	1 / 8			
reaction time		interval		1.15	1.14	1.12	1.10	1.05	1.23	1.17	1.14	1.16	1.35	PB		3.41	3.38	3.47
wind	-0.7 m/s	velocity	4.73	7.39	7.46	7.59	7.73	8.10	6.91	7.26	7.46	7.33	7.78	6.96		7.48	7.54	7.35

Ando, Manami (JPN) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)															*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date	08-Aug-19	time	2.72	3.81	4.90	6.03	7.17	8.33	9.51	10.67	11.84	13.05		14.36	8 / 5			
reaction time		interval		1.09	1.09	1.13	1.14	1.16	1.18	1.16	1.17	1.21	1.31			3.31	3.48	3.54
wind	-4.1 m/s	velocity	4.78	7.80	7.80	7.52	7.46	7.33	7.20	7.33	7.26	7.02	8.02	6.96		7.70	7.33	7.20

Chen Yuyang (CHN) (2002)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN)															*CAA Hurdle Development (2020)*			
date	15-Sep-20	time	2.84	3.98	5.12	6.24	7.36	8.50	9.65	10.79	11.93	13.09		14.36	7 / 8			
reaction time	0.205	interval		1.14	1.14	1.12	1.12	1.14	1.15	1.14	1.14	1.16	1.27			3.40	3.41	3.44
wind	-0.6 m/s	velocity	4.58	7.46	7.46	7.59	7.59	7.46	7.39	7.46	7.46	7.33	7.91	6.96		7.50	7.48	7.41

Johnson, Alaysha (USA) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Athletissima (Lausanne, SUI)															*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	2.45	3.52	4.55	5.57	6.61	7.65	8.69	9.73	10.80	12.11		14.36	6 / 8			
reaction time	0.139	interval		1.07	1.03	1.02	1.04	1.04	1.04	1.04	1.07	1.31	2.25			3.12	3.12	3.42
wind	-1.4 m/s	velocity	5.31	7.94	8.25	8.33	8.17	8.17	8.17	8.17	7.94	6.49	4.47	6.96		8.17	8.17	7.46

Blaßneck, Heike (GER) (1971)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1997 European Cup (Munich, GER)															*Jung (2003) - http://www.fgs.uni-halle.de*			
date	22-Jun-97	time	2.61	3.64	4.65	5.65	6.65	7.68	8.71	9.76	11.41	12.97		14.38	/ 8			
reaction time		interval		1.03	1.01	1.00	1.00	1.03	1.03	1.05	1.65	1.56	1.41			3.04	3.06	4.26
wind	0.7 m/s	velocity	4.98	8.25	8.42	8.50	8.50	8.25	8.25	8.10	5.15	5.45	7.45	6.95		8.39	8.33	5.99

Yasuda, Shiori (JPN) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 5 - 2016 Japanese National Junior Championships (Mizuho, JPN)															*(2016.11.02) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	21-Oct-16	time	2.73	3.89	5.02	6.16	7.30	8.43	9.58	10.73	11.90	13.08		14.38	8 / 3			
reaction time		interval		1.16	1.13	1.14	1.14	1.13	1.15	1.15	1.17	1.18	1.30			3.43	3.42	3.50
wind	0.9 m/s	velocity	4.76	7.33	7.52	7.46	7.46	7.52	7.39	7.39	7.26	7.20	8.08	6.95		7.43	7.46	7.29

Lun Xinyu (CHN) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)															*CAA Hurdle Development (2021)*			
date	25-Jun-21	time	2.75	3.89	5.02	6.15	7.26	8.39	9.53	10.68	11.86	13.06		14.38	7 / 6			
reaction time	0.170	interval		1.14	1.13	1.13	1.11	1.13	1.14	1.15	1.18	1.20	1.32			3.40	3.38	3.53
wind	-0.3 m/s	velocity	4.73	7.46	7.52	7.52	7.66	7.52	7.46	7.39	7.20	7.08	7.61	6.95		7.50	7.54	7.22

Bessho, Miyu (JPN) (2007)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)															*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time	2.72	3.87	4.98	6.12	7.23	8.38	9.53	10.68	11.87	13.05		14.38	4 / 1			
reaction time		interval		1.15	1.11	1.14	1.11	1.15	1.15	1.15	1.19	1.18	1.33			3.40	3.41	3.52
wind	-0.2 m/s	velocity	4.78	7.39	7.66	7.46	7.66	7.39	7.39	7.39	7.14	7.20	7.56	6.95		7.50	7.48	7.24

Galertová, Alena (CZE) (1992)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)															*Feher (2014) - Final report from the Czech Republic national championships*			
date	02-Aug-14	time	2.82	3.98	5.12	6.23	7.34	8.47	9.60	10.73	11.89	13.08		14.39	2 / 5			
reaction time	0.189	interval		1.16	1.14	1.11	1.11	1.13	1.13	1.13	1.16	1.19	1.31			3.41	3.37	3.48
wind	0.2 m/s	velocity	4.61	7.33	7.46	7.66	7.66	7.52	7.52	7.52	7.33	7.14	8.02	6.95		7.48	7.57	7.33

Šebestíková, Nikol (CZE) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14 time	2.71	3.81	4.96	6.07	7.20	8.35	9.51	10.66	11.85	13.05		14.39	1 / 6			
reaction time 0.187 interval		1.10	1.15	1.11	1.13	1.15	1.16	1.15	1.19	1.20	1.34			3.36	3.44	3.54
wind 0.2 m/s velocity	4.80	7.73	7.39	7.66	7.52	7.39	7.33	7.39	7.14	7.08	7.84	6.95		7.59	7.41	7.20

Qin Hongyan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.75	3.89	5.04	6.16	7.27	8.39	9.53	10.68	11.86	13.05		14.39	8 / 4			
reaction time 0.162 interval		1.14	1.15	1.12	1.11	1.12	1.14	1.15	1.18	1.19	1.34			3.41	3.37	3.52
wind 0.5 m/s velocity	4.73	7.46	7.39	7.59	7.66	7.59	7.46	7.39	7.20	7.14	7.84	6.95		7.48	7.57	7.24

Maynard, Sonia (GBR) (1967)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1985 European Junior Championships (Cottbus, GDR)													*Warburton (1985) - 1985 european junior championships - hurdles*			
date 23-Aug-85 time	2.58	3.70	4.85	5.89	7.00	8.20	9.30	10.55	11.64	12.77		14.40	/ 8			
reaction time interval		1.12	1.15	1.04	1.11	1.20	1.10	1.25	1.09	1.13	1.63			3.31	3.41	3.47
wind 1.3 m/s velocity	5.04	7.59	7.39	8.17	7.66	7.08	7.73	6.80	7.80	7.52	6.44	6.94		7.70	7.48	7.35

Purvis, Julian (USA) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2005 USATF National Junior Championships (Carson, CA)													*USATF Women's Sprint Development (2005)*			
date 23-Jun-05 time	2.79	3.87	5.04	6.16	7.29	8.45	9.54	10.74	11.91	13.09		14.40	9 / 9			
reaction time interval		1.08	1.17	1.12	1.13	1.16	1.09	1.20	1.17	1.18	1.31			3.37	3.38	3.55
wind -0.7 m/s velocity	4.66	7.87	7.26	7.59	7.52	7.33	7.80	7.08	7.26	7.20	8.02	6.94		7.57	7.54	7.18

Mächtig, Julia (GER) (1986)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time	2.77	3.92	5.08	6.24	7.38	8.52	9.67	10.84	12.03	13.21		14.40	5 / 4			
reaction time 0.171 interval		1.15	1.16	1.16	1.14	1.14	1.15	1.17	1.19	1.18	1.19			3.47	3.43	3.54
wind -0.1 m/s velocity	4.69	7.39	7.33	7.33	7.46	7.46	7.39	7.26	7.14	7.20	8.82	6.94		7.35	7.43	7.20

Shing Cho Yan (HKG) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.62	3.74	4.84	5.96	7.06	8.19	9.34	10.53	11.73	12.95		14.40	8 / 7			
reaction time 0.144 interval		1.12	1.10	1.12	1.10	1.13	1.15	1.19	1.20	1.22	1.45			3.34	3.38	3.61
wind -0.1 m/s velocity	4.96	7.59	7.73	7.59	7.73	7.52	7.39	7.14	7.08	6.97	7.24	6.94		7.63	7.54	7.06

Zekuciová, Anna (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.79	3.92	5.06	6.18	7.31	8.44	9.60	10.75	11.91	13.14		14.42	6 / 3			
reaction time 0.201 interval		1.13	1.14	1.12	1.13	1.13	1.16	1.15	1.16	1.23	1.28			3.39	3.42	3.54
wind -1.8 m/s velocity	4.66	7.52	7.46	7.59	7.52	7.52	7.33	7.39	7.33	6.91	8.20	6.93		7.52	7.46	7.20

Vokálová, Tereza (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.74	3.89	5.00	6.14	7.29	8.44	9.60	10.76	11.93	13.13		14.42	5 / 1			
reaction time 0.156 interval		1.15	1.11	1.14	1.15	1.15	1.16	1.16	1.17	1.20	1.29			3.40	3.46	3.53
wind -7.3 m/s velocity	4.74	7.39	7.66	7.46	7.39	7.39	7.33	7.33	7.26	7.08	8.14	6.93		7.50	7.37	7.22

Nakamura, Reina (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/04/07/post-249/*			
date 06-Apr-17 time	2.80	3.95	5.09	6.20	7.31	8.43	9.58	10.73	11.91	13.10		14.42	7 / 5			
reaction time interval		1.15	1.14	1.11	1.11	1.12	1.15	1.15	1.18	1.19	1.32			3.40	3.38	3.52
wind -1.8 m/s velocity	4.64	7.39	7.46	7.66	7.66	7.59	7.39	7.39	7.20	7.14	7.95	6.93		7.50	7.54	7.24

Saka, Nozomi (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date 08-Aug-19 time	2.74	3.87	4.98	6.11	7.27	8.44	9.61	10.79	11.97	13.16		14.42	7 / 6			
reaction time interval		1.13	1.11	1.13	1.16	1.17	1.17	1.18	1.18	1.19	1.26			3.37	3.50	3.55
wind -4.1 m/s velocity	4.74	7.52	7.66	7.52	7.33	7.26	7.26	7.20	7.20	7.14	8.33	6.93		7.57	7.29	7.18

Wang Meiqing (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21 time	2.77	3.92	5.07	6.20	7.33	8.47	9.64	10.79	11.96	13.16		14.42	8 / 1			
reaction time 0.216 interval		1.15	1.15	1.13	1.13	1.14	1.17	1.15	1.17	1.20	1.26			3.43	3.44	3.52
wind 0.3 m/s velocity	4.69	7.39	7.39	7.52	7.52	7.46	7.26	7.39	7.26	7.08	7.98	6.93		7.43	7.41	7.24

Klučinová, Eliška (CZE) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14 time	2.89	4.05	5.16	6.28	7.41	8.53	9.64	10.80	11.96	13.21		14.43	3 / 4			
reaction time 0.151 interval		1.16	1.11	1.12	1.13	1.12	1.11	1.16	1.16	1.25	1.22			3.39	3.36	3.57
wind -1.0 m/s velocity	4.50	7.33	7.66	7.59	7.52	7.59	7.66	7.33	7.33	6.80	8.61	6.93		7.52	7.59	7.14

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.80	3.94	5.06	6.20	7.31	8.44	9.56	10.73	11.88	13.09		14.43	7 / 6		
reaction time	0.211	interval		1.14	1.12	1.14	1.11	1.13	1.12	1.17	1.15	1.21	1.34			3.40	3.36	3.53
wind	-0.3 m/s	velocity	4.64	7.46	7.59	7.46	7.66	7.52	7.59	7.26	7.39	7.02	7.50	6.93		7.50	7.59	7.22

Kuroiwa, Kyoka (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FNAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*

date	02-Aug-17	time	2.72	3.86	4.99	6.11	7.25	8.43	9.61	10.77	11.94	13.12		14.44	9 / 8		
reaction time	0.146	interval		1.14	1.13	1.12	1.14	1.18	1.18	1.16	1.17	1.18	1.32			3.39	3.50	3.51
wind	-2.9 m/s	velocity	4.78	7.46	7.52	7.59	7.46	7.20	7.20	7.33	7.26	7.20	7.95	6.93		7.52	7.29	7.26

Tong Menghui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.77	3.90	5.02	6.16	7.29	8.42	9.57	10.73	11.89	13.11		14.43	7 / 5		
reaction time	0.152	interval		1.13	1.12	1.14	1.13	1.13	1.15	1.16	1.16	1.22	1.32			3.39	3.41	3.54
wind	0.5 m/s	velocity	4.69	7.52	7.59	7.46	7.52	7.52	7.39	7.33	7.33	6.97	7.95	6.93		7.52	7.48	7.20

Meesri, Suchada (THA) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Asian Grand Prix 1 (Chongqing, CHN) *CAA Hurdle Development (2019)*

date	04-Jun-19	time	2.68	3.78	4.87	5.97	7.19	8.37	9.56	10.74				14.44	2 / 7		
reaction time	0.171	interval		1.10	1.09	1.10	1.22	1.18	1.19	1.18						3.29	3.59	
wind	-1.2 m/s	velocity	4.85	7.73	7.80	7.73	6.97	7.20	7.14	7.20				6.93		7.75	7.10	

Wu Zheng (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*

date	23-Aug-19	time	2.82	3.94	5.05	6.16	7.29	8.43	9.56	10.71	11.89	13.10		14.44	6 / 2		
reaction time	0.209	interval		1.12	1.11	1.11	1.13	1.14	1.13	1.15	1.18	1.21	1.34			3.34	3.40	3.54
wind	?? m/s	velocity	4.61	7.59	7.66	7.66	7.52	7.46	7.52	7.39	7.20	7.02	7.84	6.93		7.63	7.50	7.20

Wu Zheng (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	24-Jun-21	time	2.75	3.90	5.04	6.16	7.29	8.39	9.52	10.71	11.89	13.09		14.44	5 / 2		
reaction time	0.201	interval		1.15	1.14	1.12	1.13	1.10	1.13	1.19	1.18	1.20	1.35			3.41	3.36	3.57
wind	0.2 m/s	velocity	4.73	7.39	7.46	7.59	7.52	7.73	7.52	7.14	7.20	7.08	7.44	6.93		7.48	7.59	7.14

Rogemyr, Maja (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2011 Windsprint (Sundsvall, SWE) *Blomkvist (2011) - www.sub13.se*

date	31-Jul-11	time	2.84	3.97	5.09	6.21	7.33	8.46	9.61	10.76	11.94	13.14		14.45	/ 7		
reaction time		interval		1.13	1.12	1.12	1.12	1.13	1.15	1.15	1.18	1.20	1.31			3.37	3.40	3.53
wind	1.4 m/s	velocity	4.58	7.52	7.59	7.59	7.59	7.52	7.39	7.39	7.20	7.08	8.02	6.92		7.57	7.50	7.22

Muchová, Zuzana (CZE) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.88	4.00	5.14	6.27	7.41	8.53	9.65	10.80	11.95	13.13		14.45	3 / 3		
reaction time	0.170	interval		1.12	1.14	1.13	1.14	1.12	1.12	1.15	1.15	1.18	1.32			3.39	3.38	3.48
wind	-1.0 m/s	velocity	4.51	7.59	7.46	7.52	7.46	7.59	7.59	7.39	7.39	7.20	7.95	6.92		7.52	7.54	7.33

Kiriyama, Chie (JPN) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) *Matsubayashi (2018) - research on athlete performance and technique- 2018 data book*

date	21-Apr-18	time	2.79	3.92	5.06	6.17	7.30	8.41	9.55	10.70	11.89	13.12		14.45	5 / 1		
reaction time		interval		1.13	1.14	1.11	1.13	1.11	1.14	1.15	1.19	1.23	1.33			3.38	3.38	3.57
wind	-4.5 m/s	velocity	4.66	7.52	7.46	7.66	7.52	7.66	7.46	7.39	7.14	6.91	7.89	6.92		7.54	7.54	7.14

Li Yuansu (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.80	3.97	5.10	6.26	7.39	8.54	9.68	10.83	12.00	13.16		14.45	6 / 3		
reaction time	0.184	interval		1.17	1.13	1.16	1.13	1.15	1.14	1.15	1.17	1.16	1.29			3.46	3.42	3.48
wind	0.0 m/s	velocity	4.64	7.26	7.52	7.33	7.52	7.39	7.46	7.39	7.26	7.33	8.14	6.92		7.37	7.46	7.33

Shinga, Chiori (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Chiba Perfecture High School Championships (Chiba, JPN) *(2016.10.26) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	24-Sep-16	time	2.81	3.93	5.05	6.19	7.31	8.46	9.60	10.77	11.95	13.14		14.46	4 / 1		
reaction time		interval		1.12	1.12	1.14	1.12	1.15	1.14	1.17	1.18	1.19	1.32			3.38	3.41	3.54
wind	0.5 m/s	velocity	4.63	7.59	7.59	7.46	7.59	7.39	7.46	7.26	7.20	7.14	7.95	6.92		7.54	7.48	7.20

Nakatuka, Natsuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2017 Mito Invitational (Mito, JPN) *(2017) - tfdata-store.com/2017/05/06/post-423/*

date	05-May-17	time	2.81	3.94	5.09	6.21	7.34	8.49	9.63	10.77	11.95	13.15		14.47	5 / 3		
reaction time		interval		1.13	1.15	1.12	1.13	1.15	1.14	1.14	1.18	1.20	1.32			3.40	3.42	3.52
wind	1.0 m/s	velocity	4.63	7.52	7.39	7.59	7.52	7.39	7.46	7.46	7.20	7.08	7.95	6.91		7.50	7.46	7.24

Wang Meiqing (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.78	3.94	5.05	6.16	7.29	8.44	9.62	10.79	11.98	13.20		14.47	5 / 1			
reaction time	0.186	interval		1.16	1.11	1.11	1.13	1.15	1.18	1.17	1.19	1.22	1.27	PB		3.38	3.46	3.58
wind	0.1 m/s	velocity	4.68	7.33	7.66	7.66	7.52	7.39	7.20	7.26	7.14	6.97	8.27	6.91		7.54	7.37	7.12

Yamanishi, Momoko (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) *Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*

date	08-Aug-19	time	2.77	3.92	5.03	6.11	7.22	8.34	9.49	10.67	11.87	13.10		14.47	1 / 7			
reaction time		interval		1.15	1.11	1.08	1.11	1.12	1.15	1.18	1.20	1.23	1.37			3.34	3.38	3.61
wind	-4.1 m/s	velocity	4.69	7.38	7.67	7.87	7.66	7.59	7.39	7.20	7.08	6.91	7.66	6.91		7.63	7.54	7.06

Bessho, Miyu (JPN) (2007)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	28-May-22	time	2.72	3.85	4.98	6.10	7.25	8.40	9.55	10.72	11.92	13.15		14.47	5 / 1			
reaction time		interval		1.13	1.13	1.12	1.15	1.15	1.15	1.17	1.20	1.23	1.32			3.38	3.45	3.60
wind	-0.4 m/s	velocity	4.78	7.52	7.52	7.59	7.39	7.39	7.39	7.26	7.08	6.91	7.61	6.91		7.54	7.39	7.08

Wei Huaning (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.75	3.89	5.04	6.17	7.31	8.46	9.63	10.78	11.95	13.13		14.47	9 / 4			
reaction time	0.160	interval		1.14	1.15	1.13	1.14	1.15	1.17	1.15	1.17	1.18	1.34			3.42	3.46	3.50
wind	0.0 m/s	velocity	4.73	7.46	7.39	7.52	7.46	7.39	7.26	7.39	7.26	7.20	7.84	6.91		7.46	7.37	7.29

Bethel, Ashley (USA) (1980)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 1996 USATF National Junior Championships (Delaware, OH) *USATF Women's Sprint Development (1996)*

date	29-Jun-96	time	2.60	3.78	4.85	5.97	7.11	8.22	9.41	10.58	11.75	12.91		14.48	7 / 6			
reaction time		interval		1.18	1.07	1.12	1.14	1.11	1.19	1.17	1.17	1.16	1.57			3.37	3.44	3.50
wind	-2.5 m/s	velocity	5.00	7.20	7.94	7.59	7.46	7.66	7.14	7.26	7.26	7.33	6.69	6.91		7.57	7.41	7.29

Gao Miao (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.75	3.91	5.04	6.17	7.32	8.44	9.61	10.79	11.98	13.19		14.48	1 / 2			
reaction time	0.154	interval		1.16	1.13	1.13	1.15	1.12	1.17	1.18	1.19	1.21	1.29			3.42	3.44	3.58
wind	0.8 m/s	velocity	4.73	7.33	7.52	7.52	7.39	7.59	7.26	7.20	7.14	7.02	8.14	6.91		7.46	7.41	7.12

Leng Xiping (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2021 National Grand Prix (Chengdu, CHN) *CAA Hurdle Development (2021)*

date	02-Apr-21	time	2.80	3.96	5.12	6.24	7.38	8.52	9.66	10.82	12.00	13.16		14.48	2 / 4			
reaction time	0.449	interval		1.16	1.16	1.12	1.14	1.14	1.14	1.16	1.18	1.16	1.32			3.44	3.42	3.50
wind	0.4 m/s	velocity	4.64	7.33	7.33	7.59	7.46	7.46	7.46	7.33	7.20	7.33	7.61	6.91		7.41	7.46	7.29

Shen Muhan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	24-Jun-21	time	2.78	3.94	5.07	6.19	7.31	8.44	9.59	10.76	11.94	13.16		14.48	4 / 2			
reaction time	0.195	interval		1.16	1.13	1.12	1.12	1.13	1.15	1.17	1.18	1.22	1.32			3.41	3.40	3.57
wind	0.6 m/s	velocity	4.68	7.33	7.52	7.59	7.59	7.52	7.39	7.26	7.20	6.97	7.61	6.91		7.48	7.50	7.14

Jie Zhimao (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	15-Sep-18	time	2.78	3.95	5.03	6.17	7.29	8.44	9.58	10.74	11.93	13.18		14.49	6 / 7			
reaction time		interval		1.17	1.08	1.14	1.12	1.15	1.14	1.16	1.19	1.25	1.31			3.39	3.41	3.60
wind	0.0 m/s	velocity	4.68	7.26	7.87	7.46	7.59	7.39	7.46	7.33	7.14	6.80	8.02	6.90		7.52	7.48	7.08

Rito, Nonoka (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN) *Takefu (2023) - performance analysis of heptathletes in the 2022 season*

date	04-Jun-22	time	2.77	3.90	5.03	6.18	7.30	8.46	9.61	10.76	11.94	13.16		14.49	9 / 7			
reaction time		interval		1.13	1.13	1.15	1.12	1.16	1.15	1.15	1.18	1.22	1.33			3.41	3.43	3.55
wind	0.4 m/s	velocity	4.69	7.52	7.52	7.39	7.59	7.33	7.39	7.39	7.20	6.97	7.56	6.90		7.48	7.43	7.18

Rogemyr, Maja (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2010 Windsprint (Sundsvall, SWE) *Blomkvist (2010) - 100/110m Hurdles: Development*

date	08-Aug-10	time	2.84	3.99	5.10	6.20	7.33	8.46	9.61	10.78	11.95	13.14		14.50	/ 4			
reaction time		interval		1.15	1.11	1.10	1.13	1.13	1.15	1.17	1.17	1.19	1.36			3.36	3.41	3.53
wind	0.6 m/s	velocity	4.58	7.39	7.66	7.73	7.52	7.52	7.39	7.26	7.26	7.14	7.72	6.90		7.59	7.48	7.22

Rogemyr, Maja (SWE) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2010 Swedish National Championships (Falun, SWE) *Blomkvist (2010) - www.sub13.se*

date	22-Aug-10	time	2.83	3.93	5.03	6.14	7.24	8.39	9.54	10.72	11.92	13.15		14.50	/ 7			
reaction time		interval		1.10	1.10	1.11	1.10	1.15	1.15	1.18	1.20	1.23	1.35			3.31	3.40	3.61
wind	-0.2 m/s	velocity	4.59	7.73	7.73	7.66	7.73	7.39	7.39	7.20	7.08	6.91	7.78	6.90		7.70	7.50	7.06

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis) *Henson (2024) - Athlete First: 2024 year end hurdle report*

date	29-Jun-24	time	2.73	3.87	4.97	6.07	7.20	8.34	9.57	10.78	11.98	13.18		14.50	1 / 8			

reaction time		interval		1.14	1.10	1.10	1.13	1.14	1.23	1.21	1.20	1.20	1.32			3.34	3.50	3.61
wind	1.0 m/s	velocity	4.76	7.46	7.73	7.73	7.52	7.46	6.91	7.02	7.08	7.08	7.61	6.90		7.63	7.29	7.06

Yamanaka, Aya (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8			Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN)													*(2017) - tfdata-store.com/2017/04/07/post-249/*			
date 06-Apr-17	time	2.77			7.31	8.45	9.60	10.79	11.99	13.19		14.51	2 / 6			
reaction time	interval				4.54	1.14	1.15	1.19	1.20	1.20	1.32					3.59
wind -1.8 m/s	velocity	4.69			7.49	7.46	7.39	7.14	7.08	7.08	7.95	6.89				7.10

Zhang Yi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19	time	2.65	3.80	4.90	6.03	7.12	8.28	9.43	10.61	11.81	13.06		14.51	4 / 8			
reaction time 0.179	interval		1.15	1.10	1.13	1.09	1.16	1.15	1.18	1.20	1.25	1.45			3.38	3.40	3.63
wind -0.1 m/s	velocity	4.91	7.39	7.73	7.52	7.80	7.33	7.39	7.20	7.08	6.80	7.24	6.89		7.54	7.50	7.02

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 25-Jun-21	time	2.75	3.90	5.10	6.24	7.39	8.54	9.69	10.88	12.04	13.20		14.52	7 / 5			
reaction time 0.198	interval		1.15	1.20	1.14	1.15	1.15	1.15	1.19	1.16	1.16	1.32			3.49	3.45	3.51
wind -1.6 m/s	velocity	4.73	7.39	7.08	7.46	7.39	7.39	7.39	7.14	7.33	7.33	7.61	6.89		7.31	7.39	7.26

Valette, Laura (FRA) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)													*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date 31-Jul-21	time	2.66	3.74	4.86	5.95	7.09	8.17	9.31	10.46				14.52	5 / 8			
reaction time 0.155	interval		1.08	1.12	1.09	1.14	1.08	1.14	1.15						3.29	3.36	
wind 0.4 m/s	velocity	4.89	7.87	7.59	7.80	7.46	7.87	7.46	7.39				6.89		7.75	7.59	

Yoshii, Ririko (JPN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													*Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data*			
date 08-Aug-19	time	2.73	3.82	4.91	6.01	7.14	8.26	9.42	10.64	11.86	13.13		14.53	3 / 8			
reaction time	interval		1.09	1.09	1.10	1.13	1.12	1.16	1.22	1.22	1.27	1.40			3.28	3.41	3.71
wind -4.1 m/s	velocity	4.76	7.80	7.80	7.73	7.52	7.59	7.33	6.97	6.97	6.69	7.50	6.88		7.77	7.48	6.87

Siles, Isabel (ESP) (1973)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1998 Spanish National Championships (San Sebastián, ESP)													*Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*			
date 01-Aug-98	time	2.69	3.81	4.91	6.05	7.17	8.33	9.51	10.70	11.88	13.11		14.54	8 / 7			
reaction time	interval		1.12	1.10	1.14	1.12	1.16	1.18	1.19	1.18	1.23	1.43			3.36	3.46	3.60
wind 0.0 m/s	velocity	4.83	7.59	7.73	7.46	7.59	7.33	7.20	7.14	7.20	6.91	7.34	6.88		7.59	7.37	7.08

Dostálová, Veronika (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.84	3.99	5.12	6.24	7.39	8.51	9.65	10.86	12.03	13.22		14.55	4 / 2			
reaction time 0.371	interval		1.15	1.13	1.12	1.15	1.12	1.14	1.21	1.17	1.19	1.33			3.40	3.41	3.57
wind -1.8 m/s	velocity	4.58	7.39	7.52	7.59	7.39	7.59	7.46	7.02	7.26	7.14	7.89	6.87		7.50	7.48	7.14

Yamanaka, Aya (JPN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 Kansai Student Athletics Championships (Osaka, JPN)													*(2016.10.20) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date 19-Oct-16	time	2.75	3.89	5.03	6.19	7.33	8.50	9.66	10.83	12.02	13.23		14.55	6 / 1			
reaction time	interval		1.14	1.14	1.16	1.14	1.17	1.16	1.17	1.19	1.21	1.32			3.44	3.47	3.57
wind 0.5 m/s	velocity	4.73	7.46	7.46	7.33	7.46	7.26	7.33	7.26	7.14	7.02	7.95	6.87		7.41	7.35	7.14

Zhong Xiaoli (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN)													*CAA Hurdle Development (2021)*			
date 19-May-21	time	2.80	3.93	5.07	6.19	7.29	8.39	9.52	10.64	11.93	13.21		14.55	8 / 6			
reaction time 0.225	interval		1.13	1.14	1.12	1.10	1.10	1.13	1.12	1.29	1.28	1.34			3.39	3.33	3.69
wind 0.2 m/s	velocity	4.64	7.52	7.46	7.59	7.73	7.73	7.52	7.59	6.59	6.64	7.50	6.87		7.52	7.66	6.91

Williams, Michelle (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													*USATF Women's Sprint Development (1996)*			
date 29-Jun-96	time	2.63	3.81	4.98	6.11	7.20	8.41	9.58	10.73	11.89	13.07		14.56	2 / 7			
reaction time	interval		1.18	1.17	1.13	1.09	1.21	1.17	1.15	1.16	1.18	1.49			3.48	3.47	3.49
wind -2.5 m/s	velocity	4.94	7.20	7.26	7.52	7.80	7.02	7.26	7.39	7.33	7.20	7.05	6.87		7.33	7.35	7.31

Nejedlová, Michaela (CZE) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.78	3.89	5.02	6.13	7.23	8.39	9.57	10.82	12.01	13.25		14.56	2 / 8			
reaction time 0.162	interval		1.11	1.13	1.11	1.10	1.16	1.18	1.25	1.19	1.24	1.31			3.35	3.44	3.68
wind 0.3 m/s	velocity	4.68	7.66	7.52	7.66	7.73	7.33	7.20	6.80	7.14	6.85	8.02	6.87		7.61	7.41	6.93

Ge Ge (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese World Championship Trials (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 02-Aug-19	time	2.79	3.92	5.07	6.22	7.34	8.47	9.64	10.81	11.98	13.21		14.56	5 / 8			
reaction time 0.215	interval		1.13	1.15	1.15	1.12	1.13	1.17	1.17	1.17	1.23	1.35			3.43	3.42	3.57

wind	0.2 m/s	velocity	4.66	7.52	7.39	7.39	7.59	7.52	7.26	7.26	7.26	6.91	7.78	6.87		7.43	7.46	7.14

Svobodová, Lenka (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.75	3.89	5.05	6.21	7.36	8.51	9.65	10.85	12.04	13.24		14.57	5 / 2			
reaction time 0.123	interval		1.14	1.16	1.16	1.15	1.15	1.14	1.20	1.19	1.20	1.33			3.46	3.44	3.59
wind -3.9 m/s	velocity	4.73	7.46	7.33	7.33	7.39	7.39	7.46	7.08	7.14	7.08	7.89	6.86		7.37	7.41	7.10

Šimečková, Michaela (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.91	4.05	5.21	6.36	7.48	8.64	9.78	10.95	12.14	13.36		14.57	7 / 5			
reaction time 0.159	interval		1.14	1.16	1.15	1.12	1.16	1.14	1.17	1.19	1.22	1.21			3.45	3.42	3.58
wind -1.0 m/s	velocity	4.47	7.46	7.33	7.39	7.59	7.33	7.46	7.26	7.14	6.97	8.68	6.86		7.39	7.46	7.12

Shen Muhan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.83	4.00	5.12	6.24	7.36	8.49	9.64	10.79	12.00	13.23		14.57	8 / 2			
reaction time 0.230	interval		1.17	1.12	1.12	1.12	1.13	1.15	1.15	1.21	1.23	1.34			3.41	3.40	3.59
wind 0.1 m/s	velocity	4.59	7.26	7.59	7.59	7.59	7.52	7.39	7.39	7.02	6.91	7.84	6.86		7.48	7.50	7.10

Oga, Yuri (JPN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 28-May-17	time	2.80	3.97	5.10	6.23	7.37	8.50	9.63	10.80	11.97	13.17		14.58	7 / 1			
reaction time	interval		1.17	1.13	1.13	1.14	1.13	1.13	1.17	1.17	1.20	1.41			3.43	3.40	3.54
wind 2.6 m/s	velocity	4.64	7.26	7.52	7.52	7.46	7.52	7.52	7.26	7.26	7.08	7.13	6.86		7.43	7.50	7.20

Zhang Yan (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 East China District Meeting (Zhaoqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Apr-21	time	2.80	3.96	5.10	6.24	7.39	8.52	9.67	10.84	12.03	13.25		14.58	5 / 6			
reaction time 0.195	interval		1.16	1.14	1.14	1.15	1.13	1.15	1.17	1.19	1.22	1.33			3.44	3.43	3.58
wind 0.6 m/s	velocity	4.64	7.33	7.46	7.46	7.39	7.52	7.39	7.26	7.14	6.97	7.56	6.86		7.41	7.43	7.12

Jie Zhimao (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)													*CAA Hurdle Development (2019)*			
date 30-May-19	time	2.80	3.95	5.09	6.26	7.41	8.56	9.72	10.91	12.09	13.29		14.59	1 / 7			
reaction time 0.149	interval		1.15	1.14	1.17	1.15	1.15	1.16	1.19	1.18	1.20	1.30			3.46	3.46	3.57
wind -0.1 m/s	velocity	4.64	7.39	7.46	7.26	7.39	7.39	7.33	7.14	7.20	7.08	8.08	6.85		7.37	7.37	7.14

Sääw, Ellen (SWE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Windsprint (Sundsvall, SWE)													*Blomkvist (2010) - 100/110m Hurdles: Development*			
date 08-Aug-10	time	2.83	3.96	5.08	6.18	7.28	8.40	9.52	10.68	11.91	13.21		14.60	/ 5			
reaction time	interval		1.13	1.12	1.10	1.10	1.12	1.12	1.16	1.23	1.30	1.39			3.35	3.34	3.69
wind 0.6 m/s	velocity	4.59	7.52	7.59	7.73	7.73	7.59	7.59	7.33	6.91	6.54	7.55	6.85		7.61	7.63	6.91

Wang Meiqing (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19	time	2.77	3.92	5.09	6.24	7.42	8.58	9.74	10.94	12.13	13.35		14.60	7 / 3			
reaction time 0.206	interval		1.15	1.17	1.15	1.18	1.16	1.16	1.20	1.19	1.22	1.25			3.47	3.50	3.61
wind ?? m/s	velocity	4.69	7.39	7.26	7.39	7.20	7.33	7.33	7.08	7.14	6.97	8.40	6.85		7.35	7.29	7.06

Pang Yuting (CHN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.75	3.95	5.09	6.21	7.31	8.53	9.69	10.86	12.03	13.23		14.62	3 / 3			
reaction time 0.180	interval		1.20	1.14	1.12	1.10	1.22	1.16	1.17	1.17	1.20	1.39			3.46	3.48	3.54
wind 0.8 m/s	velocity	4.73	7.08	7.46	7.59	7.73	6.97	7.33	7.26	7.26	7.08	7.55	6.84		7.37	7.33	7.20

Gao Miao (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19	time	2.87	3.99	5.11	6.24	7.41	8.56	9.73	10.93	12.13	13.36		14.62	5 / 4			
reaction time 0.218	interval		1.12	1.12	1.13	1.17	1.15	1.17	1.20	1.20	1.23	1.26			3.37	3.49	3.63
wind ?? m/s	velocity	4.53	7.59	7.59	7.52	7.26	7.39	7.26	7.08	7.08	6.91	8.33	6.84		7.57	7.31	7.02

Zhang Xuhui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21	time	2.80	3.97	5.12	6.27	7.41	8.54	9.73	10.91	12.09	13.33		14.62	7 / 2			
reaction time 0.218	interval		1.17	1.15	1.15	1.14	1.13	1.19	1.18	1.18	1.24	1.29	PB		3.47	3.46	3.60
wind 0.3 m/s	velocity	4.64	7.26	7.39	7.39	7.46	7.52	7.14	7.20	7.20	6.85	7.79	6.84		7.35	7.37	7.08

Galertová, Alena (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.86	4.06	5.22	6.38	7.53	8.68	9.82	10.97	12.13	13.31		14.63	1 / 8			
reaction time 0.186	interval		1.20	1.16	1.16	1.15	1.15	1.14	1.15	1.16	1.18	1.32			3.52	3.44	3.49
wind 0.4 m/s	velocity	4.55	7.08	7.33	7.33	7.39	7.39	7.46	7.39	7.33	7.20	7.95	6.84		7.24	7.41	7.31

Huo Xuanyi (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.86	4.01	5.16	6.30	7.42	8.56	9.72	10.90	12.08	13.30		14.63	4 / 5			
reaction time 0.188 interval		1.15	1.15	1.14	1.12	1.14	1.16	1.18	1.18	1.22	1.33			3.44	3.42	3.58
wind 0.5 m/s velocity	4.55	7.39	7.39	7.46	7.59	7.46	7.33	7.20	7.20	6.97	7.89	6.84		7.41	7.46	7.12

Wang Yan (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.75	3.89	5.06	6.21	7.36	8.51	9.68	10.88	12.06	13.30		14.64	4 / 5			
reaction time 0.170 interval		1.14	1.17	1.15	1.15	1.15	1.17	1.20	1.18	1.24	1.34			3.46	3.47	3.62
wind -0.2 m/s velocity	4.73	7.46	7.26	7.39	7.39	7.39	7.26	7.08	7.20	6.85	7.84	6.83		7.37	7.35	7.04

Lu Xinyue (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.79	3.96	5.12	6.26	7.41	8.54	9.71	10.89	12.06	13.28		14.65	3 / 5			
reaction time 0.156 interval		1.17	1.16	1.14	1.15	1.13	1.17	1.18	1.17	1.22	1.37			3.47	3.45	3.57
wind 0.0 m/s velocity	4.66	7.26	7.33	7.46	7.39	7.52	7.26	7.20	7.26	6.97	7.66	6.83		7.35	7.39	7.14

Mei Xiaoqian (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.90	4.07	5.21	6.36	7.47	8.61	9.76	10.93	12.11	13.31		14.66	4 / 6			
reaction time 0.418 interval		1.17	1.14	1.15	1.11	1.14	1.15	1.17	1.18	1.20	1.35			3.46	3.40	3.55
wind 0.0 m/s velocity	4.48	7.26	7.46	7.39	7.66	7.46	7.39	7.26	7.20	7.08	7.78	6.82		7.37	7.50	7.18

Šimečková, Michaela (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.80	3.94	5.06	6.22	7.34	8.50	9.67	10.86	12.07	13.31		14.67	7 / 2			
reaction time 0.170 interval		1.14	1.12	1.16	1.12	1.16	1.17	1.19	1.21	1.24	1.36			3.42	3.45	3.64
wind -7.3 m/s velocity	4.64	7.46	7.59	7.33	7.59	7.33	7.26	7.14	7.02	6.85	7.72	6.82		7.46	7.39	7.01

Škaloudová, Eliška (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14 time	2.80	3.97	5.11	6.26	7.42	8.58	9.75	10.93	12.13	13.32		14.67	7 / 7			
reaction time 0.209 interval		1.17	1.14	1.15	1.16	1.16	1.17	1.18	1.20	1.19	1.35			3.46	3.49	3.57
wind 0.2 m/s velocity	4.64	7.26	7.46	7.39	7.33	7.33	7.26	7.20	7.08	7.14	7.78	6.82		7.37	7.31	7.14

Shen Muhan (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.84	3.99	5.15	6.29	7.44	8.58	9.74	10.91	12.12	13.34		14.68	7 / 1			
reaction time 0.217 interval		1.15	1.16	1.14	1.15	1.14	1.16	1.17	1.21	1.22	1.34			3.45	3.45	3.60
wind ?? m/s velocity	4.58	7.39	7.33	7.46	7.39	7.46	7.33	7.26	7.02	6.97	7.84	6.81		7.39	7.39	7.08

Komrsková, Aneta (CZE) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14 time	2.90	4.06	5.20	6.35	7.49	8.61	9.77	10.94	12.13	13.38		14.69	2 / 6			
reaction time 0.213 interval		1.16	1.14	1.15	1.14	1.12	1.16	1.17	1.19	1.25	1.31			3.45	3.42	3.61
wind -1.0 m/s velocity	4.48	7.33	7.46	7.39	7.46	7.59	7.33	7.26	7.14	6.80	8.02	6.81		7.39	7.46	7.06

Takada, Momoka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 28-May-17 time	2.70	3.87	5.03	6.17	7.30	8.47	9.60	10.80	12.00	13.27		14.69	5 / 2			
reaction time interval		1.17	1.16	1.14	1.13	1.17	1.13	1.20	1.20	1.27	1.42			3.47	3.43	3.67
wind 2.6 m/s velocity	4.81	7.26	7.33	7.46	7.52	7.26	7.52	7.08	7.08	6.69	7.08	6.81		7.35	7.43	6.95

Pang Yuting (CHN) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.77	3.92	5.10	6.26	7.41	8.58	9.73	10.91	12.11	13.33		14.69	5 / 2			
reaction time 0.172 interval		1.15	1.18	1.16	1.15	1.17	1.15	1.18	1.20	1.22	1.36			3.49	3.47	3.60
wind ?? m/s velocity	4.69	7.39	7.20	7.33	7.39	7.26	7.39	7.20	7.08	6.97	7.72	6.81		7.31	7.35	7.08

Lun Xinyu (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 Chinese National Championships (Shaoxing, CHN)													*CAA Hurdle Development (2020)*			
date 15-Sep-20 time	2.78	3.94	5.11	6.28	7.45	8.60	9.77	10.95	12.13	13.35		14.69	6 / 7			
reaction time 0.169 interval		1.16	1.17	1.17	1.17	1.15	1.17	1.18	1.18	1.22	1.34			3.50	3.49	3.58
wind 0.3 m/s velocity	4.68	7.33	7.26	7.26	7.26	7.39	7.26	7.20	7.20	6.97	7.50	6.81		7.29	7.31	7.12

Yin Xiaoxia (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)													*CAA Hurdle Development (2021)*			
date 11-May-21 time	2.82	3.99	5.14	6.29	7.45	8.61	9.79	10.99	12.21	13.41		14.69	3 / 4			
reaction time interval		1.17	1.15	1.15	1.16	1.16	1.18	1.20	1.22	1.20	1.28			3.47	3.50	3.62
wind -0.6 m/s velocity	4.61	7.26	7.39	7.39	7.33	7.33	7.20	7.08	6.97	7.08	7.85	6.81		7.35	7.29	7.04

Inoussa, Farydah (SWE) (1994)

FINAL - 2013 Windsprint (Sundwvall, SWE)

(2013) - www.ssg.se/windsprint/Splittider/

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	28-Jul-13	time	2.83	4.00	5.13	6.28	7.42	8.56	9.70	10.89	12.12	13.35		14.71	7 / 6			
reaction time		interval		1.17	1.13	1.15	1.14	1.14	1.14	1.19	1.23	1.23	1.36			3.45	3.42	3.65
wind	1.2 m/s	velocity	4.59	7.26	7.52	7.39	7.46	7.46	7.46	7.14	6.91	6.91	7.72	6.80		7.39	7.46	6.99

Yamasaki, Yuki (JPN) (1995)

Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)

Matsubayashi (2018) - research on athlete performance and technique- 2018 data book

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	21-Apr-18	time	2.77	3.92	5.08	6.21	7.39	8.54	9.74	10.94	12.16	13.38		14.71	8 / 2			
reaction time		interval		1.15	1.16	1.13	1.18	1.15	1.20	1.20	1.22	1.22	1.33			3.44	3.53	3.64
wind	-4.5 m/s	velocity	4.69	7.39	7.33	7.52	7.20	7.39	7.08	7.08	6.97	6.97	7.89	6.80		7.41	7.22	7.01

Kong Rui (CHN) (2001)

Heat 1 - 2021 National Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	02-Apr-21	time	2.98	4.16	5.32	6.46	7.60	8.76	9.90	11.06	12.24	13.44		14.71	3 / 4			
reaction time	0.216	interval		1.18	1.16	1.14	1.14	1.16	1.14	1.16	1.18	1.20	1.27			3.48	3.44	3.54
wind	1.0 m/s	velocity	4.36	7.20	7.33	7.46	7.46	7.33	7.46	7.33	7.20	7.08	7.91	6.80		7.33	7.41	7.20

Huo Xuanyi (CHN) (1998)

FINAL - 2019 Chinese National Grand Prix 4 (Luoyang, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-May-19	time	2.88	4.02	5.15	6.32	7.46	8.61	9.78	10.97	12.16	13.39		14.73	2 / 8			
reaction time	0.183	interval		1.14	1.13	1.17	1.14	1.15	1.17	1.19	1.19	1.23	1.34			3.44	3.46	3.61
wind	-0.1 m/s	velocity	4.51	7.46	7.52	7.26	7.46	7.39	7.26	7.14	7.14	6.91	7.84	6.79		7.41	7.37	7.06

Gao Miao (CHN) (2001)

Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Jun-21	time	2.88	4.04	5.19	6.32	7.49	8.65	9.84	11.03	12.23	13.43		14.73	3 / 3			
reaction time	0.213	interval		1.16	1.15	1.13	1.17	1.16	1.19	1.19	1.20	1.20	1.30			3.44	3.52	3.59
wind	0.3 m/s	velocity	4.51	7.33	7.39	7.52	7.26	7.33	7.14	7.14	7.08	7.08	7.73	6.79		7.41	7.24	7.10

Zhuang Dongmei (CHN) (2000)

Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jun-21	time	2.75	3.92	5.09	6.24	7.39	8.54	9.74	10.94	12.14	13.38		14.73	9 / 7			
reaction time	0.195	interval		1.17	1.17	1.15	1.15	1.15	1.20	1.20	1.20	1.24	1.35			3.49	3.50	3.64
wind	-0.3 m/s	velocity	4.73	7.26	7.26	7.39	7.39	7.39	7.08	7.08	7.08	6.85	7.44	6.79		7.31	7.29	7.01

Ma Shiqi (CHN) (2001)

U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Aug-19	time	2.75	3.87	5.04	6.19	7.36	8.54	9.73	10.93	12.14	13.40		14.74	7 / 4			
reaction time	0.152	interval		1.12	1.17	1.15	1.17	1.18	1.19	1.20	1.21	1.26	1.34	PB		3.44	3.54	3.67
wind	0.0 m/s	velocity	4.73	7.59	7.26	7.39	7.26	7.20	7.14	7.08	7.02	6.75	7.84	6.78		7.41	7.20	6.95

Fukumoto, Tomoho (JPN)

FINAL - 2021 Shimane High School Championships (Izumo, JPN)

Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-May-21	time	2.78	3.93	5.12	6.27	7.42	8.60	9.78	10.97	12.18	13.42		14.74	3 / 1			
reaction time		interval		1.15	1.19	1.15	1.15	1.18	1.18	1.19	1.21	1.24	1.32			3.49	3.51	3.64
wind	1.7 m/s	velocity	4.68	7.39	7.14	7.39	7.39	7.20	7.20	7.14	7.02	6.85	7.61	6.78		7.31	7.26	7.01

Liu Jingyi (CHN) (2000)

Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Jun-21	time	2.83	3.97	5.12	6.27	7.42	8.56	9.72	10.91	12.11	13.36		14.75	5 / 4			
reaction time		interval		1.14	1.15	1.15	1.15	1.14	1.16	1.19	1.20	1.25	1.39	PB		3.44	3.45	3.64
wind	0.3 m/s	velocity	4.59	7.46	7.39	7.39	7.39	7.46	7.33	7.14	7.08	6.80	7.23	6.78		7.41	7.39	7.01

Svobodová, Lenka (CZE) (1995)

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	28-Jun-14	time	2.77	3.93	5.08	6.24	7.40	8.56	9.74	10.91	12.11	13.34		14.76	7 / 1			
reaction time	0.389	interval		1.16	1.15	1.16	1.16	1.16	1.18	1.17	1.20	1.23	1.42			3.47	3.50	3.60
wind	-1.5 m/s	velocity	4.69	7.33	7.39	7.33	7.33	7.33	7.20	7.26	7.08	6.91	7.39	6.78		7.35	7.29	7.08

Voronina, Yekaterina (UZB) (1992)

Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)

Henson (2024) - Athlete First: 2023 year end hurdle report

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	19-Aug-23	time	2.88	4.08	5.32	6.48	7.65	8.82	9.95	11.15	12.32			14.77	2 / 7			
reaction time	0.172	interval		1.20	1.24	1.16	1.17	1.17	1.13	1.20	1.17					3.60	3.47	
wind	-1.1 m/s	velocity	4.51	7.08	6.85	7.33	7.26	7.26	7.52	7.08	7.26			6.77		7.08	7.35	

He Xinyi (CHN) (2000)

U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Aug-19	time	2.75	3.89	5.01	6.16	7.29	8.46	9.64	10.87	12.10	13.37		14.79	3 / 5			
reaction time	0.179	interval		1.14	1.12	1.15	1.13	1.17	1.18	1.23	1.23	1.27	1.42	=PB		3.41	3.48	3.73
wind	0.0 m/s	velocity	4.73	7.46	7.59	7.39	7.52	7.26	7.20	6.91	6.91	6.69	7.39	6.76		7.48	7.33	6.84

Wu Wenya (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.80	3.95	5.10	6.26	7.41	8.56	9.73	10.91	12.11	13.38		14.79	8 / 7			
reaction time	0.178	interval		1.15	1.15	1.16	1.15	1.15	1.17	1.18	1.20	1.27	1.41			3.46	3.47	3.65
wind	0.0 m/s	velocity	4.64	7.39	7.39	7.33	7.39	7.39	7.26	7.20	7.08	6.69	7.45	6.76		7.37	7.35	6.99

Zhuang Dongmei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	15-Sep-18	time	2.74	3.87	5.04	6.21	7.37	8.49	9.74	11.01	12.24	13.48		14.80	2 / 8			
reaction time		interval		1.13	1.17	1.17	1.16	1.12	1.25	1.27	1.23	1.24	1.32			3.47	3.53	3.74
wind	0.0 m/s	velocity	4.74	7.52	7.26	7.26	7.33	7.59	6.80	6.69	6.91	6.85	7.95	6.76		7.35	7.22	6.82

Ge Ge (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.85	3.98	5.14	6.28	7.39	8.56	9.72	10.93	12.14	13.40		14.80	8 / 6			
reaction time	0.298	interval		1.13	1.16	1.14	1.11	1.17	1.16	1.21	1.21	1.26	1.40			3.43	3.44	3.68
wind	-1.6 m/s	velocity	4.56	7.52	7.33	7.46	7.66	7.26	7.33	7.02	7.02	6.75	7.18	6.76		7.43	7.41	6.93

Vachová, Anna (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	2.85	4.01	5.18	6.34	7.53	8.71	9.89	11.10	12.30	13.55		14.81	3 / 3			
reaction time	0.171	interval		1.16	1.17	1.16	1.19	1.18	1.18	1.21	1.20	1.25	1.26			3.49	3.55	3.66
wind	-3.9 m/s	velocity	4.56	7.33	7.26	7.33	7.14	7.20	7.20	7.02	7.08	6.80	8.33	6.75		7.31	7.18	6.97

Zhou Jingjing (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	24-Jun-21	time	2.82	3.97	5.15	6.29	7.44	8.61	9.77	10.98	12.18	13.44		14.81	8 / 3			
reaction time	0.292	interval		1.15	1.18	1.14	1.15	1.17	1.16	1.21	1.20	1.26	1.37			3.47	3.48	3.67
wind	0.2 m/s	velocity	4.61	7.39	7.20	7.46	7.39	7.26	7.33	7.02	7.08	6.75	7.34	6.75		7.35	7.33	6.95

Yin Xiaoxia (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 4 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	25-Jun-21	time	2.85	4.02	5.17	6.34	7.48	8.66	9.84	11.04	12.24	13.51		14.81	8 / 6			
reaction time	0.239	interval		1.17	1.15	1.17	1.14	1.18	1.18	1.20	1.20	1.27	1.30			3.49	3.50	3.67
wind	-1.8 m/s	velocity	4.56	7.26	7.39	7.26	7.46	7.20	7.20	7.08	7.08	6.69	7.73	6.75		7.31	7.29	6.95

Koto, Koenoson (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2016 Miyazaki Perfecture High School Championships (Miyazaki, JPN) *(2016.10.26) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	16-Sep-16	time	2.71	3.88	5.05	6.21	7.37	8.55	9.75	10.95	12.18	13.45		14.82	4 / 1			
reaction time		interval		1.17	1.17	1.16	1.16	1.18	1.20	1.20	1.23	1.27	1.37			3.50	3.54	3.70
wind	-0.4 m/s	velocity	4.80	7.26	7.26	7.33	7.33	7.20	7.08	7.08	6.91	6.69	7.66	6.75		7.29	7.20	6.89

Nakatuka, Natsuki (JPN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2017 Mito Invitational (Mito, JPN) *(2017) - tfdata-store.com/2017/05/06/post-423/*

date	05-May-17	time	2.80	3.95	5.10	6.23	7.40	8.57	9.76	10.96	12.19	13.43		14.83	4 / 3			
reaction time		interval		1.15	1.15	1.13	1.17	1.17	1.19	1.20	1.23	1.24	1.40			3.43	3.53	3.67
wind	-2.7 m/s	velocity	4.64	7.39	7.39	7.52	7.26	7.26	7.14	7.08	6.91	6.85	7.50	6.74		7.43	7.22	6.95

Sun Jingyuan (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

U18 FINAL - 2019 Chinese National Youth Games (Taiyuan, CHN) (76cm) *CAA Hurdle Development (2019)*

date	14-Aug-19	time	2.94	4.12	5.24	6.39	7.56	8.71	9.88	11.06	12.25	13.48		14.83	2 / 8			
reaction time	0.224	interval		1.18	1.12	1.15	1.17	1.15	1.17	1.18	1.19	1.23	1.35			3.45	3.49	3.60
wind	0.0 m/s	velocity	4.42	7.20	7.59	7.39	7.26	7.39	7.26	7.20	7.14	6.91	7.78	6.74		7.39	7.31	7.08

Jin Donghua (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

date	24-Jun-21	time	2.77	3.94	5.10	6.25	7.42	8.62	9.81	11.04	12.24	13.51		14.83	7 / 4			
reaction time	0.207	interval		1.17	1.16	1.15	1.17	1.20	1.19	1.23	1.20	1.27	1.32			3.48	3.56	3.70
wind	0.2 m/s	velocity	4.69	7.26	7.33	7.39	7.26	7.08	7.14	6.91	7.08	6.69	7.61	6.74		7.33	7.16	6.89

Hemphill, Megu (JPN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) *Matsubayashi (2018) - research on athlete performance and technique- 2018 data book*

date	21-Apr-18	time	2.84	4.03	5.21	6.39	7.55	8.70	9.86	11.04	12.24	13.47		14.84	4 / 3			
reaction time		interval		1.19	1.18	1.18	1.16	1.15	1.16	1.18	1.20	1.23	1.37			3.55	3.47	3.61
wind	-4.5 m/s	velocity	4.58	7.14	7.20	7.20	7.33	7.39	7.33	7.20	7.08	6.91	7.66	6.74		7.18	7.35	7.06

Zhang Xueqing (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - coaching observations*

date	15-Sep-18	time	2.90	4.07	5.21	6.35	7.49	8.64	9.81	11.01	12.23	13.49		14.85	1 / 8			
reaction time		interval		1.17	1.14	1.14	1.14	1.15	1.17	1.20	1.22	1.26	1.36			3.45	3.46	3.68
wind	-0.6 m/s	velocity	4.48	7.26	7.46	7.46	7.46	7.39	7.26	7.08	6.97	6.75	7.72	6.73		7.39	7.37	6.93

Jin Donghua (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

date	08-Jul-19	time	2.93	4.09	5.27	6.42	7.59	8.77	9.94	11.14	12.34	13.58		14.85	6 / 3				
reaction time	0.261	interval		1.16	1.18	1.15	1.17	1.18	1.17	1.20	1.20	1.24	1.27	PB		3.49	3.52	3.64	
wind	0.1 m/s	velocity	4.44	7.33	7.20	7.39	7.26	7.20	7.26	7.08	7.08	6.85	8.27	6.73		7.31	7.24	7.01	

Yin Xinyi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21 time	2.87	4.02	5.19	6.32	7.49	8.69	9.91	11.09	12.31	13.55		14.86	5 / 3			
reaction time 0.195 interval		1.15	1.17	1.13	1.17	1.20	1.22	1.18	1.22	1.24	1.31	PB		3.45	3.59	3.64
wind 0.6 m/s velocity	4.53	7.39	7.26	7.52	7.26	7.08	6.97	7.20	6.97	6.85	7.67	6.73		7.39	7.10	7.01

Kong Rui (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21 time	3.02	4.19	5.37	6.52	7.67	8.88	10.01	11.18	12.40	13.58		14.86	3 / 4			
reaction time 0.266 interval		1.17	1.18	1.15	1.15	1.21	1.13	1.17	1.22	1.18	1.28			3.50	3.49	3.57
wind 0.6 m/s velocity	4.30	7.26	7.20	7.39	7.39	7.01	7.54	7.26	6.97	7.20	7.85	6.73		7.29	7.31	7.14

Jones, Lolo (USA) (1982)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2024) - Athlete First: 2024 year end hurdle report*			
date 28-Jun-24 time	2.80	3.90	5.04	6.17	7.28	8.43	9.57					14.86	6 / 6			
reaction time interval		1.10	1.14	1.13	1.11	1.15	1.14							3.37	3.40	
wind 0.2 m/s velocity	4.64	7.73	7.46	7.52	7.66	7.39	7.46					6.73		7.57	7.50	

Dostálová, Veronika (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.81	3.98	5.13	6.28	7.42	8.60	9.78	10.98	12.20	13.50		14.87	2 / 6			
reaction time 0.214 interval		1.17	1.15	1.15	1.14	1.18	1.18	1.20	1.22	1.30	1.37			3.47	3.50	3.72
wind -3.6 m/s velocity	4.63	7.26	7.39	7.39	7.46	7.20	7.20	7.08	6.97	6.54	7.66	6.72		7.35	7.29	6.85

Wang Huiqiong (CHN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.88	4.05	5.22	6.37	7.52	8.67	9.85	11.03	12.26	13.51		14.87	2 / 4			
reaction time 0.282 interval		1.17	1.17	1.15	1.15	1.15	1.18	1.18	1.23	1.25	1.36			3.49	3.48	3.66
wind 0.8 m/s velocity	4.51	7.26	7.26	7.39	7.39	7.39	7.20	7.20	6.91	6.80	7.72	6.72		7.31	7.33	6.97

Matsubara, Shihori (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)													*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 28-May-23 time	2.82	3.98	5.13	6.30	7.47	8.65	9.83	11.03	12.27	13.52		14.88	6 / 2			
reaction time interval		1.16	1.15	1.17	1.17	1.18	1.18	1.20	1.24	1.25	1.36			3.48	3.53	3.69
wind -0.2 m/s velocity	4.61	7.33	7.39	7.26	7.26	7.20	7.20	7.08	6.85	6.80	7.39	6.72		7.33	7.22	6.91

Vachová, Anna (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.83	4.00	5.15	6.30	7.49	8.65	9.86	11.07	12.27	13.54		14.89	4 / 2			
reaction time 0.184 interval		1.17	1.15	1.15	1.19	1.16	1.21	1.21	1.20	1.27	1.35			3.47	3.56	3.68
wind -1.5 m/s velocity	4.59	7.26	7.39	7.39	7.14	7.33	7.02	7.02	7.08	6.69	7.78	6.72		7.35	7.16	6.93

Fukumoto, Tomoho (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Shimane High School Championships (Izumo, JPN)													*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20 time	2.78	3.93	5.08	6.23	7.40	8.57	9.75	10.97	12.20	13.47		14.89	3 / 1			
reaction time interval		1.15	1.15	1.15	1.17	1.17	1.18	1.22	1.23	1.27	1.42			3.45	3.52	3.72
wind 0.4 m/s velocity	4.68	7.39	7.39	7.39	7.26	7.26	7.20	6.97	6.91	6.69	7.08	6.72		7.39	7.24	6.85

Yang Hua (CHN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21 time	2.80	3.99	5.17	6.35	7.52	8.72	9.91	11.11	12.31	13.53		14.89	6 / 5			
reaction time 0.199 interval		1.19	1.18	1.18	1.17	1.20	1.19	1.20	1.20	1.22	1.36			3.55	3.56	3.62
wind 0.2 m/s velocity	4.64	7.14	7.20	7.20	7.26	7.08	7.14	7.08	7.08	6.97	7.39	6.72		7.18	7.16	7.04

Ren Shimei (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.85	4.02	5.19	6.36	7.51	8.69	9.86	11.09	12.31	13.56		14.92	2 / 4			
reaction time 0.224 interval		1.17	1.17	1.17	1.15	1.18	1.17	1.23	1.22	1.25	1.36	PB		3.51	3.50	3.70
wind 0.1 m/s velocity	4.56	7.26	7.26	7.26	7.39	7.20	7.26	6.91	6.97	6.80	7.72	6.70		7.26	7.29	6.89

Chen Zhifei (CHN) (2001)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.88	4.08	5.24	6.42	7.57	8.75	9.90	11.09	12.34	13.56		14.92	5 / 6			
reaction time 0.163 interval		1.20	1.16	1.18	1.15	1.18	1.15	1.19	1.25	1.22	1.36			3.54	3.48	3.66
wind 0.5 m/s velocity	4.51	7.08	7.33	7.20	7.39	7.20	7.39	7.14	6.80	6.97	7.72	6.70		7.20	7.33	6.97

Lüppert Thomsson, Frida (SWE) (19

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Windsprint (Sundsvall, SWE)													*Blomkvist (2010) - 100/110m Hurdles: Development*			
date 08-Aug-10 time	2.83	3.99	5.16	6.29	7.44	8.62	9.80	11.01	12.25	13.50		14.94	/ 6			

reaction time		interval		1.16	1.17	1.13	1.15	1.18	1.18	1.21	1.24	1.25	1.44			3.46	3.51	3.70
wind	0.6 m/s	velocity	4.59	7.33	7.26	7.52	7.39	7.20	7.20	7.02	6.85	6.80	7.29	6.69		7.37	7.26	6.89

Vávrová, Denisa (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.78	3.91	5.05	6.19	7.35	8.54	9.72	10.95	12.18	13.47		14.94	8 / 3			
reaction time 0.141 interval		1.13	1.14	1.14	1.16	1.19	1.18	1.23	1.23	1.29	1.47			3.41	3.53	3.75
wind -1.8 m/s velocity	4.68	7.52	7.46	7.46	7.33	7.14	7.20	6.91	6.91	6.59	7.14	6.69		7.48	7.22	6.80

Škaloudová, Eliška (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.79	3.95	5.11	6.27	7.43	8.60	9.65	10.96	12.16	13.56		14.96	6 / 4			
reaction time 0.159 interval		1.16	1.16	1.16	1.16	1.17	1.05	1.31	1.20	1.40	1.40			3.48	3.38	3.91
wind -1.0 m/s velocity	4.66	7.33	7.33	7.33	7.33	7.26	8.10	6.49	7.08	6.07	7.50	6.68		7.33	7.54	6.52

Eurenius, Isabelle (SWE) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 Swedish National Championships (Falun, SWE)													*Blomkvist (2010) - www.sub13.se*			
date 22-Aug-10 time	2.86	3.99	5.11	6.23	7.38	8.53	9.70	10.87	12.11	13.49		14.97	/ 8			
reaction time interval		1.13	1.12	1.12	1.15	1.15	1.17	1.17	1.24	1.38	1.48			3.37	3.47	3.79
wind -0.2 m/s velocity	4.55	7.52	7.59	7.59	7.39	7.39	7.26	7.26	6.85	6.16	7.09	6.68		7.57	7.35	6.73

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.77	3.95	5.07	6.19	7.31	8.44	9.59	10.89	12.16	13.48		14.97	2 / 5			
reaction time 0.196 interval		1.18	1.12	1.12	1.12	1.13	1.15	1.30	1.27	1.32	1.49			3.42	3.40	3.89
wind 0.2 m/s velocity	4.69	7.20	7.59	7.59	7.59	7.52	7.39	6.54	6.69	6.44	7.05	6.68		7.46	7.50	6.56

Matsubara, Shihori (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Shimane High School Championships (Izumo, JPN)													*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 28-May-22 time	2.77	3.93	5.08	6.25	7.43	8.60	9.83	11.07	12.33	13.60		14.97	7 / 2			
reaction time interval		1.16	1.15	1.17	1.18	1.17	1.23	1.24	1.26	1.27	1.37			3.48	3.58	3.77
wind -0.4 m/s velocity	4.69	7.33	7.39	7.26	7.20	7.26	6.91	6.85	6.75	6.69	7.34	6.68		7.33	7.12	6.76

Li Jinghua (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.88	4.04	5.20	6.35	7.52	8.71	9.91	11.12	12.36	13.61		14.98	7 / 5			
reaction time 0.214 interval		1.16	1.16	1.15	1.17	1.19	1.20	1.21	1.24	1.25	1.37			3.47	3.56	3.70
wind 0.1 m/s velocity	4.51	7.33	7.33	7.39	7.26	7.14	7.08	7.02	6.85	6.80	7.66	6.68		7.35	7.16	6.89

Zhou Jingjing (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.91	4.07	5.24	6.39	7.56	8.71	9.88	11.09	12.33	13.58		15.00	1 / 6			
reaction time 0.221 interval		1.16	1.17	1.15	1.17	1.15	1.17	1.21	1.24	1.25	1.42			3.48	3.49	3.70
wind 0.1 m/s velocity	4.47	7.33	7.26	7.39	7.26	7.39	7.26	7.02	6.85	6.80	7.39	6.67		7.33	7.31	6.89

Sun Lan (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	2.87	4.10	5.29	6.47	7.64	8.84	9.99	11.21	12.43	13.65		15.01	6 / 5			
reaction time 0.193 interval		1.23	1.19	1.18	1.17	1.20	1.15	1.22	1.22	1.22	1.36	PB		3.60	3.52	3.66
wind 0.8 m/s velocity	4.53	6.91	7.14	7.20	7.26	7.08	7.39	6.97	6.97	6.97	7.72	6.66		7.08	7.24	6.97

Liu Jingyi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)													*CAA Hurdle Development (2021)*			
date 11-May-21 time	2.87	4.00	5.19	6.34	7.52	8.70	9.89	11.11	12.34	13.61		15.01	8 / 5			
reaction time interval		1.13	1.19	1.15	1.18	1.18	1.19	1.22	1.23	1.27	1.40			3.47	3.55	3.72
wind -0.6 m/s velocity	4.53	7.52	7.14	7.39	7.20	7.20	7.14	6.97	6.91	6.69	7.18	6.66		7.35	7.18	6.85

Jiang Minhong (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 2 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
date 14-Aug-19 time	2.80	3.93	5.11	6.27	7.42	8.61	9.83	11.08	12.33	13.62		15.02	3 / 6			
reaction time 0.179 interval		1.13	1.18	1.16	1.15	1.19	1.22	1.25	1.25	1.29	1.40			3.47	3.56	3.79
wind -0.2 m/s velocity	4.64	7.52	7.20	7.33	7.39	7.14	6.97	6.80	6.80	6.59	7.50	6.66		7.35	7.16	6.73

Deng Mengying (CHN) (2004)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)													*CAA Hurdle Development (2021)*			
date 11-May-21 time	2.85	4.05	5.25	6.44	7.61	8.79	10.01	11.23	12.44	13.68		15.03	2 / 6			
reaction time interval		1.20	1.20	1.19	1.17	1.18	1.22	1.22	1.21	1.24	1.35			3.59	3.57	3.67
wind -0.6 m/s velocity	4.56	7.08	7.08	7.14	7.26	7.20	6.97	6.97	7.02	6.85	7.44	6.65		7.10	7.14	6.95

Zhou Jingjing (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.87	4.04	5.22	6.41	7.57	8.76	9.96	11.19	12.41	13.69		15.07	6 / 3			
reaction time 0.177 interval		1.17	1.18	1.19	1.16	1.19	1.20	1.23	1.22	1.28	1.38			3.54	3.55	3.73

wind	?? m/s	velocity	4.53	7.26	7.20	7.14	7.33	7.14	7.08	6.91	6.97	6.64	7.61	6.64		7.20	7.18	6.84

Wang Huiqiong (CHN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.92	4.10	5.26	6.41	7.57	8.72	9.94	11.18	12.43	13.68		15.08	2 / 5			
reaction time 0.230 interval		1.18	1.16	1.15	1.16	1.15	1.22	1.24	1.25	1.25	1.40			3.49	3.53	3.74
wind ?? m/s velocity	4.45	7.20	7.33	7.39	7.33	7.39	6.97	6.85	6.80	6.80	7.50	6.63		7.31	7.22	6.82

Sun Lan (CHN) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.88	4.09	5.27	6.46	7.66	8.83	10.03	11.25	12.48	13.70		15.09	4 / 4			
reaction time 0.199 interval		1.21	1.18	1.19	1.20	1.17	1.20	1.22	1.23	1.22	1.39			3.58	3.57	3.67
wind ?? m/s velocity	4.51	7.02	7.20	7.14	7.08	7.26	7.08	6.97	6.91	6.97	7.55	6.63		7.12	7.14	6.95

Li Shiyu (CHN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.90	4.12	5.32	6.54	7.72	8.92	10.12	11.32	12.54	13.76		15.10	6 / 5			
reaction time 0.178 interval		1.22	1.20	1.22	1.18	1.20	1.20	1.20	1.22	1.22	1.34			3.64	3.58	3.64
wind 0.4 m/s velocity	4.48	6.97	7.08	6.97	7.20	7.08	7.08	7.08	6.97	6.97	7.50	6.62		7.01	7.12	7.01

Hofmanová, Martina (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.79	3.96	5.11	6.31	7.50	8.72	9.95	11.22	12.47	13.76		15.14	6 / 3			
reaction time 0.155 interval		1.17	1.15	1.20	1.19	1.22	1.23	1.27	1.25	1.29	1.38			3.52	3.64	3.81
wind -1.5 m/s velocity	4.66	7.26	7.39	7.08	7.14	6.97	6.91	6.69	6.80	6.59	7.61	6.61		7.24	7.01	6.69

Vávrová, Denisa (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.76	3.89	5.03	6.20	7.40	8.58	9.78	11.16	12.39	13.74		15.15	1 / 7			
reaction time 0.138 interval		1.13	1.14	1.17	1.20	1.18	1.20	1.38	1.23	1.35	1.41			3.44	3.58	3.96
wind -3.6 m/s velocity	4.71	7.52	7.46	7.26	7.08	7.20	7.08	6.16	6.91	6.30	7.45	6.60		7.41	7.12	6.44

Asba, Haruka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN)											*(2017) - tfdata-store.com/2017/04/07/post-249/*			
date 06-Apr-17 time	2.78	3.98	5.20	6.40	7.59	8.80	10.01	11.27	12.52	13.76		15.16	3 / 7			
reaction time interval		1.20	1.22	1.20	1.19	1.21	1.21	1.26	1.25	1.24	1.40			3.62	3.61	3.75
wind -1.8 m/s velocity	4.68	7.08	6.97	7.08	7.14	7.02	7.02	6.75	6.80	6.85	7.50	6.60		7.04	7.06	6.80

Li Jinghua (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.92	4.10	5.29	6.47	7.65	8.83	10.06	11.28	12.53	13.80		15.16	9 / 5			
reaction time 0.195 interval		1.18	1.19	1.18	1.18	1.18	1.23	1.22	1.25	1.27	1.36			3.55	3.59	3.74
wind ?? m/s velocity	4.45	7.20	7.14	7.20	7.20	7.20	6.91	6.97	6.80	6.69	7.72	6.60		7.18	7.10	6.82

Liu Jingyi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.80	3.95	5.14	6.30	7.49	8.68	9.89	11.14	12.42	13.68		15.17	3 / 6			
reaction time 0.179 interval		1.15	1.19	1.16	1.19	1.19	1.21	1.25	1.28	1.26	1.49			3.50	3.59	3.79
wind ?? m/s velocity	4.64	7.39	7.14	7.33	7.14	7.14	7.02	6.80	6.64	6.75	7.05	6.59		7.29	7.10	6.73

Jedličková, Petra (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	3.00	4.18	5.37	6.56	7.75	8.94	10.14	11.35	12.56	13.81		15.18	6 / 3			
reaction time 0.225 interval		1.18	1.19	1.19	1.19	1.19	1.20	1.21	1.21	1.25	1.37			3.56	3.58	3.67
wind -1.3 m/s velocity	4.33	7.20	7.14	7.14	7.14	7.14	7.08	7.02	7.02	6.80	7.66	6.59		7.16	7.12	6.95

Fukumoto, Tomoho (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Shimane High School Championships (Izumo, JPN)													*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 28-May-22 time	2.78	3.97	5.13	6.30	7.45	8.63	9.87	11.08	12.35	13.67		15.18	6 / 3			
reaction time interval		1.19	1.16	1.17	1.15	1.18	1.24	1.21	1.27	1.32	1.51			3.52	3.57	3.80
wind -0.4 m/s velocity	4.68	7.14	7.33	7.26	7.39	7.20	6.85	7.02	6.69	6.44	6.66	6.59		7.24	7.14	6.71

Jin Donghua (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	2.94	4.10	5.34	6.52	7.72	8.91	10.13	11.35	12.53	13.83		15.20	8 / 6			
reaction time 0.267 interval		1.16	1.24	1.18	1.20	1.19	1.22	1.22	1.18	1.30	1.37			3.58	3.61	3.70
wind ?? m/s velocity	4.42	7.33	6.85	7.20	7.08	7.14	6.97	6.97	7.20	6.54	7.66	6.58		7.12	7.06	6.89

Matsubara, Shihori (JPN) (2005)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Shimane High School Championships (Izumo, JPN)													*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 30-May-21 time	2.82	4.02	5.18	6.37	7.55	8.77	9.98	11.27	12.53	13.83		15.22	6 / 2			
reaction time interval		1.20	1.16	1.19	1.18	1.22	1.21	1.29	1.26	1.30	1.39			3.55	3.61	3.85
wind 1.7 m/s velocity	4.61	7.08	7.33	7.14	7.20	6.97	7.02	6.59	6.75	6.54	7.23	6.57		7.18	7.06	6.62

Liu Sihui (CHN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, CHN)															*CAA Hurdle Development (2021)*			
date	19-May-21	time	2.88	4.08	5.26	6.47	7.67	8.85	10.09	11.34	12.59	13.89		15.25	3 / 7			
reaction time	0.211	interval		1.20	1.18	1.21	1.20	1.18	1.24	1.25	1.25	1.30	1.36			3.59	3.62	3.80
wind	0.2 m/s	velocity	4.51	7.08	7.20	7.02	7.08	7.20	6.85	6.80	6.80	6.54	7.39	6.56		7.10	7.04	6.71

Dobrovolná, Kristyna (CZE) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.93	4.12	5.30	6.49	7.69	8.90	10.11	11.35	12.58	13.85		15.26	5 / 2			
reaction time	0.185	interval		1.19	1.18	1.19	1.20	1.21	1.21	1.24	1.23	1.27	1.41			3.56	3.62	3.74
wind	-4.5 m/s	velocity	4.44	7.14	7.20	7.14	7.08	7.02	7.02	6.85	6.91	6.69	7.45	6.55		7.16	7.04	6.82

Bendová, Daniela (CZE) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.91	4.13	5.32	6.53	7.74	8.95	10.20	11.43	12.64	13.90		15.26	4 / 4			
reaction time	0.202	interval		1.22	1.19	1.21	1.21	1.21	1.25	1.23	1.21	1.26	1.36			3.62	3.67	3.70
wind	-1.3 m/s	velocity	4.47	6.97	7.14	7.02	7.02	7.02	6.80	6.91	7.02	6.75	7.72	6.55		7.04	6.95	6.89

Zhang Yan (CHN) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
U20 Heat 1 - 2019 Chinese National Youth Games (Taiyuan, CHN)															*CAA Hurdle Development (2019)*			
date	14-Aug-19	time	2.79	3.94	5.09	6.27	7.46	8.66	9.89	11.16	12.45	13.80		15.28	4 / 6			
reaction time	0.154	interval		1.15	1.15	1.18	1.19	1.20	1.23	1.27	1.29	1.35	1.48			3.48	3.62	3.91
wind	0.5 m/s	velocity	4.66	7.39	7.39	7.20	7.14	7.08	6.91	6.69	6.59	6.30	7.09	6.54		7.33	7.04	6.52

Skálová, Annemarie (CZE) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.89	3.96	5.17	6.35	7.59	8.80	10.06	11.34	12.63	13.93		15.31	3 / 3			
reaction time	0.149	interval		1.07	1.21	1.18	1.24	1.21	1.26	1.28	1.29	1.30	1.38			3.46	3.71	3.87
wind	-4.5 m/s	velocity	4.50	7.94	7.02	7.20	6.85	7.02	6.75	6.64	6.59	6.54	7.61	6.53		7.37	6.87	6.59

Liu Jingyi (CHN) (2000)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)															*CAA Hurdle Development (2019)*			
date	08-Jul-19	time	2.83	4.00	5.17	6.36	7.54	8.72	9.96	11.22	12.51	13.83		15.31	3 / 7			
reaction time	0.167	interval		1.17	1.17	1.19	1.18	1.18	1.24	1.26	1.29	1.32	1.48			3.53	3.60	3.87
wind	0.1 m/s	velocity	4.59	7.26	7.26	7.14	7.20	7.20	6.85	6.75	6.59	6.44	7.09	6.53		7.22	7.08	6.59

Nemčeková, Nikola (CZE) (1997)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.88	4.05	5.23	6.43	7.65	8.85	10.07	11.32	12.60	13.90		15.33	3 / 4			
reaction time	0.179	interval		1.17	1.18	1.20	1.22	1.20	1.22	1.25	1.28	1.30	1.43			3.55	3.64	3.83
wind	-1.8 m/s	velocity	4.51	7.26	7.20	7.08	6.97	7.08	6.97	6.80	6.64	6.54	7.34	6.52		7.18	7.01	6.66

Hofmanová, Martina (CZE) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.85	4.06	5.25	6.45	7.68	8.93	10.18	11.50	12.78	14.01		15.33	2 / 4			
reaction time	0.167	interval		1.21	1.19	1.20	1.23	1.25	1.25	1.32	1.28	1.23	1.32			3.60	3.73	3.83
wind	-3.9 m/s	velocity	4.56	7.02	7.14	7.08	6.91	6.80	6.80	6.44	6.64	6.91	7.95	6.52		7.08	6.84	6.66

He Jiamin (CHN) (2001)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)															*CAA Hurdle Development (2019)*			
date	23-Aug-19	time	2.90	4.09	5.29	6.47	7.66	8.88	10.08	11.30	12.56	13.86		15.33	2 / 6			
reaction time	0.216	interval		1.19	1.20	1.18	1.19	1.22	1.20	1.22	1.26	1.30	1.47			3.57	3.61	3.78
wind	-0.2 m/s	velocity	4.48	7.14	7.08	7.20	7.14	6.97	7.08	6.97	6.75	6.54	7.14	6.52		7.14	7.06	6.75

Konoha, Nishio (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)															*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time	2.87	4.10	5.28	6.52	7.73	8.97	10.18	11.42	12.65	13.93		15.37	7 / 2			
reaction time		interval		1.23	1.18	1.24	1.21	1.24	1.21	1.24	1.23	1.28	1.44			3.65	3.66	3.75
wind	-1.0 m/s	velocity	4.53	6.91	7.20	6.85	7.02	6.85	7.02	6.85	6.91	6.64	6.98	6.51		6.99	6.97	6.80

Brown, Ashlee (USA) (1985)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)															*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	2.58	3.70	4.76	5.86	6.96	8.04	9.14	10.26	11.48	12.99		15.41	8 / 9			
reaction time		interval		1.12	1.06	1.10	1.10	1.08	1.10	1.12	1.22	1.51	2.42			3.28	3.28	3.85
wind	2.3 m/s	velocity	5.04	7.59	8.02	7.73	7.73	7.87	7.73	7.59	6.97	5.63	4.34	6.49		7.77	7.77	6.62

Vytlačilová, Tereza (CZE) (1995)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)															*Feher (2014) - Final report from the Czech Republic national championships*			
date	02-Aug-14	time	2.95	4.16	5.36	6.57	7.77	9.00	10.21	11.45	12.72	14.02		15.41	8 / 7			
reaction time	0.141	interval		1.21	1.20	1.21	1.20	1.23	1.21	1.24	1.27	1.30	1.39			3.62	3.64	3.81
wind	-1.0 m/s	velocity	4.41	7.02	7.08	7.02	7.08	6.91	7.02	6.85	6.69	6.54	7.55	6.49		7.04	7.01	6.69

Fleischer, Caroline (NOR) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Windsprint (Sundsvall, SWE)													*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time	2.86	4.04	5.21	6.39	7.90	8.82			12.56	13.86		15.42	/ 2			
reaction time interval		1.18	1.17	1.18	1.51	0.92			3.74	1.30	1.56			3.53		
wind 1.0 m/s velocity	4.55	7.20	7.26	7.20	5.63	9.24			6.82	6.54	6.73	6.49		7.22		

Akane, Ishikawa (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)													*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 26-May-24 time	2.85	4.02	5.20	6.40	7.62	8.85	10.12	11.37	12.63	13.92		15.42	6 / 3			
reaction time interval		1.17	1.18	1.20	1.22	1.23	1.27	1.25	1.26	1.29	1.50			3.55	3.72	3.80
wind -1.0 m/s velocity	4.56	7.26	7.20	7.08	6.97	6.91	6.69	6.80	6.75	6.59	6.70	6.49		7.18	6.85	6.71

Dobrovolná, Kristyna (CZE) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.88	4.08	5.29	6.49	7.73	8.96	10.19	11.46	12.72	14.00		15.44	6 / 5			
reaction time 0.152 interval		1.20	1.21	1.20	1.24	1.23	1.23	1.27	1.26	1.28	1.44			3.61	3.70	3.81
wind -3.9 m/s velocity	4.51	7.08	7.02	7.08	6.85	6.91	6.91	6.69	6.75	6.64	7.29	6.48		7.06	6.89	6.69

Oshita, Airi (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-18 time	2.82	4.03	5.22	6.45	7.67	8.87	10.12	11.38	12.72	14.02		15.44	3 / 3			
reaction time interval		1.21	1.19	1.23	1.22	1.20	1.25	1.26	1.34	1.30	1.42			3.63	3.67	3.90
wind 1.2 m/s velocity	4.61	7.02	7.14	6.91	6.97	7.08	6.80	6.75	6.34	6.54	7.08	6.48		7.02	6.95	6.54

Šutová, Eva (CZE) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.87	4.05	5.26	6.46	7.66	8.91	10.17	11.45	12.74	14.12		15.47	2 / 5			
reaction time 0.168 interval		1.18	1.21	1.20	1.20	1.25	1.26	1.28	1.29	1.38	1.35			3.59	3.71	3.95
wind -0.9 m/s velocity	4.53	7.20	7.02	7.08	7.08	6.80	6.75	6.64	6.59	6.16	7.78	6.46		7.10	6.87	6.46

Chen Xianying (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21 time	2.74	3.90	5.04	6.20	7.40	8.64	9.86	11.12	12.46	13.88		15.48	6 / 5			
reaction time 0.171 interval		1.16	1.14	1.16	1.20	1.24	1.22	1.26	1.34	1.42	1.60			3.46	3.66	4.02
wind 1.0 m/s velocity	4.74	7.33	7.46	7.33	7.08	6.85	6.97	6.75	6.34	5.99	6.28	6.46		7.37	6.97	6.34

Matysková, Ludmila (CZE) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.94	4.18	5.38	6.61	7.85	9.07	10.32	11.55	12.82	14.07		15.50	2 / 4			
reaction time 0.143 interval		1.24	1.20	1.23	1.24	1.22	1.25	1.23	1.27	1.25	1.43			3.67	3.71	3.75
wind -1.8 m/s velocity	4.42	6.85	7.08	6.91	6.85	6.97	6.80	6.91	6.69	6.80	7.34	6.45		6.95	6.87	6.80

Jedličková, Petra (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.96	4.16	5.38	6.62	7.82	9.06	10.30	11.55	12.80	14.09		15.52	8 / 8			
reaction time 0.209 interval		1.20	1.22	1.24	1.20	1.24	1.24	1.25	1.25	1.29	1.43			3.66	3.68	3.79
wind -3.6 m/s velocity	4.39	7.08	6.97	6.85	7.08	6.85	6.85	6.80	6.80	6.59	7.34	6.44		6.97	6.93	6.73

Nakahara, Sana (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)													*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 26-May-24 time	2.90	4.07	5.30	6.52	7.75	8.97	10.20	11.48	12.77	14.08		15.52	5 / 4			
reaction time interval		1.17	1.23	1.22	1.23	1.22	1.23	1.28	1.29	1.31	1.44			3.62	3.68	3.88
wind -1.0 m/s velocity	4.48	7.26	6.91	6.97	6.91	6.97	6.91	6.64	6.59	6.49	6.98	6.44		7.04	6.93	6.57

Žitná, Venuše (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.83	4.04	5.21	6.44	7.68	8.93	10.20	11.53	12.80	14.07		15.53	1 / 3			
reaction time 0.186 interval		1.21	1.17	1.23	1.24	1.25	1.27	1.33	1.27	1.27	1.46			3.61	3.76	3.87
wind -7.3 m/s velocity	4.59	7.02	7.26	6.91	6.85	6.80	6.69	6.39	6.69	6.69	7.19	6.44		7.06	6.78	6.59

Majerová, Denisa (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	3.03	4.23	5.41	6.63	7.85	9.07	10.30	11.53	12.78	14.10		15.55	5 / 5			
reaction time 0.261 interval		1.20	1.18	1.22	1.22	1.22	1.23	1.23	1.25	1.32	1.45			3.60	3.67	3.80
wind -1.3 m/s velocity	4.29	7.08	7.20	6.97	6.97	6.97	6.91	6.91	6.80	6.44	7.24	6.43		7.08	6.95	6.71

Fleischer, Caroline (NOR) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Windsprint (Sundsvall, SWE)													*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time	2.85	4.04	5.22	6.42	7.58	8.80	10.04	11.40	12.70	14.02		15.56	/ 2			
reaction time interval		1.19	1.18	1.20	1.16	1.22	1.24	1.36	1.30	1.32	1.54			3.57	3.62	3.98
wind 0.8 m/s velocity	4.56	7.14	7.20	7.08	7.33	6.97	6.85	6.25	6.54	6.44	6.82	6.43		7.14	7.04	6.41

Kopečná, Kristyna (CZE) (1998)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	2.90	4.08	5.27	6.50	7.75	9.00	10.30	11.60	12.88	14.15		15.59	8 / 6			
reaction time	0.181	interval		1.18	1.19	1.23	1.25	1.25	1.30	1.30	1.28	1.27	1.44			3.60	3.80	3.85
wind	-1.3 m/s	velocity	4.48	7.20	7.14	6.91	6.80	6.80	6.54	6.54	6.64	6.69	7.29	6.41		7.08	6.71	6.62

Otoha, Osaki (JPN)

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-May-22	time	2.90	4.15	5.40	6.60	7.90	9.17	10.40	11.65	12.96	14.25		15.60	4 / 4			
reaction time	interval		1.25	1.25	1.20	1.30	1.27	1.23	1.25	1.31	1.29	1.35			3.70	3.80	3.85
wind -0.4 m/s	velocity	4.48	6.80	6.80	7.08	6.54	6.69	6.91	6.80	6.49	6.59	7.44	6.41		6.89	6.71	6.62

Hysková, Dominika (CZE) (1997)

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-Jun-14	time	3.07	4.27	5.50	6.73	7.95	9.17	10.42	11.65	12.89	14.20		15.64	7 / 5			
reaction time 0.243	interval		1.20	1.23	1.23	1.22	1.22	1.25	1.23	1.24	1.31	1.44			3.66	3.69	3.78
wind -1.8 m/s	velocity	4.23	7.08	6.91	6.91	6.97	6.97	6.80	6.91	6.85	6.49	7.29	6.39		6.97	6.91	6.75

Skálová, Annemarie (CZE) (1996)

FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-Jun-14	time	2.95	4.14	5.36	6.58	7.83	9.07	10.29	11.58	12.90	14.22		15.65	7 / 6			
reaction time 0.241	interval		1.19	1.22	1.22	1.25	1.24	1.22	1.29	1.32	1.32	1.43			3.63	3.71	3.93
wind -3.9 m/s	velocity	4.41	7.14	6.97	6.97	6.80	6.85	6.97	6.59	6.44	6.44	7.34	6.39		7.02	6.87	6.49

Vytlačilová, Tereza (CZE) (1995)

Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-Jun-14	time	2.92	4.13	5.33	6.56	7.81	9.07	10.36	11.65	12.93	14.23		15.67	7 / 4			
reaction time 0.149	interval		1.21	1.20	1.23	1.25	1.26	1.29	1.29	1.28	1.30	1.44			3.64	3.80	3.87
wind -4.5 m/s	velocity	4.45	7.02	7.08	6.91	6.80	6.75	6.59	6.59	6.64	6.54	7.29	6.38		7.01	6.71	6.59

Du Yan (CHN) (2000)

Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 24-Jun-21	time	3.02	4.24	5.47	6.72	7.96	9.21	10.44	11.76	13.03	14.31		15.67	6 / 5			
reaction time 0.259	interval		1.22	1.23	1.25	1.24	1.25	1.23	1.32	1.27	1.28	1.36			3.70	3.72	3.87
wind 0.6 m/s	velocity	4.30	6.97	6.91	6.80	6.85	6.80	6.91	6.44	6.69	6.64	7.39	6.38		6.89	6.85	6.59

Králová, Adéla (CZE) (1996)

Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-Jun-14	time	2.92	4.17	5.35	6.59	7.82	9.07	10.37	11.63	12.94	14.23		15.68	6 / 5			
reaction time 0.178	interval		1.25	1.18	1.24	1.23	1.25	1.30	1.26	1.31	1.29	1.45			3.67	3.78	3.86
wind -4.5 m/s	velocity	4.45	6.80	7.20	6.85	6.91	6.80	6.54	6.75	6.49	6.59	7.24	6.38		6.95	6.75	6.61

Viková, Natálie (CZE) (1998)

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 28-Jun-14	time	2.96	4.22	5.49	6.74	8.01	9.26	10.53	11.78	13.06	14.37		15.69	5 / 6			
reaction time 0.149	interval		1.26	1.27	1.25	1.27	1.25	1.27	1.25	1.28	1.31	1.32			3.78	3.79	3.84
wind -1.8 m/s	velocity	4.39	6.75	6.69	6.80	6.69	6.80	6.69	6.80	6.64	6.49	7.95	6.37		6.75	6.73	6.64

Wen Xiaoyun (CHN) (1999)

Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN) *CAA Hurdle Development (2019)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 08-Jul-19	time	3.15	4.50	5.77	6.99	8.19	9.41	10.61	11.86	13.11	14.36		15.69	5 / 6			
reaction time 0.245	interval		1.35	1.27	1.22	1.20	1.22	1.20	1.25	1.25	1.25	1.33			3.84	3.62	3.75
wind 0.8 m/s	velocity	4.13	6.30	6.69	6.97	7.08	6.97	7.08	6.80	6.80	6.80	7.89	6.37		6.64	7.04	6.80

Ishibashi, Nozomi (JPN)

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 30-May-21	time	2.90	4.13	5.38	6.60	7.85	9.08	10.35	11.65	12.98	14.32		15.70	4 / 3			
reaction time	interval		1.23	1.25	1.22	1.25	1.23	1.27	1.30	1.33	1.34	1.38			3.70	3.75	3.97
wind 1.7 m/s	velocity	4.48	6.91	6.80	6.97	6.80	6.91	6.69	6.54	6.39	6.34	7.28	6.37		6.89	6.80	6.42

Sun Lan (CHN) (2002)

Heptathlon - Heat 2 - 2021 Chinese National Championships (Chongqing, CHN) *CAA Hurdle Development (2021)*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 24-Jun-21	time	2.93	4.14	5.35	6.59	7.80	9.06	10.29	11.60	12.91	14.25		15.70	7 / 6			
reaction time 0.203	interval		1.21	1.21	1.24	1.21	1.26	1.23	1.31	1.31	1.34	1.45			3.66	3.70	3.96
wind 0.6 m/s	velocity	4.44	7.02	7.02	6.85	7.02	6.75	6.91	6.49	6.49	6.34	6.93	6.37		6.97	6.89	6.44

Matsumoto, Haruka (JPN)

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date 30-May-21	time	2.93	4.17	5.40	6.62	7.85	9.10	10.33	11.63	12.93	14.27		15.71	8 / 4			
reaction time	interval		1.24	1.23	1.22	1.23	1.25	1.23	1.30	1.30	1.34	1.44			3.69	3.71	3.94
wind 1.7 m/s	velocity	4.44	6.85	6.91	6.97	6.91	6.80	6.91	6.54	6.54	6.34	6.98	6.37		6.91	6.87	6.47

Nováčková, Olga (CZE) (1992)

Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	3.00	4.22	5.47	6.71	7.93	9.19	10.47	11.78			15.72	7 / 5				
reaction time	0.176	interval		1.22	1.25	1.24	1.22	1.26	1.28	1.31						3.71	3.76	
wind	-1.8 m/s	velocity	4.33	6.97	6.80	6.85	6.97	6.75	6.64	6.49			6.36			6.87	6.78	

Wang Huiqiong (CHN) (1990)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21	time	2.95	4.15	5.35	6.55	7.76	8.97	10.19	11.42	12.74	14.06		15.72	4 / 5			
reaction time 0.217	interval		1.20	1.20	1.20	1.21	1.21	1.22	1.23	1.32	1.32	1.66			3.60	3.64	3.87
wind 0.3 m/s	velocity	4.41	7.08	7.08	7.08	7.02	7.02	6.97	6.91	6.44	6.44	6.05	6.36		7.08	7.01	6.59

Yin Xinyi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19	time	2.95	4.19	5.41	6.62	7.84	9.09	10.38	11.66	12.96	14.28		15.74	8 / 7			
reaction time 0.245	interval		1.24	1.22	1.21	1.22	1.25	1.29	1.28	1.30	1.32	1.46			3.67	3.76	3.90
wind ?? m/s	velocity	4.41	6.85	6.97	7.02	6.97	6.80	6.59	6.64	6.54	6.44	7.19	6.35		6.95	6.78	6.54

Burdová, Magdalena (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.90	4.17	5.40	6.66	7.90	9.18	10.45	11.75	13.03	14.33		15.75	2 / 7			
reaction time 0.180	interval		1.27	1.23	1.26	1.24	1.28	1.27	1.30	1.28	1.30	1.42			3.76	3.79	3.88
wind -1.3 m/s	velocity	4.48	6.69	6.91	6.75	6.85	6.64	6.69	6.54	6.64	6.54	7.39	6.35		6.78	6.73	6.57

Kato, Rina (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)													*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 26-May-24	time	2.85	4.08	5.28	6.52	7.73	9.02	10.28	11.58	12.93	14.30		15.75	8 / 5			
reaction time	interval		1.23	1.20	1.24	1.21	1.29	1.26	1.30	1.35	1.37	1.45			3.67	3.76	4.02
wind -1.0 m/s	velocity	4.56	6.91	7.08	6.85	7.02	6.59	6.75	6.54	6.30	6.20	6.93	6.35		6.95	6.78	6.34

Plíhalová, Katerina (CZE) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.94	4.19	5.43	6.66	7.89	9.13	10.40	11.69	12.98	14.30		15.79	8 / 8			
reaction time 0.343	interval		1.25	1.24	1.23	1.23	1.24	1.27	1.29	1.29	1.32	1.49			3.72	3.74	3.90
wind 0.2 m/s	velocity	4.42	6.80	6.85	6.91	6.91	6.85	6.69	6.59	6.59	6.44	7.05	6.33		6.85	6.82	6.54

Oshita, Airi (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 28-May-17	time	2.87	4.10	5.30	6.57	7.87	9.13	10.37	11.70	13.00	14.30		15.80	6 / 3			
reaction time	interval		1.23	1.20	1.27	1.30	1.26	1.24	1.33	1.30	1.30	1.50			3.70	3.80	3.93
wind 2.6 m/s	velocity	4.53	6.91	7.08	6.69	6.54	6.75	6.85	6.39	6.54	6.54	6.70	6.33		6.89	6.71	6.49

McNeal, Brianna (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis)													*Henson (2020) - Athlete First: 2018 year end hurdle report*			
date 31-May-18	time	2.48	3.60	4.90									15.80	5 / 9			
reaction time 0.155	interval		1.12	1.30													
wind 0.0 m/s	velocity	5.24	7.59	6.54													

Otoha, Osaki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Shimane High School Championships (Izumo, JPN)													*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 30-May-21	time	2.95	4.20	5.45	6.72	7.95	9.22	10.47	11.77	13.08	14.40		15.80	7 / 5			
reaction time	interval		1.25	1.25	1.27	1.23	1.27	1.25	1.30	1.31	1.32	1.40			3.77	3.75	3.93
wind 1.7 m/s	velocity	4.41	6.80	6.80	6.69	6.91	6.69	6.80	6.54	6.49	6.44	7.18	6.33		6.76	6.80	6.49

Yin Xinyi (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	2.95	4.17	5.37	6.57	7.81	9.06	10.31	11.63	12.93	14.31		15.81	4 / 8			
reaction time 0.176	interval		1.22	1.20	1.20	1.24	1.25	1.25	1.32	1.30	1.38	1.50	PB		3.62	3.74	4.00
wind 0.1 m/s	velocity	4.41	6.97	7.08	7.08	6.85	6.80	6.80	6.44	6.54	6.16	7.00	6.33		7.04	6.82	6.38

Zhang Yali (CHN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19	time	3.08	4.34	5.63	6.89	8.16	9.40	10.66	11.93	13.23	14.53		15.82	7 / 7			
reaction time 0.219	interval		1.26	1.29	1.26	1.27	1.24	1.26	1.27	1.30	1.30	1.29	PB		3.81	3.77	3.87
wind 0.8 m/s	velocity	4.22	6.75	6.59	6.75	6.69	6.85	6.75	6.69	6.54	6.54	8.14	6.32		6.69	6.76	6.59

Matsuura, Hikari (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Shimane High School Championships (Izumo, JPN)													*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 28-May-22	time	2.90	4.10	5.33	6.58	7.82	9.07	10.35	11.63	12.95	14.35		15.84	8 / 5			
reaction time	interval		1.20	1.23	1.25	1.24	1.25	1.28	1.28	1.32	1.40	1.49			3.68	3.77	4.00
wind -0.4 m/s	velocity	4.48	7.08	6.91	6.80	6.85	6.80	6.64	6.64	6.44	6.07	6.74	6.31		6.93	6.76	6.38

Liu Xinyao (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 National Grand Prix (Chengdu, CHN)													*CAA Hurdle Development (2021)*			
date 02-Apr-21	time	2.92	4.14	5.44	6.72	7.98	9.24	10.50	11.78	13.10	14.42		15.90	7 / 5			

reaction time	0.183	interval		1.22	1.30	1.28	1.26	1.26	1.26	1.28	1.32	1.32	1.48				3.80	3.78	3.92
wind	1.0 m/s	velocity	4.45	6.97	6.54	6.64	6.75	6.75	6.75	6.64	6.44	6.44	6.79	6.29			6.71	6.75	6.51

Takada, Natsuki (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Shimane High School Championships (Izumo, JPN)													*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 26-May-19 time	2.88	4.10	5.32	6.55	7.79	9.02	10.36	11.67	13.04	14.41		15.91	7 / 3			
reaction time interval		1.22	1.22	1.23	1.24	1.23	1.34	1.31	1.37	1.37	1.50			3.67	3.81	4.05
wind 1.9 m/s velocity	4.51	6.97	6.97	6.91	6.85	6.91	6.34	6.49	6.20	6.20	6.70	6.29		6.95	6.69	6.30

Pu Jing (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Championships (Shenyang, CHN)													*CAA Hurdle Development (2019)*			
date 08-Jul-19 time	3.02	4.35	5.65	6.94	8.15	9.40	10.66	11.94	13.25	14.57		15.93	8 / 8			
reaction time 0.213 interval		1.33	1.30	1.29	1.21	1.25	1.26	1.28	1.31	1.32	1.36			3.92	3.72	3.91
wind 0.8 m/s velocity	4.30	6.39	6.54	6.59	7.02	6.80	6.75	6.64	6.49	6.44	7.72	6.28		6.51	6.85	6.52

Reháková, Karolína (CZE) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.96	4.20	5.48	6.74	8.01	9.29	10.63	11.93	13.23	14.57		15.94	1 / 6			
reaction time 0.233 interval		1.24	1.28	1.26	1.27	1.28	1.34	1.30	1.30	1.34	1.37			3.78	3.89	3.94
wind -4.5 m/s velocity	4.39	6.85	6.64	6.75	6.69	6.64	6.34	6.54	6.54	6.34	7.66	6.27		6.75	6.56	6.47

Liu Miao (CHN) (2003)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
date 24-Jun-21 time	3.00	4.24	5.48	6.72	7.97	9.24	10.49	11.78	13.11	14.45		15.95	6 / 6			
reaction time 0.258 interval		1.24	1.24	1.24	1.25	1.27	1.25	1.29	1.33	1.34	1.50			3.72	3.77	3.96
wind 0.3 m/s velocity	4.33	6.85	6.85	6.85	6.80	6.69	6.80	6.59	6.39	6.34	6.70	6.27		6.85	6.76	6.44

Švehláková, Eva (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	3.01	4.27	5.54	6.81	8.08	9.38	10.66	11.95	13.23	14.55		15.98	1 / 8			
reaction time 0.239 interval		1.26	1.27	1.27	1.27	1.30	1.28	1.29	1.28	1.32	1.43			3.80	3.85	3.89
wind -1.3 m/s velocity	4.32	6.75	6.69	6.69	6.69	6.54	6.64	6.59	6.64	6.44	7.34	6.26		6.71	6.62	6.56

Pu Jing (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heptathlon - Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN)													*CAA Hurdle Development (2019)*			
date 23-Aug-19 time	3.02	4.29	5.57	6.81	8.09	9.38	10.68	11.98	13.30	14.62		15.99	3 / 7			
reaction time 0.207 interval		1.27	1.28	1.24	1.28	1.29	1.30	1.30	1.32	1.32	1.37			3.79	3.87	3.94
wind ?? m/s velocity	4.30	6.69	6.64	6.85	6.64	6.59	6.54	6.54	6.44	6.44	7.66	6.25		6.73	6.59	6.47

Plíhalová, Katerina (CZE) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)													*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.99	4.30	5.58	6.85	8.09	9.40				14.58		16.03	7 / 6			
reaction time 0.210 interval		1.31	1.28	1.27	1.24	1.31					1.45			3.86		
wind -0.9 m/s velocity	4.35	6.49	6.64	6.69	6.85	6.49					7.24	6.24		6.61		

Jarešová, Lucie (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.95	4.17	5.41	6.67	7.95	9.20	10.50	11.82	13.13	14.50		16.04	2 / 7			
reaction time 0.198 interval		1.22	1.24	1.26	1.28	1.25	1.30	1.32	1.31	1.37	1.54			3.72	3.83	4.00
wind -1.8 m/s velocity	4.41	6.97	6.85	6.75	6.64	6.80	6.54	6.44	6.49	6.20	6.82	6.23		6.85	6.66	6.38

Rákosníková, Iveta (CZE) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.92	4.13	5.36	6.61	7.87	9.16	10.46	11.79	13.11	14.48		16.04	8 / 4			
reaction time 0.192 interval		1.21	1.23	1.25	1.26	1.29	1.30	1.33	1.32	1.37	1.56			3.69	3.85	4.02
wind -7.3 m/s velocity	4.45	7.02	6.91	6.80	6.75	6.59	6.54	6.39	6.44	6.20	6.73	6.23		6.91	6.62	6.34

Dai, Yuno (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Shimane High School Championships (Izumo, JPN)													*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 28-May-22 time	2.87	4.08	5.28	6.55	7.80	9.05	10.32	11.62	12.90	14.52		16.08	9 / 6			
reaction time interval		1.21	1.20	1.27	1.25	1.25	1.27	1.30	1.28	1.62	1.56			3.68	3.77	4.20
wind -0.4 m/s velocity	4.53	7.02	7.08	6.69	6.80	6.80	6.69	6.54	6.64	5.25	6.44	6.22		6.93	6.76	6.07

Obayashi, Risako (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Shimane High School Championships (Izumo, JPN)													*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 28-May-17 time	2.83	4.03	5.27	6.53	7.83	9.13	10.47	11.77	13.10	14.50		16.10	8 / 4			
reaction time interval		1.20	1.24	1.26	1.30	1.30	1.34	1.30	1.33	1.40	1.60			3.70	3.94	4.03
wind 2.6 m/s velocity	4.59	7.08	6.85	6.75	6.54	6.54	6.34	6.54	6.39	6.07	6.28	6.21		6.89	6.47	6.33

Yoshiho, Ichikawa (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)													*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 26-May-24 time	2.92	4.17	5.40	6.65	7.93	9.23	10.53	11.85	13.23	14.62		16.11	9 / 6			
reaction time interval		1.25	1.23	1.25	1.28	1.30	1.30	1.32	1.38	1.39	1.49			3.73	3.88	4.09

wind	-1.0 m/s	velocity	4.45	6.80	6.91	6.80	6.64	6.54	6.54	6.44	6.16	6.12	6.74	6.21		6.84	6.57	6.23

Matsuura, Hikari (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)															*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date	30-May-21	time	2.88	4.12	5.35	6.62	7.88	9.17	10.47	11.83	13.23	14.68		16.18	5 / 6			
reaction time		interval		1.24	1.23	1.27	1.26	1.29	1.30	1.36	1.40	1.45	1.50			3.74	3.85	4.21
wind	1.7 m/s	velocity	4.51	6.85	6.91	6.69	6.75	6.59	6.54	6.25	6.07	5.86	6.70	6.18		6.82	6.62	6.06

Yoshiho, Ichikawa (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)															*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time	2.90	4.15	5.40	6.67	7.92	9.20	10.50	11.83	13.18	14.68		16.20	3 / 3			
reaction time		interval		1.25	1.25	1.27	1.25	1.28	1.30	1.33	1.35	1.50	1.52			3.77	3.83	4.18
wind	-0.2 m/s	velocity	4.48	6.80	6.80	6.69	6.80	6.64	6.54	6.39	6.30	5.67	6.61	6.17		6.76	6.66	6.10

Ueki, Kyoka (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Shimane High School Championships (Izumo, JPN)															*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date	11-Jul-20	time	2.85	4.07	5.32	6.58	7.85	9.13	10.47	11.85	13.23	14.68		16.23	6 / 2			
reaction time		interval		1.22	1.25	1.26	1.27	1.28	1.34	1.38	1.38	1.45	1.55			3.73	3.89	4.21
wind	0.4 m/s	velocity	4.56	6.97	6.80	6.75	6.69	6.64	6.34	6.16	6.16	5.86	6.48	6.16		6.84	6.56	6.06

Matsumoto, Haruka (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2020 Shimane High School Championships (Izumo, JPN)															*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date	11-Jul-20	time	2.87	4.07	5.30	6.52	7.78	9.08	10.42	11.78	13.18	14.73		16.23	1 / 3			
reaction time		interval		1.20	1.23	1.22	1.26	1.30	1.34	1.36	1.40	1.55	1.50			3.65	3.90	4.31
wind	0.4 m/s	velocity	4.53	7.08	6.91	6.97	6.75	6.54	6.34	6.25	6.07	5.48	6.70	6.16		6.99	6.54	5.92

Čaladi, Tereza (CZE) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.04	4.27	5.51	6.78	8.03	9.32	10.65	11.96	13.33	14.70		16.26	3 / 4			
reaction time	0.195	interval		1.23	1.24	1.27	1.25	1.29	1.33	1.31	1.37	1.37	1.56			3.74	3.87	4.05
wind	-1.5 m/s	velocity	4.28	6.91	6.85	6.69	6.80	6.59	6.39	6.49	6.20	6.20	6.73	6.15		6.82	6.59	6.30

Obayashi, Risako (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)															*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	27-May-18	time	2.93	4.23	5.48	6.75	8.05	9.35	10.67	12.02	13.40	14.80		16.32	7 / 5			
reaction time		interval		1.30	1.25	1.27	1.30	1.30	1.32	1.35	1.38	1.40	1.52			3.82	3.92	4.13
wind	1.2 m/s	velocity	4.44	6.54	6.80	6.69	6.54	6.54	6.44	6.30	6.16	6.07	6.61	6.13		6.68	6.51	6.17

Takahashi, Aoi (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Shimane High School Championships (Izumo, JPN)															*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time	2.95	4.20	5.52	6.80	8.08	9.40	10.75	12.10	13.52	14.93		16.34	3 / 7			
reaction time		interval		1.25	1.32	1.28	1.28	1.32	1.35	1.35	1.42	1.41	1.41			3.85	3.95	4.18
wind	-1.0 m/s	velocity	4.41	6.80	6.44	6.64	6.64	6.44	6.30	6.30	5.99	6.03	7.13	6.12		6.62	6.46	6.10

Májová, Veronika (CZE) (1998)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.88	4.09	5.31	6.55	7.85	9.14	10.57	11.95	13.37	14.79		16.40	4 / 5			
reaction time	0.168	interval		1.21	1.22	1.24	1.30	1.29	1.43	1.38	1.42	1.42	1.61			3.67	4.02	4.22
wind	-7.3 m/s	velocity	4.51	7.02	6.97	6.85	6.54	6.59	5.94	6.16	5.99	5.99	6.52	6.10		6.95	6.34	6.04

Dai, Yuno (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)															*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date	30-May-21	time	2.90	4.12	5.38	6.67	7.93	9.27	10.58	11.93	13.32	14.92		16.44	1 / 7			
reaction time		interval		1.22	1.26	1.29	1.26	1.34	1.31	1.35	1.39	1.60	1.52			3.77	3.91	4.34
wind	1.7 m/s	velocity	4.48	6.97	6.75	6.59	6.75	6.34	6.49	6.30	6.12	5.31	6.61	6.08		6.76	6.52	5.88

Hlavonová, Michaela (CZE) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.88	4.13	5.45	6.72	8.11	9.42	10.84	12.15	13.55	14.89		16.45	2 / 7			
reaction time	0.140	interval		1.25	1.32	1.27	1.39	1.31	1.42	1.31	1.40	1.34	1.56			3.84	4.12	4.05
wind	-4.5 m/s	velocity	4.51	6.80	6.44	6.69	6.12	6.49	5.99	6.49	6.07	6.34	6.73	6.08		6.64	6.19	6.30

Votinská, Barbora (CZE) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.04	4.37	5.69	7.00	8.28	9.59	10.91	12.25	13.62	15.04		16.48	1 / 5			
reaction time	0.156	interval		1.33	1.32	1.31	1.28	1.31	1.32	1.34	1.37	1.42	1.44			3.96	3.91	4.13
wind	-1.5 m/s	velocity	4.28	6.39	6.44	6.49	6.64	6.49	6.44	6.34	6.20	5.99	7.29	6.07		6.44	6.52	6.17

Kaneko, Ei (JPN)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)															*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time	2.92	4.13	5.38	6.68	8.02	9.40	10.88	12.30	13.70	15.07		16.49	7 / 4			
reaction time		interval		1.21	1.25	1.30	1.34	1.38	1.48	1.42	1.40	1.37	1.42			3.76	4.20	4.19
wind	-0.2 m/s	velocity	4.45	7.02	6.80	6.54	6.34	6.16	5.74	5.99	6.07	6.20	7.08	6.06		6.78	6.07	6.09

Nakamura, Mikoto (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Shimane High School Championships (Izumo, JPN)															*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time	2.82	4.07	5.28	6.55	7.85	9.18	10.57	12.02	13.48	14.95		16.52	2 / 8			
reaction time		interval		1.25	1.21	1.27	1.30	1.33	1.39	1.45	1.46	1.47	1.57			3.73	4.02	4.38
wind	-1.0 m/s	velocity	4.61	6.80	7.02	6.69	6.54	6.39	6.12	5.86	5.82	5.78	6.40	6.05		6.84	6.34	5.82

Takada, Natsuki (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Shimane High School Championships (Izumo, JPN)															*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	27-May-18	time	2.95	4.23	5.50	6.80	8.10	9.42	10.77	12.12	13.53	15.03		16.61	1 / 6			
reaction time		interval		1.28	1.27	1.30	1.30	1.32	1.35	1.35	1.41	1.50	1.58			3.85	3.97	4.26
wind	1.2 m/s	velocity	4.41	6.64	6.69	6.54	6.54	6.44	6.30	6.30	6.03	5.67	6.36	6.02		6.62	6.42	5.99

Wang Yingjie (CHN) (2003)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Central China Athletics Meeting (Ji'an, CHN)															*CAA Hurdle Development (2021)*			
date	11-May-21	time	2.97	4.27						12.31	13.73	15.18		16.67	9 / 7			
reaction time		interval		1.30						8.04	1.42	1.45	1.49					
wind	-0.6 m/s	velocity	4.38	6.54						5.29	5.99	5.86	6.74	6.00				

Králová, Adéla (CZE) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.99	4.22	5.47	6.69	7.96	9.20	10.56	11.93	13.37	14.94		16.68	8 / 7			
reaction time	0.220	interval		1.23	1.25	1.22	1.27	1.24	1.36	1.37	1.44	1.57	1.74			3.70	3.87	4.38
wind	-3.9 m/s	velocity	4.35	6.91	6.80	6.97	6.69	6.85	6.25	6.20	5.90	5.41	6.03	6.00		6.89	6.59	5.82

Nakahara, Sana (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)															*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time	3.03	4.30	5.60	6.87	8.17	9.47	10.80	12.18	13.67	15.15		16.68	8 / 5			
reaction time		interval		1.27	1.30	1.27	1.30	1.30	1.33	1.38	1.49	1.48	1.53			3.84	3.93	4.35
wind	-0.2 m/s	velocity	4.29	6.69	6.54	6.69	6.54	6.54	6.39	6.16	5.70	5.74	6.57	6.00		6.64	6.49	5.86

Matsuura, Hikari (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)															*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time	2.90	4.17	5.42	6.68	7.97	9.25	10.53	11.88	13.25	14.93		16.71	5 / 6			
reaction time		interval		1.27	1.25	1.26	1.29	1.28	1.28	1.35	1.37	1.68	1.78			3.78	3.85	4.40
wind	-0.2 m/s	velocity	4.48	6.69	6.80	6.75	6.59	6.64	6.64	6.30	6.20	5.06	5.65	5.98		6.75	6.62	5.80

Remešová, Dominika (CZE) (1996)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.04	4.27	5.57	6.83	8.10	9.42	10.75	12.09	13.47	15.08		16.79	2 / 6			
reaction time	0.225	interval		1.23	1.30	1.26	1.27	1.32	1.33	1.34	1.38	1.61	1.71			3.79	3.92	4.33
wind	-1.5 m/s	velocity	4.28	6.91	6.54	6.75	6.69	6.44	6.39	6.34	6.16	5.28	6.14	5.96		6.73	6.51	5.89

Valášková, Tereza (CZE) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.84	4.06	5.31	6.62	8.00	9.35	10.73	12.14	13.63	15.09		16.82	6 / 6			
reaction time	0.166	interval		1.22	1.25	1.31	1.38	1.35	1.38	1.41	1.49	1.46	1.73			3.78	4.11	4.36
wind	-7.3 m/s	velocity	4.58	6.97	6.80	6.49	6.16	6.30	6.16	6.03	5.70	5.82	6.07	5.95		6.75	6.20	5.85

Rašková, Adéla (CZE) (1998)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)															*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.08	4.44	5.77	7.13	8.48	9.87	11.21	12.61	13.97	15.36		16.83	6 / 8			
reaction time	0.210	interval		1.36	1.33	1.36	1.35	1.39	1.34	1.40	1.36	1.39	1.47			4.05	4.08	4.15
wind	-1.8 m/s	velocity	4.22	6.25	6.39	6.25	6.30	6.12	6.34	6.07	6.25	6.12	7.14	5.94		6.30	6.25	6.14

Ito, Ayano (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Shimane High School Championships (Izumo, JPN)															*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	26-May-19	time	2.90	4.22	5.57	6.92	8.30	9.69	11.12	12.59	14.01	15.39		16.89	8 / 4			
reaction time		interval		1.32	1.35	1.35	1.38	1.39	1.43	1.47	1.42	1.38	1.50			4.02	4.20	4.27
wind	1.9 m/s	velocity	4.48	6.44	6.30	6.30	6.16	6.12	5.94	5.78	5.99	6.16	6.70	5.92		6.34	6.07	5.97

Nakamura, Nene (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Shimane High School Championships (Izumo, JPN)															*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date	11-Jul-20	time	2.88	4.08	5.35	6.63	7.95	9.33	10.72	12.20	13.78	15.28		16.91	5 / 4			
reaction time		interval		1.20	1.27	1.28	1.32	1.38	1.39	1.48	1.58	1.50	1.63			3.75	4.09	4.56
wind	0.4 m/s	velocity	4.51	7.08	6.69	6.64	6.44	6.16	6.12	5.74	5.38	5.67	6.17	5.91		6.80	6.23	5.59

Nakamura, Yoshika (JPN)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Shimane High School Championships (Izumo, JPN)															*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	26-May-19	time	2.88	4.17	5.45	6.77	8.07	9.40	10.77	12.19	13.81	15.34		16.95	2 / 5			
reaction time		interval		1.29	1.28	1.32	1.30	1.33	1.37	1.42	1.62	1.53	1.61			3.89	4.00	4.57
wind	1.9 m/s	velocity	4.51	6.59	6.64	6.44	6.54	6.39	6.20	5.99	5.25	5.56	6.24	5.90		6.56	6.38	5.58

Takahashi, Mihiro (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)													*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 28-May-23	time	2.92	4.18	5.52	6.95	8.42	9.85	11.23	12.63	14.00	15.45		17.07	1 / 7			
reaction time	interval		1.26	1.34	1.43	1.47	1.43	1.38	1.40	1.37	1.45	1.62			4.03	4.28	4.22
wind -0.2 m/s	velocity	4.45	6.75	6.34	5.94	5.78	5.94	6.16	6.07	6.20	5.86	6.20	5.86		6.33	5.96	6.04

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 USA Olympic Trials (Eugene, OR) (TV Analysis)													*Henson (2020) - Athlete First: 2016 year end hurdle report*			
date 08-Jul-16	time	2.53	3.53	4.50	5.48	6.44	7.40	8.37	9.34	10.34	11.31		17.13	7 / 8			
reaction time 0.190	interval		1.00	0.97	0.98	0.96	0.96	0.97	0.97	1.00	0.97	5.82			2.95	2.89	2.94
wind 1.2 m/s	velocity	5.14	8.50	8.76	8.67	8.85	8.85	8.76	8.76	8.50	8.76	1.80	5.84		8.64	8.82	8.67

Maihara, Kaede (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Shimane High School Championships (Izumo, JPN)													*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 26-May-19	time	2.95	4.35	5.72	7.12	8.49	9.84	11.27	12.71	14.17	15.67		17.25	3 / 6			
reaction time	interval		1.40	1.37	1.40	1.37	1.35	1.43	1.44	1.46	1.50	1.58			4.17	4.15	4.40
wind 1.9 m/s	velocity	4.41	6.07	6.20	6.07	6.20	6.30	5.94	5.90	5.82	5.67	6.36	5.80		6.12	6.14	5.80

Malá, Patricie (CZE) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) (76cm)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.98	4.25	5.56	6.87	8.25	9.65	11.07	12.51	14.14	15.75		17.31	3 / 7			
reaction time 0.141	interval		1.27	1.31	1.31	1.38	1.40	1.42	1.44	1.63	1.61	1.56			3.89	4.20	4.68
wind -7.3 m/s	velocity	4.36	6.69	6.49	6.49	6.16	6.07	5.99	5.90	5.21	5.28	6.73	5.78		6.56	6.07	5.45

Landová, Barbora (CZE) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2014 Czech Republic National Championships (Ostrava, CZE)													*Feher (2014) - Final report from the Czech Republic national championships*			
date 02-Aug-14	time	2.94	4.20	5.48	6.78	8.06	9.39	10.73	12.23	13.69	15.40		17.33	1 / 8			
reaction time 0.170	interval		1.26	1.28	1.30	1.28	1.33	1.34	1.50	1.46	1.71	1.93			3.84	3.95	4.67
wind -1.0 m/s	velocity	4.42	6.75	6.64	6.54	6.64	6.39	6.34	5.67	5.82	4.97	5.44	5.77		6.64	6.46	5.46

Nishikiori, Reina (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Shimane High School Championships (Izumo, JPN)													*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20	time	2.93	4.18	5.47	6.78	8.12	9.48	10.85	12.28	13.77	15.32		17.43	7 / 5			
reaction time	interval		1.25	1.29	1.31	1.34	1.36	1.37	1.43	1.49	1.55	2.11			3.85	4.07	4.47
wind 0.4 m/s	velocity	4.44	6.80	6.59	6.49	6.34	6.25	6.20	5.94	5.70	5.48	4.76	5.74		6.62	6.27	5.70

Fujiwara, Miho (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Shimane High School Championships (Izumo, JPN)													*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 30-May-21	time	3.05	4.42	5.80	7.22	8.65	10.07	11.55	13.00	14.45	15.92		17.44	2 / 8			
reaction time	interval		1.37	1.38	1.42	1.43	1.42	1.48	1.45	1.45	1.47	1.52			4.17	4.33	4.37
wind 1.7 m/s	velocity	4.26	6.20	6.16	5.99	5.94	5.99	5.74	5.86	5.86	5.78	6.61	5.73		6.12	5.89	5.84

Oka, Yuka (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Shimane High School Championships (Izumo, JPN)													*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 28-May-23	time	3.12	4.53	5.93	7.38	8.85	10.28	11.77	13.20	14.68	16.17		17.77	2 / 8			
reaction time	interval		1.41	1.40	1.45	1.47	1.43	1.49	1.43	1.48	1.49	1.60			4.26	4.39	4.40
wind -0.2 m/s	velocity	4.17	6.03	6.07	5.86	5.78	5.94	5.70	5.94	5.74	5.70	6.28	5.63		5.99	5.81	5.80

Fujiwara, Miho (JPN)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 Shimane High School Championships (Izumo, JPN)													*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20	time	3.05	4.43	5.85	7.33	8.82	10.30	11.78	13.28	14.78	16.32		17.89	2 / 6			
reaction time	interval		1.38	1.42	1.48	1.49	1.48	1.48	1.50	1.50	1.54	1.57			4.28	4.45	4.54
wind 0.4 m/s	velocity	4.26	6.16	5.99	5.74	5.70	5.74	5.74	5.67	5.67	5.52	6.40	5.59		5.96	5.73	5.62

Jenneke, Michelle (AUS) (1993)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date 07-Aug-24	time	2.42	3.46	4.48	9.12	11.15	12.71	14.24	15.77	17.32	18.91		20.85	4 / 8			
reaction time 0.140	interval		1.04	1.02	4.64	2.03	1.56	1.53	1.53	1.55	1.59	1.94			6.70	5.12	4.67
wind 0.8 m/s	velocity	5.37	8.17	8.33	1.83	4.19	5.45	5.56	5.56	5.48	5.35	5.18	4.80		3.81	4.98	5.46

Harrison, Michelle (CAN) (1992)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis)													*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 07-Aug-22	time	2.60	3.62	4.64	5.66	6.68	7.66	8.66	9.70	10.76	11.82		25.13	2 / 8			
reaction time 0.126	interval		1.02	1.02	1.02	1.02	0.98	1.00	1.04	1.06	1.06	13.31			3.06	3.00	3.16
wind -0.2 m/s	velocity	5.00	8.33	8.33	8.33	8.33	8.67	8.50	8.17	8.02	8.02	0.76	3.98		8.33	8.50	8.07

Robinson, TeJyrica (USA) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 NCAA Championships (Eugene, OR) (TV Analysis)													*Henson (2021) - Athlete First: 2021 year end hurdle report*			
date 12-Jun-21	time	2.48	3.50	4.50	5.47	6.47	7.47	8.50	9.51	10.60	11.68		29.11	3 / 8			
reaction time 0.152	interval		1.02	1.00	0.97	1.00	1.00	1.03	1.01	1.09	1.08	17.43			2.99	3.03	3.18
wind 0.4 m/s	velocity	5.24	8.33	8.50	8.76	8.50	8.50	8.25	8.42	7.80	7.87	0.58	3.44		8.53	8.42	8.02

Narozhilenko, Ludmila (URS) (1964)

H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	29-Sep-88	time	2.67	3.71	4.71	5.70	6.67	7.65	8.63	9.63	10.63	dnf	5 / --		
reaction time	0.163	interval		1.04	1.00	0.99	0.97	0.98	0.98	1.00	1.00			3.03	2.93
wind	0.4 m/s	velocity	4.87	8.17	8.50	8.59	8.76	8.67	8.67	8.50	8.50			8.42	8.70

Kamani, Nzingah (USA) (1978)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1996 USATF National Junior Championships (Delaware, OH) *USATF Women's Sprint Development (1996)*																
date	29-Jun-96	time	2.67	3.80	4.98							dnf	1 / --			
reaction time		interval		1.13	1.18											
wind	-2.5 m/s	velocity	4.87	7.52	7.20											

Likhuta, Yauhenia (BLR) (1981)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*													/ --			
date	24-Jun-01	time	2.72	3.79	4.90	5.98	7.03	8.16	9.28							
reaction time	0.151	interval		1.07	1.11	1.08	1.05	1.13	1.12			DQ		3.26	3.30	
wind	0.6 m/s	velocity	4.78	7.94	7.66	7.87	8.10	7.52	7.59					7.82	7.73	

Rajmová, Katerina (CZE) (1989)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*																
date	15-Jun-13	time	2.81	3.99	5.13	6.28	7.45	8.61	9.75	10.95	12.24		2 / --			
reaction time	0.144	interval		1.18	1.14	1.15	1.17	1.16	1.14	1.20	1.29	DQ		3.47	3.47	
wind	-1.0 m/s	velocity	4.63	7.20	7.46	7.39	7.26	7.33	7.46	7.08	6.59			7.35	7.35	

Dutkiewicz, Pamela (GER) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*																
date	07-Jul-16	time	2.60									dnf	9 / --			
reaction time	0.145	interval														
wind	-0.7 m/s	velocity	5.00													

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2016 year end hurdle report*																
date	22-Jul-16	time	2.52	3.52	4.50	5.50						dnf	4 / --			
reaction time	0.132	interval		1.00	0.98	1.00								2.98		
wind	0.3 m/s	velocity	5.16	8.50	8.67	8.50								8.56		

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*																
date	09-Jul-17	time	2.50	3.50	4.48	5.44	6.40	7.36	8.34	9.30	10.30	dnf	6 / --			
reaction time	0.124	interval		1.00	0.98	0.96	0.96	0.96	0.98	0.96	1.00			2.94	2.90	
wind	0.2 m/s	velocity	5.20	8.50	8.67	8.85	8.85	8.85	8.67	8.85	8.50			8.67	8.79	

Castlin, Kristi (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2017 year end hurdle report*																
date	09-Jul-17	time	2.56	3.80	5.12							dnf	2 / --			
reaction time	0.128	interval		1.24	1.32											
wind	0.2 m/s	velocity	5.08	6.85	6.44											

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (TV Analysis) *Henson (2020) - Athlete First: 2018 year end hurdle report*																
date	09-Jul-18	time	2.68									dnf	8 / 8			
reaction time		interval														
wind	0.9 m/s	velocity	4.85													

Deng Xuelin (CHN) (1998)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, CHN) *CAA Hurdle Development (2019)*																
date	09-Apr-19	time	2.76	3.84	4.89	5.94	7.00	8.04	9.09	10.20			8 / --			
reaction time	0.234	interval		1.08	1.05	1.05	1.06	1.04	1.05	1.11		DQ		3.18	3.15	
wind	0.1 m/s	velocity	4.71	7.87	8.10	8.10	8.02	8.17	8.10	7.66				8.02	8.10	

McReynolds, Tiffani (USA) (1991)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*																
date	20-Jul-19	time	2.48	3.52	4.50	5.48	6.48	7.48				dnf	2 / --			
reaction time	0.153	interval		1.04	0.98	0.98	1.00	1.00				DQ		3.00		
wind	0.8 m/s	velocity	5.24	8.17	8.67	8.67	8.50	8.50						8.50		

Yao Hui (CHN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*																
date	23-Aug-19	time	2.75	3.90	5.12							dnf	3 / --			
reaction time	0.200	interval		1.15	1.22											
wind	-0.2 m/s	velocity	4.73	7.39	6.97											

Wang Li (CHN) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, CHN) *CAA Hurdle Development (2019)*																

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reaction time	0.145	interval		1.02	1.00	0.93	0.96	0.94	0.96	1.01			DQ		2.95	2.86	
wind	2.5 m/s	velocity	5.31	8.33	8.50	9.14	8.85	9.04	8.85	8.42					8.64	8.92	

Ali, Nia (USA) (1988)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date 23-Jul-22 time	2.46	3.46	4.46	5.44	6.42	7.40	8.38	9.36	10.34	11.53		dnf	5 / --			
reaction time 0.130 interval		1.00	1.00	0.98	0.98	0.98	0.98	0.98	0.98	1.19		DQ		2.98	2.94	3.15
wind -0.3 m/s velocity	5.28	8.50	8.50	8.67	8.67	8.67	8.67	8.67	8.67	7.14				8.56	8.67	8.10

Mucci, Celeste (AUS) (1999)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date 24-Jul-22 time	2.54	3.63	4.65	5.63	6.63	7.63	8.63	9.66	10.70			dnf	1 / --			
reaction time 0.143 interval		1.09	1.02	0.98	1.00	1.00	1.00	1.03	1.04			DQ		3.09	3.00	
wind -0.1 m/s velocity	5.12	7.80	8.33	8.67	8.50	8.50	8.50	8.25	8.17					8.25	8.50	

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis)												*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date 08-Aug-22 time	2.58	3.63	4.63	5.60	6.60	7.60	8.60	9.60				dnf	3 / --			
reaction time 0.165 interval		1.05	1.00	0.97	1.00	1.00	1.00	1.00				DQ		3.02	3.00	
wind 2.4 m/s velocity	5.04	8.10	8.50	8.76	8.50	8.50	8.50	8.50						8.44	8.50	

Wu Yanni (CHN) (1997)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)												*Shandong Athletics Sport Science (2023)*				
date 27-May-23 time	2.62											dnf	4 / --			
reaction time interval																
wind -1.2 m/s velocity	4.96															

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis)												*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date 24-Jun-23 time	2.60	3.63	4.67	5.67	6.65	7.65	8.67	9.76	11.08			dnf	7 / --			
reaction time 0.201 interval		1.03	1.04	1.00	0.98	1.00	1.02	1.09	1.32					3.07	3.00	
wind 2.8 m/s velocity	5.00	8.25	8.17	8.50	8.67	8.50	8.33	7.80	6.44					8.31	8.50	

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis)												*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date 23-Aug-23 time	2.46	3.48	4.57	5.84	7.05							dnf	4 / --			
reaction time 0.152 interval		1.02	1.09	1.27	1.21									3.38		
wind -0.7 m/s velocity	5.28	8.33	7.80	6.69	7.02									7.54		

Webster, Alexandra (USA) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 NCAA Championships (Eugene, OR) (TV Analysis)												*Henson (2024) - Athlete First: 2024 year end hurdle report*				
date 08-Jun-24 time	2.67	3.71	4.74	5.75	6.75	7.76	8.74	9.72	10.71			dnf	1 / 9			
reaction time interval		1.04	1.03	1.01	1.00	1.01	0.98	0.98	0.99					3.08	2.99	
wind -0.5 m/s velocity	4.87	8.17	8.25	8.42	8.50	8.42	8.67	8.67	8.59					8.28	8.53	

Morrison, Ebony (LBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*				
date 09-Aug-24 time	2.41	3.48	4.49	5.49	6.48	7.46	8.45	9.49	11.27	17.21			2 / --			
reaction time 0.138 interval		1.07	1.01	1.00	0.99	0.98	0.99	1.04	1.78	5.94		DQ		3.08	2.96	8.76
wind 0.5 m/s velocity	5.39	7.94	8.42	8.50	8.59	8.67	8.59	8.17	4.78	1.43				8.28	8.61	2.91

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*				
date 09-Aug-24 time	2.47	3.52	4.52	5.49	6.44	7.41	8.40	9.42				dnf	8 / --			
reaction time 0.139 interval		1.05	1.00	0.97	0.95	0.97	0.99	1.02						3.02	2.91	
wind -0.7 m/s velocity	5.26	8.10	8.50	8.76	8.95	8.76	8.59	8.33						8.44	8.76	

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*				
date 10-Aug-24 time	2.39	3.50	4.59	5.59	6.56	7.51	8.48					dnf	9 / 8			
reaction time 0.138 interval		1.11	1.09	1.00	0.97	0.95	0.97							3.20	2.89	
wind -0.3 m/s velocity	5.44	7.66	7.80	8.50	8.76	8.95	8.76							7.97	8.82	

Mota, Yoveinny (VEN) (2000)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*				
date 07-Aug-24 time	2.51	3.56	4.57	5.62	6.70	7.76	8.79						7 / --			
reaction time 0.164 interval		1.05	1.01	1.05	1.08	1.06	1.03					DQ		3.11	3.17	
wind 0.0 m/s velocity	5.18	8.10	8.42	8.10	7.87	8.02	8.25							8.20	8.04	

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Golden Gala • Pietro Mennea (Roma, ITA)												*Omega Timing (2024) - diamond league race analysis*				
date 30-Aug-24 time	2.39	3.43	4.41	5.38	6.33	7.31	8.28	9.27				dnf	6 / --			
reaction time 0.151 interval		1.04	0.98	0.97	0.95	0.98	0.97	0.99						2.99	2.90	

wind	-0.4 m/s	velocity	5.44	8.17	8.67	8.76	8.95	8.67	8.76	8.59					8.53	8.79	

Kozák, Luca (HUN) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	01-Aug-21	time	2.55	3.58	4.58	5.57	6.56	7.57						dnf	9 / --			
reaction time	0.164	interval		1.03	1.00	0.99	0.99	1.01								3.02		
wind	-0.8 m/s	velocity	5.10	8.25	8.50	8.59	8.59	8.42								8.44		

Thompson, Yanique (JAM) (1996)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Semi-Final 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	01-Aug-21	time	2.51	3.51	4.51	5.48	6.46	7.46						dnf	6 / --			
reaction time	0.145	interval		1.00	1.00	0.97	0.98	1.00								2.97		
wind	-0.8 m/s	velocity	5.18	8.50	8.50	8.76	8.67	8.50								8.59		

Rodriguez, Yorgelis (CUB) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heptathlon - Heat 1 - 2020 Olympic Games (Tokyo, JPN) (TV Analysis)															*Henson (2024) - Athlete First: 2021 year end hurdle report*			
date	04-Aug-21	time	2.80	3.91										dnf	2 / --			
reaction time	0.132	interval		1.11														
wind	0.2 m/s	velocity	4.64	7.66														

Charlton, Devynne (BAH) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**H6**	**H7**	**H8**	**H9**	**H10**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)															*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.44	3.48	4.56	5.84								dnf	6 / --			
reaction time	0.149	interval		1.04	1.08	1.28										3.40		
wind	-0.2 m/s	velocity	5.33	8.17	7.87	6.64										7.50		

Women's 60m Hurdles Touchdown Times - by time

Charlton, Devynne (BAH) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis)									*Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*				
date	03-Mar-24	time	2.50	3.48	4.48	5.42	6.35		7.65	4 / 1			
reaction time	0.152	interval		0.98	1.00	0.94	0.93	1.30	WR		2.92		
		velocity	5.20	8.67	8.50	9.04	9.14	10.00	7.84		8.73		

Charlton, Devynne (BAH) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)									*Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*				
date	11-Feb-24	time	2.48	3.48	4.46	5.40	6.34		7.67	4 / 1			
reaction time	0.168	interval		1.00	0.98	0.94	0.94	1.33	WR		2.92		
		velocity	5.24	8.50	8.67	9.04	9.04	9.77	7.82		8.73		

Jones, Tia (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
Heat 2 - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)									*Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*				
date	16-Feb-24	time	2.50	3.50	4.45	5.40	6.36		7.67	7 / 1			
reaction time	0.140	interval		1.00	0.95	0.95	0.96	1.31	=WR		2.90		
		velocity	5.20	8.50	8.95	8.95	8.85	9.92	7.82		8.79		

Kambundji, Ditaji (SUI) (2002)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)									*European Athletics (2025) - european athletics indoor championships results book*				
date	07-Mar-25	time	2.40	3.42	4.38	5.33	6.28		7.67	5 / 1			
reaction time	0.129	interval		1.02	0.96	0.95	0.95	1.39	AR		2.93		
		velocity	5.42	8.33	8.85	8.95	8.95	9.35	7.82		8.70		

Kallur, Susanna (SWE) (1981)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2008 BW-Bank (Karlsruhe, GER)										*Blomkvist (2010) - www.sub13.se*			
date	10-Feb-08	time	2.42	3.40	4.36	5.32	6.26		7.68	/ 1			
reaction time		interval		0.98	0.96	0.96	0.94	1.42	WR		2.90		
		velocity	5.37	8.67	8.85	8.85	9.04	9.15	7.81		8.79		

Jones, Tia (USA) (2000)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)									*Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*				
date	16-Feb-24	time	2.53	3.51	4.48	5.42	6.39		7.68	4 / 1			
reaction time	0.161	interval		0.98	0.97	0.94	0.97	1.29			2.89		
		velocity	5.14	8.67	8.76	9.04	8.76	10.08	7.81		8.82		

Charlton, Devynne (BAH) (1995)			**H1**	**H2**	**H3**	**H4**	**H5**	**Run-In**	**Official Time**	**Lane / Place**	**H1-H4**	**H4-H7**	**H7-H10**
FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis)									*Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*				
date	23-Feb-24	time	2.47	3.47	4.43	5.39	6.34		7.68	4 / 1			
reaction time	0.139	interval		1.00	0.96	0.96	0.95	1.34			2.92		
		velocity	5.26	8.50	8.85	8.85	8.95	9.70	7.81		8.73		

Harrison, Kendra (Keni) (USA) (1992 | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR) *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

date	03-Mar-18	time	2.61	3.63	4.58	5.54	6.49		7.70	5 / 1	
reaction time	0.168	interval		1.02	0.95	0.96	0.95	1.21	CR / AR		2.93
		velocity	4.98	8.33	8.95	8.85	8.95	10.74	12.99		8.70

Jones, Lolo (USA) (1982) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT) *Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*

date	13-Mar-10	time	2.59	3.56	4.53	5.46	6.42		7.72	2 / 1	
reaction time	0.157	interval		0.97	0.97	0.93	0.96	1.30	CR / AR		2.87
		velocity	5.02	8.76	8.76	9.14	8.85	10.00	7.77		8.89

Jones, Tia (USA) (2000) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.50	3.50	4.48	5.46	6.42		7.72	3 / 1	
reaction time	0.153	interval		1.00	0.98	0.98	0.96	1.30	PB		2.96
		velocity	5.20	8.50	8.67	8.67	8.85	10.00	7.77		8.61

Visser, Nadine (NED) (1995) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.43	3.46	4.42	5.37	6.31		7.72	3 / 2	
reaction time	0.141	interval		1.03	0.96	0.95	0.94	1.41	NR		2.94
		velocity	5.35	8.25	8.85	8.95	9.04	9.22	7.77		8.67

Samba-Mayela, Cyréna (FRA) (2000) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.52	3.52	4.52	5.50	6.45		7.74	5 / 2	
reaction time	0.141	interval		1.00	1.00	0.98	0.95	1.29			2.98
		velocity	5.16	8.50	8.50	8.67	8.95	10.08	7.75		8.56

Harrison, Kendra (Keni) (USA) (1992 | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2017 Rod McCravy Memorial (Lexington, KY) *(2017.01.28) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	21-Jan-17	time	2.58	3.57	4.52	5.48	6.42		7.75	5 / 1	
reaction time		interval		0.99	0.95	0.96	0.94	1.33	PB		2.90
		velocity	5.04	8.59	8.95	8.85	9.04	9.77	12.90		8.79

Charlton, Devynne (BAH) (1995) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2024 Corky Classic (Lubbock, TX) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	20-Jan-24	time	2.36	3.40	4.38	5.38	6.38		7.75	4 / 1	
reaction time		interval		1.04	0.98	1.00	1.00	1.37	NR PB		3.02
		velocity	5.51	8.17	8.67	8.50	8.50	9.49	7.74		8.44

Amusan, Tobi (NGR) (1997) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.48	3.50	4.48	5.46	6.43		7.75	4 / 2	
reaction time	0.147	interval		1.02	0.98	0.98	0.97	1.32	NR		2.98
		velocity	5.24	8.33	8.67	8.67	8.76	9.85	7.74		8.56

Harrison, Kendra (Keni) (USA) (1992 | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2017 Karlsruhe Indoor (Karlsruhe, GER) *(2017.02.10) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	04-Feb-17	time	2.50	3.52	4.51	5.47	6.44		7.76	5 / 1	
reaction time	0.152	interval		1.02	0.99	0.96	0.97	1.32			2.97
		velocity	5.20	8.33	8.59	8.85	8.76	9.85	12.89		8.59

Charlton, Devynne (BAH) (1995) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.48	3.49	4.48	5.46	6.43		7.76	5 / 3	
reaction time	0.167	interval		1.01	0.99	0.98	0.97	1.33			2.98
		velocity	5.24	8.42	8.59	8.67	8.76	9.77	7.73		8.56

Visser, Nadine (NED) (1995) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	07-Mar-21	time	2.46	3.50	4.46	5.44	6.42		7.77	5 / 1	
reaction time	0.135	interval		1.04	0.96	0.98	0.98	1.35	NR PB		2.98
		velocity	5.28	8.17	8.85	8.67	8.67	9.63	7.72		8.56

Samba-Mayela, Cyrena (FRA) (2000) | H1 | H2 | H3 | H4 | H5 | Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	19-Mar-22	time	2.42	3.44	4.44	5.40	6.36		7.78	5 / 1	
reaction time	0.119	interval		1.02	1.00	0.96	0.96	1.42	NR		2.98
		velocity	5.37	8.33	8.50	8.85	8.85	9.15	7.71		8.56

Visser, Nadine (NED) (1995)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis)											
date 23-Feb-24	time	2.52	3.53	4.52	5.48	6.42		7.78	5 / 2		
reaction time 0.136	interval		1.01	0.99	0.96	0.94	1.36			2.96	
	velocity	5.16	8.42	8.59	8.85	9.04	9.56	7.71		8.61	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Manning, Christina (USA) (1990)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR)											
date 03-Mar-18	time	2.57	3.61	4.57	5.55	6.51		7.79	6 / 2		
reaction time 0.137	interval		1.04	0.96	0.98	0.96	1.28			2.98	
	velocity	5.06	8.17	8.85	8.67	8.85	10.16	12.84		8.56	

Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women

Williams, Danielle (JAM) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)											
date 11-Feb-24	time	2.52	3.54	4.52	5.50	6.46		7.79	5 / 2		
reaction time 0.127	interval		1.02	0.98	0.98	0.96	1.33			2.98	
	velocity	5.16	8.33	8.67	8.67	8.85	9.77	7.70		8.56	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)											
date 11-Feb-24	time	2.50	3.50	4.52	5.48	6.44		7.79	6 / 3		
reaction time 0.181	interval		1.00	1.02	0.96	0.96	1.35			2.98	
	velocity	5.20	8.50	8.33	8.85	8.85	9.63	7.70		8.56	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Jones, Jasmine (USA) (2001)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)											
date 16-Feb-24	time	2.53	3.53	4.52	5.49	6.46		7.79	3 / 2		
reaction time 0.156	interval	7 steps	1.00	0.99	0.97	0.97	1.33	PB		2.96	
	velocity	5.14	8.50	8.59	8.76	8.76	9.77	7.70		8.61	

Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

Skrzyszowska, Pia (POL) (2001)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis)											
date 03-Mar-24	time	2.56	3.56	4.54	5.54	6.52		7.79	6 / 3		
reaction time 0.142	interval		1.00	0.98	1.00	0.98	1.27			2.98	
	velocity	5.08	8.50	8.67	8.50	8.67	10.24	7.70		8.56	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Jones, Tia (USA) (2000)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Corky Classic (Lubbock, TX) (TV Analysis)											
date 20-Jan-24	time	2.46	3.50	4.52	5.52	6.54		7.80	5 / 2		
reaction time	interval		1.04	1.02	1.00	1.02	1.26	PB		3.06	
	velocity	5.28	8.17	8.33	8.50	8.33	10.32	7.69		8.33	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Nugent, Ackera (JAM) (2002)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)											
date 11-Feb-24	time	2.52	3.52	4.52	5.50	6.46		7.80	7 / 4		
reaction time 0.168	interval		1.00	1.00	0.98	0.96	1.34			2.98	
	velocity	5.16	8.50	8.50	8.67	8.85	9.70	7.69		8.56	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)											
date 16-Feb-24	time	2.53	3.57	4.54	5.54	6.49		7.80	6 / 3		
reaction time 0.151	interval		1.04	0.97	1.00	0.95	1.31			3.01	
	velocity	5.14	8.17	8.76	8.50	8.95	9.92	7.69		8.47	

Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

Charlton, Devynne (BAH) (1995)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis)											
date 19-Mar-22	time	2.44	3.44	4.44	5.40	6.38		7.81	4 / 2		
reaction time 0.157	interval		1.00	1.00	0.96	0.98	1.43	NR		2.96	
	velocity	5.33	8.50	8.50	8.85	8.67	9.09	7.68		8.61	

Henson (2022) - Athlete First: 2022 year end hurdle report

Russell, Masai (USA) (2000)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis)											
date 03-Mar-24	time	2.54	3.58	4.56	5.54	6.52		7.81	3 / 4		
reaction time 0.142	interval		1.04	0.98	0.98	0.98	1.29			3.00	
	velocity	5.12	8.17	8.67	8.67	8.67	10.08	7.68		8.50	

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

Jones, Jasmine (USA) (2001)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)											
date 16-Feb-24	time	2.55	3.57	4.56	5.54	6.52		7.82	3 / 2		
reaction time 0.157	interval	7 steps	1.02	0.99	0.98	0.98	1.30	PB		2.99	
	velocity	5.10	8.33	8.59	8.67	8.67	10.00	7.67		8.53	

Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

Kambundji, Ditaji (SUI) (2002)

H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.43	3.45	4.44	5.42	6.39		7.82	4 / 1	
reaction time	0.140	interval		1.02	0.99	0.98	0.97	1.43			2.99
		velocity	5.35	8.33	8.59	8.67	8.76	9.09	7.67		8.53

Skrzyszowska, Pia (POL) (2001) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	23-Feb-24	time	2.52	3.56	4.53	5.50	6.47		7.83	6 / 3	
reaction time	0.127	interval		1.04	0.97	0.97	0.97	1.36			2.98
		velocity	5.16	8.17	8.76	8.76	8.76	9.56	7.66		8.56

Skrzyszowska, Pia (POL) (2001) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.45	3.49	4.48	5.46	6.42		7.83	4 / 3	
reaction time	0.143	interval		1.04	0.99	0.98	0.96	1.41			3.01
		velocity	5.31	8.17	8.59	8.67	8.85	9.22	7.66		8.47

Visser, Nadine (NED) (1995) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR) *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

date	03-Mar-18	time	2.65	3.66	4.67	5.63	6.58		7.84	4 / 3	
reaction time	0.153	interval		1.01	1.01	0.96	0.95	1.26			2.98
		velocity	4.91	8.42	8.42	8.85	8.95	10.32	12.76		8.56

Russell, Masai (USA) (2000) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.50	3.52	4.52	5.50	6.48		7.84	6 / 4	
reaction time	0.174	interval		1.02	1.00	0.98	0.98	1.36			3.00
		velocity	5.20	8.33	8.50	8.67	8.67	9.56	7.65		8.50

Skrzyszowska, Pia (POL) (2001) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.45	3.49	4.48	5.45	6.41		7.84	4 / 1	
reaction time	0.146	interval		1.04	0.99	0.97	0.96	1.43			3.00
		velocity	5.31	8.17	8.59	8.76	8.85	9.09	7.65		8.50

Visser, Nadine (NED) (1995) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.45	3.48	4.47	5.44	6.41		7.85	3 / 2	
reaction time	0.144	interval		1.03	0.99	0.97	0.97	1.44			2.99
		velocity	5.31	8.25	8.59	8.76	8.76	9.03	7.64		8.53

Felicien, Perdita (CAN) (1980) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT) *Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*

date	13-Mar-10	time	2.61	3.63	4.60	5.58	6.57		7.86	3 / 2	
reaction time	0.156	interval		1.02	0.97	0.98	0.99	1.29			2.97
		velocity	4.98	8.33	8.76	8.67	8.59	10.08	7.63		8.59

Nelvis, Sharika (USA) (1990) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR) *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

date	03-Mar-18	time	2.62	3.65	4.65	5.62	6.58		7.86	3 / 4	
reaction time	0.163	interval		1.03	1.00	0.97	0.96	1.28			3.00
		velocity	4.96	8.25	8.50	8.76	8.85	10.16	12.72		8.50

Lopes-Schliep, Priscilla (CAN) (1982) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT) *Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*

date	13-Mar-10	time	2.55	3.58	4.57	5.56	6.54		7.87	5 / 3	
reaction time	0.132	interval		1.03	0.99	0.99	0.98	1.33			3.01
		velocity	5.10	8.25	8.59	8.59	8.67	9.77	7.62		8.47

Roleder, Cindy (GER) (1989) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR) *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

date	03-Mar-18	time	2.65	3.68	4.68	5.65	6.61		7.87	7 / 5	
reaction time	0.141	interval		1.03	1.00	0.97	0.96	1.26			3.00
		velocity	4.91	8.25	8.50	8.76	8.85	10.32	12.71		8.50

Cunningham, Gabriele (USA) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	19-Mar-22	time	2.46	3.46	4.46	5.44	6.42		7.87	2 / 3	
reaction time	0.164	interval		1.00	1.00	0.98	0.98	1.45			2.98
		velocity	5.28	8.50	8.50	8.67	8.67	8.97	7.62		8.56

Roleder, Cindy (GER) (1989) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2017 European Indoor Championships (Beograd, SRB) *(2017.03.05) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Mar-17	time	2.68	3.67	4.64	5.63	6.60		7.88	6 / 1			
reaction time		interval		0.99	0.97	0.99	0.97	1.28					2.95
		velocity	4.85	8.59	8.76	8.59	8.76	10.16	12.69				8.64

Russell, Masai (USA) (2000)
FINAL - 2024 Corky Classic (Lubbock, TX) (TV Analysis)
Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Jan-24	time	2.46	3.48	4.52	5.52	6.54		7.88	3 / 3			
reaction time		interval		1.02	1.04	1.00	1.02	1.34					3.06
		velocity	5.28	8.33	8.17	8.50	8.33	9.70	7.61				8.33

Yanit, Nevin (TUR) (1986)
FINAL - 2013 European Indoor Championships (Göteborg, SWE)
Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Mar-13	time	2.52	3.58	4.58	5.58	6.56		7.89	3 / ~~1~~			
reaction time	0.158	interval		1.06	1.00	1.00	0.98	1.33	DV ~~NR~~				3.06
		velocity	5.16	8.02	8.50	8.50	8.67	9.77	7.60				8.33

Dutkiewicz, Pamela (GER) (1991)
FINAL - 2019 ISTAF Indoor (Berlin, GER) (TV Analysis)
Henson (2020) - Athlete First: 2019 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	1-Feb-19	time	2.54	3.56	4.56	5.54	6.52		7.89	4 / 1			
reaction time	0.121	interval		1.02	1.00	0.98	0.98	1.37					3.00
		velocity	5.12	8.33	8.50	8.67	8.67	9.49	7.60				8.50

Sember, Cindy (GBR) (1994)
FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis)
Henson (2021) - Athlete First: 2021 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-21	time	2.48	3.54	4.52	5.48	6.44		7.89	6 / 2			
reaction time	0.165	interval		1.06	0.98	0.96	0.96	1.45	=PB				3.00
		velocity	5.24	8.02	8.67	8.85	8.85	8.97	7.60				8.50

Clemons, Christina (USA) (1990)
FINAL - 2024 Corky Classic (Lubbock, TX) (TV Analysis)
Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Jan-24	time	2.50	3.54	4.58	5.58	6.58		7.89	2 / 4			
reaction time		interval		1.04	1.04	1.00	1.00	1.31					3.08
		velocity	5.20	8.17	8.17	8.50	8.50	9.92	7.60				8.28

Brissett, Chanel (USA) (1999)
FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis)
Henson (2020) - Athlete First: 2019 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	9-Mar-19	time	2.53	3.53	4.53	5.51	6.49		7.90	3 / 1			
reaction time	0.190	interval		1.00	1.00	0.98	0.98	1.41	=PB				2.98
		velocity	5.14	8.50	8.50	8.67	8.67	9.22	7.59				8.56

Harrison, Kendra (Keni) (USA) (1992
FINAL - 2020 Millrose Games (New York, NY)
PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Feb-20	time	2.53	3.56	4.52	5.51	6.48		7.90	5 / 1			
reaction time	0.201	interval		1.03	0.96	0.99	0.97	1.42					2.98
		velocity	5.14	8.25	8.85	8.59	8.76	9.15	7.59				8.56

Clemons, Christina (USA) (1990)
Heat 2 - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)
Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-24	time	2.57	3.62	4.60	5.58	6.55		7.90	6 / 3			
reaction time	0.145	interval		1.05	0.98	0.98	0.97	1.35					3.01
		velocity	5.06	8.10	8.67	8.67	8.76	9.63	7.59				8.47

Clemons, Christina (USA) (1990)
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)
Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-24	time	2.55	3.59	4.57	5.55	6.52		7.90	7 / 4			
reaction time	0.145	interval		1.04	0.98	0.98	0.97	1.38					3.00
		velocity	5.10	8.17	8.67	8.67	8.76	9.42	7.59				8.50

Tejeda, Anay (CUB) (1983)
FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT)
Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-10	time	2.58	3.60	4.59	5.57	6.55		7.91	4 / 4			
reaction time	0.144	interval		1.02	0.99	0.98	0.98	1.36					2.99
		velocity	5.04	8.33	8.59	8.67	8.67	9.56	7.59				8.53

Roleder, Cindy (GER) (1989)
FINAL - 2019 ISTAF Indoor (Berlin, GER) (TV Analysis)
Henson (2020) - Athlete First: 2019 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	1-Feb-19	time	2.58	3.58	4.58	5.56	6.54		7.91	3 / 2			
reaction time	0.126	interval		1.00	1.00	0.98	0.98	1.37					2.98
		velocity	5.04	8.50	8.50	8.67	8.67	9.49	7.59				8.56

Sember, Cindy (GBR) (1994)
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)
Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	11-Feb-24	time	2.58	3.60	4.60	5.58	6.56		7.91	1 / 5			

reaction time	0.170	interval		1.02	1.00	0.98	0.98		1.35			3.00		
		velocity	5.04	8.33	8.50	8.67	8.67		9.63	7.59		8.50		

Lavin, Sarah (IRL) (1994) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.63	3.65	4.65	5.64	6.64			7.91	7 / 5			
reaction time	0.129	interval		1.02	1.00	0.99	1.00		1.27			3.01		
		velocity	4.94	8.33	8.50	8.59	8.50		10.24	7.59		8.47		

Vukicevic, Christina (NOR) (1987) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN) *Blomkvist (2011) - www.sub13.se*

date	05-Feb-11	time	2.44	3.48	4.48	5.44	6.44			7.92	/ 1			
reaction time		interval		1.04	1.00	0.96	1.00		1.48	NR		3.00		
		velocity	5.33	8.17	8.50	8.85	8.50		8.78	7.58		8.50		

White, Kayla (USA) (1996) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	9-Mar-19	time	2.50	3.52	4.50	5.52	6.53			7.92	5 / 2			
reaction time	0.146	interval		1.02	0.98	1.02	1.01		1.39	PB		3.02		
		velocity	5.20	8.33	8.67	8.33	8.42		9.35	7.58		8.44		

Cunningham, Gabriele (USA) (1998) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) *CAA Hurdle Development (2020)*

date	15-Feb-20	time	2.57	3.58	4.60	5.58	6.57			7.92	6 / 1			
reaction time	0.170	interval		1.01	1.02	0.98	0.99		1.35	PB		3.01		
		velocity	5.06	8.42	8.33	8.67	8.59		9.63	7.58		8.47		

Porter, Tiffany (GBR) (1987) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	07-Mar-21	time	2.48	3.52	4.50	5.48	6.50			7.92	8 / 3			
reaction time	0.156	interval		1.04	0.98	0.98	1.02		1.42			3.00		
		velocity	5.24	8.17	8.67	8.67	8.33		9.15	7.58		8.50		

Taylor, Charisma (BAH) (1999) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.60	3.60	4.58	5.62	6.58			7.92	2 / 6			
reaction time	0.139	interval	7 Steps	1.00	0.98	1.04	0.96		1.34			3.02		
		velocity	5.00	8.50	8.67	8.17	8.85		9.70	7.58		8.44		

Sember, Cindy (GBR) (1994) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.60	3.65	4.65	5.62	6.60			7.92	8 / 7			
reaction time	0.164	interval		1.05	1.00	0.97	0.98		1.32			3.02		
		velocity	5.00	8.10	8.50	8.76	8.67		9.85	7.58		8.44		

Lavin, Sarah (IRL) (1994) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.46	3.50	4.50	5.49	6.46			7.92	6 / 4			
reaction time	0.120	interval		1.04	1.00	0.99	0.97		1.46			3.03		
		velocity	5.28	8.17	8.50	8.59	8.76		8.90	7.58		8.42		

Neziri, Nooralotta (FIN) (1992) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	07-Mar-21	time	2.48	3.52	4.52	5.50	6.48			7.93	3 / 4			
reaction time	0.133	interval		1.04	1.00	0.98	0.98		1.45			3.02		
		velocity	5.24	8.17	8.50	8.67	8.67		8.97	7.57		8.44		

Charlton, Devynne (BAH) (1995) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 3 - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.56	3.58	4.58	5.56	6.54			7.93	6 / 1			
reaction time	0.181	interval		1.02	1.00	0.98	0.98		1.39			3.00		
		velocity	5.08	8.33	8.50	8.67	8.67		9.35	7.57		8.50		

Talay, Alina (BLR) (1989) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

date	01-Mar-13	time	2.62	3.65	4.64	5.64	6.62			7.94	5 / ~~2~~ 1			
reaction time	0.154	interval		1.03	0.99	1.00	0.98		1.32	=PB		3.02		
		velocity	4.96	8.25	8.59	8.50	8.67		9.85	7.56		8.44		

Borsi, Veronica (ITA) (1987) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

date	01-Mar-13	time	2.60	3.64	4.64	5.64	6.62			7.94	4 / ~~3~~ 2			
reaction time	0.176	interval		1.04	1.00	1.00	0.98		1.32	NR		3.04		

		velocity	5.00	8.17	8.50	8.50	8.67		9.85	7.56		8.39		

Pedersen, Isabelle (NOR) (1992) — **FINAL** - 2018 IAAF World Indoor Championships (Birmingham, GBR) — *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Mar-18	time	2.68	3.71	4.70	5.67	6.66		7.94	2 / 6			
reaction time	0.168	interval		1.03	0.99	0.97	0.99	1.28			2.99		
		velocity	4.85	8.25	8.59	8.76	8.59	10.16	12.59		8.53		

Ali, Nia (USA) (1988) — **FINAL** - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.57	3.62	4.60	5.60	6.58		7.94	4 / 1			
reaction time		interval		1.05	0.98	1.00	0.98	1.36			3.03		
		velocity	5.06	8.10	8.67	8.50	8.67	9.56	7.56		8.42		

Chadwick, Payton (USA) (1995) — **FINAL** - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.60	3.63	4.63	5.64	6.64		7.94	3 / 2			
reaction time	0.160	interval		1.03	1.00	1.01	1.00	1.30			3.04		
		velocity	5.00	8.25	8.50	8.42	8.50	10.00	7.56		8.39		

Clemons, Christina (USA) (1990) — **FINAL** - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	04-Feb-24	time	2.53	3.55	4.55	5.54	6.52		7.94	8 / 5			
reaction time	0.182	interval		1.02	1.00	0.99	0.98	1.42			3.01		
		velocity	5.14	8.33	8.50	8.59	8.67	9.15	7.56		8.47		

Lavin, Sarah (IRL) (1994) — **Semi-Final 1** - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-25	time	2.48	3.53	4.53	5.51	6.49		7.94	5 / 2			
reaction time	0.125	interval		1.05	1.00	0.98	0.98	1.45			3.03		
		velocity	5.24	8.10	8.50	8.67	8.67	8.97	7.56		8.42		

O'Rourke, Derval (IRL) (1981) — **FINAL** - 2013 European Indoor Championships (Göteborg, SWE) — *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Mar-13	time	2.58	3.60	4.61	5.61	6.63		7.95	2 / ~~4~~ 3			
reaction time	0.141	interval		1.02	1.01	1.00	1.02	1.32			3.03		
		velocity	5.04	8.33	8.42	8.50	8.33	9.85	7.55		8.42		

Skrzyszowska, Pia (POL) (2001) — **FINAL** - 2021 European Indoor Championships (Toruń, POL) (TV Analysis) — *Henson (2021) - Athlete First: 2021 year end hurdle report*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-21	time	2.48	3.54	4.58	5.58	6.56		7.95	4 / 5			
reaction time	0.147	interval		1.06	1.04	1.00	0.98	1.39			3.10		
		velocity	5.24	8.02	8.17	8.50	8.67	9.35	7.55		8.23		

Ali, Nia (USA) (1988) — **FINAL** - 2024 Millrose Games (New York, NY) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	11-Feb-24	time	2.54	3.58	4.60	5.58	6.56		7.95	3 / 6			
reaction time	0.174	interval		1.04	1.02	0.98	0.98	1.39			3.04		
		velocity	5.12	8.17	8.33	8.67	8.67	9.35	7.55		8.39		

Lavin, Sarah (IRL) (1994) — **FINAL** - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-Feb-24	time	2.57	3.60	4.60	5.60	6.58		7.95	3 / 4			
reaction time	0.142	interval		1.03	1.00	1.00	0.98	1.37			3.03		
		velocity	5.06	8.25	8.50	8.50	8.67	9.49	7.55		8.42		

Jones, Tia (USA) (2000) — **Heat 1** - 2020 USATF Indoor National Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.60	3.63	4.65	5.64	6.62		7.96	3 / 1			
reaction time	0.162	interval		1.03	1.02	0.99	0.98	1.34	PB		3.04		
		velocity	5.00	8.25	8.33	8.59	8.67	9.70	7.54		8.39		

McReynolds, Tiffani (USA) (1991) — **FINAL** - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.60	3.63	4.65	5.65	6.64		7.96	4 / 3			
reaction time	0.181	interval		1.03	1.02	1.00	0.99	1.32			3.05		
		velocity	5.00	8.25	8.33	8.50	8.59	9.85	7.54		8.36		

Anderson, Britany (JAM) (2001) — **FINAL** - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	19-Mar-22	time	2.50	3.52	4.54	5.54	6.52		7.96	3 / 4			
reaction time	0.140	interval		1.02	1.02	1.00	0.98	1.44			3.04		
		velocity	5.20	8.33	8.33	8.50	8.67	9.03	7.54		8.39		

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)							*European Athletics (2025) - european athletics indoor championships results book*				
date 07-Mar-25	time	2.51	3.56	4.56	5.54	6.52		7.96	1 / 3		
reaction time 0.157	interval		1.05	1.00	0.98	0.98	1.44			3.03	
	velocity	5.18	8.10	8.50	8.67	8.67	9.03	7.54		8.42	

Hurske, Reetta (FIN) (1995)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)							*European Athletics (2025) - european athletics indoor championships results book*				
date 07-Mar-25	time	2.42	3.47	4.48	5.48	6.46		7.96	1 / 3		
reaction time 0.123	interval		1.05	1.01	1.00	0.98	1.50			3.06	
	velocity	5.37	8.10	8.42	8.50	8.67	8.67	7.54		8.33	

Bolm, Kirsten (GER) (1975)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2002 German National Indoor Championships (Sindelfingen, GER)							*Hücklekemkes (2002) - explosive starten vielfältig erlernen*				
date 16-Feb-02	time	2.64	3.66	4.68	5.69	6.68		7.97	/ 1		
reaction time 0.129	interval		1.02	1.02	1.01	0.99	1.29	PB		3.05	
wind	velocity	4.92	8.33	8.33	8.42	8.59	10.08	7.53		8.36	

Powell, Virginia (Ginnie) (USA) (1983

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT)							*Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*				
date 13-Mar-10	time	2.63	3.65	4.64	5.62	6.61		7.97	1 / 5		
reaction time 0.150	interval		1.02	0.99	0.98	0.99	1.36			2.99	
	velocity	4.94	8.33	8.59	8.67	8.59	9.56	7.53		8.53	

Herman, Elvira (BLR) (1997)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 ISTAF Indoor (Berlin, GER) (TV Analysis)							*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date 1-Feb-19	time	2.60	3.62	4.62	5.60	6.58		7.97	5 / 3		
reaction time 0.142	interval		1.02	1.00	0.98	0.98	1.39	=PB		3.00	
	velocity	5.00	8.33	8.50	8.67	8.67	9.35	7.53		8.50	

Chadwick, Payton (USA) (1995)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis)							*Henson (2020) - Athlete First: 2019 year end hurdle report*				
date 9-Mar-19	time	2.53	3.60	4.60	5.58	6.58		7.97	4 / 3		
reaction time 0.165	interval		1.07	1.00	0.98	1.00	1.39			3.05	
	velocity	5.14	7.94	8.50	8.67	8.50	9.35	7.53		8.36	

Cunningham, Gabriele (USA) (1998)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)								*CAA Hurdle Development (2020)*			
date 15-Feb-20	time	2.54	3.58	4.60	5.60	6.59		7.97	6 / 2		
reaction time 0.164	interval		1.04	1.02	1.00	0.99	1.38	PB		3.06	
	velocity	5.12	8.17	8.33	8.50	8.59	9.42	7.53		8.33	

Meier, Marlene (GER) (2002)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)							*European Athletics (2025) - european athletics indoor championships results book*				
date 07-Mar-25	time	2.47	3.53	4.54	5.53	6.52		7.97	2 / 4		
reaction time 0.142	interval		1.06	1.01	0.99	0.99	1.45			3.06	
	velocity	5.26	8.02	8.42	8.59	8.59	8.97	7.53		8.33	

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)							*European Athletics (2025) - european athletics indoor championships results book*				
date 07-Mar-25	time	2.45	3.50	4.52	5.51	6.50		7.97	6 / 4		
reaction time 0.155	interval		1.05	1.02	0.99	0.99	1.47	PB		3.06	
	velocity	5.31	8.10	8.33	8.59	8.59	8.84	7.53		8.33	

Clemons, Christina (USA) (1990)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)							*PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*				
date 25-Jan-20	time	2.57	3.61	4.60	5.60	6.57		7.98	3 / 2		
reaction time	interval		1.04	0.99	1.00	0.97	1.41			3.03	
	velocity	5.06	8.17	8.59	8.50	8.76	9.22	7.52		8.42	

McReynolds, Tiffani (USA) (1991)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)								*CAA Hurdle Development (2020)*			
date 15-Feb-20	time	2.59	3.64	4.64	5.64	6.62		7.98	6 / 1		
reaction time 0.156	interval		1.05	1.00	1.00	0.98	1.36			3.05	
	velocity	5.02	8.10	8.50	8.50	8.67	9.56	7.52		8.36	

Tapper, Megan (JAM) (1994)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 Millrose Games (New York, NY) (TV Analysis)							*Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*				
date 11-Feb-24	time	2.60	3.60	4.62	5.60	6.56		7.98	8 / 7		
reaction time 0.190	interval		1.00	1.02	0.98	0.96	1.42	PB		3.00	
	velocity	5.00	8.50	8.33	8.67	8.85	9.15	7.52		8.50	

Hughes, Amber (USA) (1994)

Heat 2 - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)

Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-24	time	2.65	3.68	4.68	5.64	6.62		7.98	5 / 4			
reaction time	0.168	interval		1.03	1.00	0.96	0.98	1.36			2.99		
		velocity	4.91	8.25	8.50	8.85	8.67	9.56	7.52		8.53		

Dixon, Vonette (JAM) (1975)

FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT)

Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-10	time	2.68	3.68	4.66	5.66	6.64		7.99	6 / 6			
reaction time	0.269	interval		1.00	0.98	1.00	0.98	1.35			2.98		
		velocity	4.85	8.50	8.67	8.50	8.67	9.63	7.51		8.56		

Kondakova, Yuliya (RUS) (1981)

FINAL - 2013 European Indoor Championships (Göteborg, SWE)

Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Mar-13	time	2.58	3.64	4.65	5.64	6.65		7.99	6 / ~~5~~ 4			
reaction time	0.159	interval		1.06	1.01	0.99	1.01	1.34			3.06		
		velocity	5.04	8.02	8.42	8.59	8.42	9.70	7.51		8.33		

Ali, Nia (USA) (1988)

Heat 1 - 2020 New Balance Indoor Grand Prix (Boston, MA)

PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.57	3.62	4.62	5.63	6.62		7.99	5 / 1			
reaction time		interval		1.05	1.00	1.01	0.99	1.37			3.06		
		velocity	5.06	8.10	8.50	8.42	8.59	9.49	7.51		8.33		

Bogliolo, Luminosa (ITA) (1995)

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis)

Henson (2021) - Athlete First: 2021 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-21	time	2.54	3.56	4.58	5.56	6.54		7.99	7 / 6			
reaction time	0.160	interval		1.02	1.02	0.98	0.98	1.45	=PB		3.02		
		velocity	5.12	8.33	8.33	8.67	8.67	8.97	7.51		8.44		

Hughes, Amber (USA) (1994)

FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)

Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-24	time	2.65	3.69	4.67	5.64	6.61		7.99	1 / 5			
reaction time	0.164	interval		1.04	0.98	0.97	0.97	1.38			2.99		
		velocity	4.91	8.17	8.67	8.76	8.76	9.42	7.51		8.53		

Hurske, Reetta (FIN) (1995)

FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis)

Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-Feb-24	time	2.52	3.55	4.56	5.54	6.56		7.99	2 / 5			
reaction time	0.130	interval		1.03	1.01	0.98	1.02	1.43			3.02		
		velocity	5.16	8.25	8.42	8.67	8.33	9.09	7.51		8.44		

Piquereau, Anne (FRA) (1964)

FINAL - 1986 French National Indoor Championships (Lievin, FRA)

Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	26-Jan-86	time	2.61	3.66	4.67	5.68	6.67		8.00	/ 1			
reaction time		interval		1.05	1.01	1.01	0.99	1.33			3.07		
		velocity	4.98	8.10	8.42	8.42	8.59	9.77	7.50		8.31		

Borsi, Veronica (ITA) (1987)

FINAL - 2013 Italian National Indoor Championships (Ancona, ITA)

FIDAL - Centro Studi & Ricerche (2013) - www.youtube.com/watch?v=V4AEm5H14hI

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-13	time	2.69	3.69	4.70	5.68	6.67		8.00	4 / 1			
reaction time		interval		1.00	1.01	0.98	0.99	1.33	PB		2.99		
		velocity	4.83	8.50	8.42	8.67	8.59	9.77	7.50		8.53		

Brown, Janeek (JAM) (1998)

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)

PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.58	3.62	4.63	5.62	6.62		8.00	5 / 3			
reaction time		interval		1.04	1.01	0.99	1.00	1.38			3.04		
		velocity	5.04	8.17	8.42	8.59	8.50	9.42	7.50		8.39		

Chadwick, Payton (USA) (1995)

FINAL - 2020 Millrose Games (New York, NY)

PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	08-Feb-20	time	2.57	3.62	4.61	5.61	6.59		8.00	8 / 3			
reaction time	0.161	interval		1.05	0.99	1.00	0.98	1.41			3.04		
		velocity	5.06	8.10	8.59	8.50	8.67	9.22	7.50		8.39		

Sedney, Zoë (NED) (2001)

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis)

Henson (2021) - Athlete First: 2021 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-21	time	2.48	3.54	4.56	5.58	6.58		8.00	2 / 7			
reaction time	0.171	interval		1.06	1.02	1.02	1.00	1.42			3.10		
		velocity	5.24	8.02	8.33	8.33	8.50	9.15	7.50		8.23		

Sember, Cindy (GBR) (1994)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.55	3.62	4.62	5.62	6.62			8.00	2 / 5	
reaction time	0.490	interval		1.07	1.00	1.00	1.00	1.38				3.07
		velocity	5.10	7.94	8.50	8.50	8.50	9.42	7.50			8.31

Hurske, Reetta (FIN) (1995) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.43	3.48	4.49	5.49	6.49			8.00	7 / 5	
reaction time	0.130	interval		1.05	1.01	1.00	1.00	1.51				3.06
		velocity	5.35	8.10	8.42	8.50	8.50	8.61	7.50			8.33

Taylor, Naomi (USA) (1998) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	9-Mar-19	time	2.53	3.55	4.58	5.58	6.56			8.01	8 / 4	
reaction time	0.170	interval		1.02	1.03	1.00	0.98	1.45				3.05
		velocity	5.14	8.33	8.25	8.50	8.67	8.97	7.49			8.36

Kozák, Luca (HUN) (1996) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2021 European Indoor Championships (Toruń, POL) (TV Analysis) *Henson (2021) - Athlete First: 2021 year end hurdle report*

date	07-Mar-21	time	2.54	3.56	4.58	5.58	6.58			8.01	1 / 8	
reaction time	0.195	interval		1.02	1.02	1.00	1.00	1.43				3.04
		velocity	5.12	8.33	8.33	8.50	8.50	9.09	7.49			8.39

Kozák, Luca (HUN) (1996) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.62	3.67	4.68	5.70	6.68			8.01	1 / 8	
reaction time	0.150	interval		1.05	1.01	1.02	0.98	1.33				3.08
		velocity	4.96	8.10	8.42	8.33	8.67	9.77	7.49			8.28

Schneider, Rosina (GER) (2004) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.51	3.57	4.58	5.58	6.57			8.01	3 / 5	
reaction time	0.162	interval		1.06	1.01	1.00	0.99	1.44				3.07
		velocity	5.18	8.02	8.42	8.50	8.59	9.03	7.49			8.31

Strametz, Karin (AUT) (1998) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.46	3.52	4.55	5.55	6.55			8.01	2 / 6	
reaction time	0.134	interval		1.06	1.03	1.00	1.00	1.46				3.09
		velocity	5.28	8.02	8.25	8.50	8.50	8.90	7.49			8.25

Golding-Clarke, Lacena (JAM) (1975) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2010 IAAF World Indoor Championships (Doha, QAT) *Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*

date	13-Mar-10	time	2.60	3.63	4.65	5.65	6.64			8.02	8 / 7	
reaction time	0.159	interval		1.03	1.02	1.00	0.99	1.38				3.05
		velocity	5.00	8.25	8.33	8.50	8.59	9.42	7.48			8.36

Clemons, Christina (USA) (1990) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.59	3.65	4.67	5.68	6.66			8.02	4 / 2	
reaction time		interval		1.06	1.02	1.01	0.98	1.36				3.09
		velocity	5.02	8.02	8.33	8.42	8.67	9.56	7.48			8.25

Anderson, Britany (JAM) (2001) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.60	3.63	4.60	5.60	6.57			8.02	7 / 4	
reaction time	0.168	interval		1.03	0.97	1.00	0.97	1.45	**NJR PB**			3.00
		velocity	5.00	8.25	8.76	8.50	8.76	8.97	7.48			8.50

Tapper, Megan (JAM) (1994) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.55	3.60	4.62	5.62	6.58			8.02	7 / 7	
reaction time	0.189	interval		1.05	1.02	1.00	0.96	1.44	**PB**			3.07
		velocity	5.10	8.10	8.33	8.50	8.85	9.03	7.48			8.31

Jones, Cortney (USA) (1999) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 2 - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis) *Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*

date	16-Feb-24	time	2.64	3.67	4.67	5.67	6.67			8.02	4 / 5	
reaction time	0.143	interval		1.03	1.00	1.00	1.00	1.35	**=PB**			3.03
		velocity	4.92	8.25	8.50	8.50	8.50	9.63	7.48			8.42

Caravelli, Marzia (ITA) (1981) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2012 Italian National Indoor Championships (Ancona, ITA) *FIDAL - Centro Studi & Ricerche (2012) - www.youtube.com/watch?v=_GzCppvayL8*

date	25-Feb-12	time	2.68	3.70	4.70	5.70	6.70			8.04	5 / ~~4~~		
reaction time		interval	*7 steps*	1.02	1.00	1.00	1.00	1.34	DQ			3.02	
		velocity	4.85	8.33	8.50	8.50	8.50	9.70	7.46			8.44	

Pennella, Giulia (ITA) (1989) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2014 Italian National Indoor Championships (Ancona, ITA) — *FIDAL - Centro Studi & Ricerche (2014) - www.youtube.com/watch?v=7_FeLg_p08Y*

date	22-Feb-14	time	2.66	3.66	4.67	5.67	6.65			8.04	5 / 1		
reaction time		interval		1.00	1.01	1.00	0.98	1.39				3.01	
		velocity	4.89	8.50	8.42	8.50	8.67	9.35	7.46			8.47	

Brown, Janeek (JAM) (1998) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis) — *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	9-Mar-19	time	2.50	3.53	4.58	5.60	6.60			8.04	7 / 5		
reaction time	0.149	interval		1.03	1.05	1.02	1.00	1.44				3.10	
		velocity	5.20	8.25	8.10	8.33	8.50	9.03	7.46			8.23	

Chadwick, Payton (USA) (1995) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	15-Feb-20	time	2.62	3.65	4.69	5.65	6.67			8.04	7 / 2		
reaction time	0.170	interval		1.03	1.04	0.96	1.02	1.37				3.03	
		velocity	4.96	8.25	8.17	8.85	8.33	9.49	7.46			8.42	

Carmassi, Giada (ITA) (1994) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.48	3.54	4.55	5.55	6.55			8.04	6 / 5		
reaction time	0.143	interval		1.06	1.01	1.00	1.00	1.49				3.07	
		velocity	5.24	8.02	8.42	8.50	8.50	8.72	7.46			8.31	

Meier, Marlene (GER) (2002) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.53	3.59	4.60	5.60	6.59			8.04	1 / 6		
reaction time	0.139	interval		1.06	1.01	1.00	0.99	1.45				3.07	
		velocity	5.14	8.02	8.42	8.50	8.59	8.97	7.46			8.31	

Dektyareva, Tatyana (RUS) (1981) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2010 IAAF World Indoor Champiionships (Doha, QAT) — *Kuitunen (2010) - biomencanical analysis of the 14th IAAF World Indoor championships*

date	13-Mar-10	time	2.62	3.66	4.67	5.65	6.69			8.05	7 / 8		
reaction time	0.173	interval		1.04	1.01	0.98	1.04	1.36				3.03	
		velocity	4.96	8.17	8.42	8.67	8.17	9.56	7.45			8.42	

Amusan, Tobi (NGR) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR) — *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

date	03-Mar-18	time	2.67	3.69	4.74	5.72	6.69			8.05	1 / 7		
reaction time	0.149	interval		1.02	1.05	0.98	0.97	1.36				3.05	
		velocity	4.87	8.33	8.10	8.67	8.76	9.56	12.42			8.36	

Mota, Yoveinny (VEN) (2000) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	19-Mar-22	time	2.56	3.58	4.60	5.58	6.60			8.05	1 / 5		
reaction time	0.147	interval		1.02	1.02	0.98	1.02	1.45	NR			3.02	
		velocity	5.08	8.33	8.33	8.67	8.33	8.97	7.45			8.44	

Nelvis, Sharika (USA) (1990) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2024 Millrose Games (New York, NY) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	11-Feb-24	time	2.58	3.62	4.64	5.64	6.64			8.05	2 / 8		
reaction time	0.173	interval	7 steps	1.04	1.02	1.00	1.00	1.41				3.06	
		velocity	5.04	8.17	8.33	8.50	8.50	9.22	7.45			8.33	

di Lazzaro, Elisa Maria (ITA) (1998) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.50	3.58	4.61	5.61	6.60			8.05	7 / 7		
reaction time	0.132	interval		1.08	1.03	1.00	0.99	1.45				3.11	
		velocity	5.20	7.87	8.25	8.50	8.59	8.97	7.45			8.20	

Brown, Janeek (JAM) (1998) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.60	3.65	4.68	5.69	6.69			8.06	5 / 1		
reaction time		interval		1.05	1.03	1.01	1.00	1.37				3.09	
		velocity	5.00	8.10	8.25	8.42	8.50	9.49	7.44			8.25	

Pedersen, Isabelle (NOR) (1992) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.64	3.68	4.68	5.68	6.68			8.06	4 / 2		

reaction time		interval		1.04	1.00	1.00	1.00			1.38				3.04	
		velocity	4.92	8.17	8.50	8.50	8.50			9.42	7.44			8.39	

Abdul-Rashid, Mariam (CAN) (1997) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 New Balance Indoor Grand Prix (Boston, MA) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	04-Feb-24	time	2.55	3.57	4.57	5.60	6.62				8.06	1 / 8			
reaction time	0.125	interval		1.02	1.00	1.03	1.02			1.44	PB			3.05	
		velocity	5.10	8.33	8.50	8.25	8.33			9.03	7.44			8.36	

Bonds, Talie (USA) (1998) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis) *Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*

date	16-Feb-24	time	2.62	3.64	4.64	5.67	6.67				8.06	2 / 6			
reaction time	0.159	interval		1.02	1.00	1.03	1.00			1.39				3.05	
		velocity	4.96	8.33	8.50	8.25	8.50			9.35	7.44			8.36	

Kozák, Luca (HUN) (1996) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	23-Feb-24	time	2.57	3.60	4.62	5.62	6.62				8.06	7 / 6			
reaction time	0.148	interval		1.03	1.02	1.00	1.00			1.44				3.05	
		velocity	5.06	8.25	8.33	8.50	8.50			9.03	7.44			8.36	

Caravelli, Marzia (ITA) (1981) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2014 Italian National Indoor Championships (Ancona, ITA) *FIDAL - Centro Studi & Ricerche (2014) - www.youtube.com/watch?v=7_FeLg_p08Y*

date	22-Feb-14	time	2.69	3.74	4.76	5.75	6.78				8.07	6 / 2			
reaction time		interval	*7 steps*	1.05	1.02	0.99	1.03			1.29				3.06	
		velocity	4.83	8.10	8.33	8.59	8.25			10.08	7.43			8.33	

Králová, Adéla (CZE) (1996) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2019 ISTAF Indoor (Berlin, GER) (TV Analysis) *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	1-Feb-19	time	2.60	3.62	4.66	5.68	6.68				8.07	2 / 4			
reaction time	0.153	interval		1.02	1.04	1.02	1.00			1.39	=PB			3.08	
		velocity	5.00	8.33	8.17	8.33	8.50			9.35	7.43			8.28	

Chadwick, Payton (USA) (1995) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.66	3.71	4.74	5.75	6.72				8.07	3 / 3			
reaction time		interval		1.05	1.03	1.01	0.97			1.35				3.09	
		velocity	4.89	8.10	8.25	8.42	8.76			9.63	7.43			8.25	

Anderson, Britany (JAM) (2001) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.69	3.72	4.71	5.71	6.70				8.07	7 / 4			
reaction time		interval		1.03	0.99	1.00	0.99			1.37	NJR PB			3.02	
		velocity	4.83	8.25	8.59	8.50	8.59			9.49	7.43			8.44	

Sedney, Zoë (NED) (2001) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	19-Mar-22	time	2.54	3.58	4.60	5.62	6.64				8.07	6 / 6			
reaction time	0.169	interval		1.04	1.02	1.02	1.02			1.43				3.08	
		velocity	5.12	8.17	8.33	8.33	8.33			9.09	7.43			8.28	

Berings, Eline (BEL) (1986) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

date	01-Mar-13	time	2.59	3.63	4.68	5.70	6.71				8.08	8 / ~~6~~ 5			
reaction time	0.127	interval		1.04	1.05	1.02	1.01			1.37				3.11	
		velocity	5.02	8.17	8.10	8.33	8.42			9.49	7.43			8.20	

Cunningham, Gabriele (USA) (1998) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.56	3.60	4.62	5.64	6.64				8.08	3 / 5			
reaction time	0.176	interval		1.04	1.02	1.02	1.00			1.44				3.08	
		velocity	5.08	8.17	8.33	8.33	8.50			9.03	7.43			8.28	

Benach, Xénia (ESP) (2000) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 3 - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.60	3.66	4.66	5.66	6.70				8.08	7 / 2			
reaction time	0.124	interval		1.06	1.00	1.00	1.04			1.38				3.06	
		velocity	5.00	8.02	8.50	8.50	8.17			9.42	7.43			8.33	

Alessandrini, Sacha (FRA) (1999) **H1 H2 H3 H4 H5** **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.47	3.54	4.57	5.59	6.59				8.08	8 / 8			
reaction time	0.132	interval		1.07	1.03	1.02	1.00			1.49				3.12	

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
		velocity	5.26	7.94	8.25	8.33	8.50	8.72	7.43		8.17		

Töth, Anna (HUN) (2003)

Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	07-Mar-25	time	2.53	3.59	4.61	5.61	6.60		8.08	8 / 6			
reaction time	0.163	interval		1.06	1.02	1.00	0.99	1.48			3.08		
		velocity	5.14	8.02	8.33	8.50	8.59	8.78	7.43		8.28		

Hentschke, Nadine (GER) (1982)

FINAL - 2002 German National Indoor Championships (Sindelfingen, GER) — *Hücklekemkes (2002) - explosive starten vielfältig erlernen*

date	16-Feb-02	time	2.62	3.68	4.70	5.73	6.75		8.09	/ 2			
reaction time	0.161	interval		1.06	1.02	1.03	1.02	1.34			3.11		
wind		velocity	4.96	8.02	8.33	8.25	8.33	9.70	7.42		8.20		

Lavin, Sarah (IRL) (1994)

FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

date	19-Mar-22	time	2.54	3.58	4.62	5.64	6.64		8.09	7 / 7			
reaction time	0.152	interval		1.04	1.04	1.02	1.00	1.45			3.10		
		velocity	5.12	8.17	8.17	8.33	8.50	8.97	7.42		8.23		

Pedersen, Isabelle (NOR) (1992)

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.67	3.69	4.69	5.72	6.70		8.10	6 / 5			
reaction time		interval		1.02	1.00	1.03	0.98	1.40			3.05		
		velocity	4.87	8.33	8.50	8.25	8.67	9.29	7.41		8.36		

Brown, Janeek (JAM) (1998)

FINAL - 2020 Millrose Games (New York, NY) — *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.54	3.60	4.60	5.60	6.61		8.10	6 / 6			
reaction time	0.139	interval		1.06	1.00	1.00	1.01	1.49			3.06		
		velocity	5.12	8.02	8.50	8.50	8.42	8.72	7.41		8.33		

Jones, Cortney (USA) (1999)

FINAL - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	15-Feb-20	time	2.65	3.67	4.68	5.69	6.69		8.10	7 / 4			
reaction time	0.171	interval		1.02	1.01	1.01	1.00	1.41			3.04		
		velocity	4.91	8.33	8.42	8.42	8.50	9.22	7.41		8.39		

Graversgaard, Mette (DEN) (1995)

FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	23-Feb-24	time	2.57	3.60	4.62	5.64	6.68		8.10	8 / 7			
reaction time	0.137	interval		1.03	1.02	1.02	1.04	1.42			3.07		
		velocity	5.06	8.25	8.33	8.33	8.17	9.15	7.41		8.31		

Graversgaard, Mette (DEN) (1995)

Heat 3 - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.58	3.64	4.66	5.66	6.70		8.10	5 / 3			
reaction time	0.152	interval		1.06	1.02	1.00	1.04	1.40			3.08		
		velocity	5.04	8.02	8.33	8.50	8.17	9.29	7.41		8.28		

Forster, Viktória (SVK) (2002)

Heat 3 - 2024 World Athletics Indoor Championships (Glasgow, GBR) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	03-Mar-24	time	2.60	3.70	4.70	5.74	6.76		8.10	4 / 4			
reaction time	0.145	interval		1.10	1.00	1.04	1.02	1.34			3.14		
		velocity	5.00	7.73	8.50	8.17	8.33	9.70	7.41		8.12		

Cattaneo, Micol (ITA) (1982)

FINAL - 2013 European Indoor Championships (Göteborg, SWE) — *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

date	01-Mar-13	time	2.64	3.71	4.73	5.74	6.78		8.11	7 / ~~7~~ 6			
reaction time	0.180	interval		1.07	1.02	1.01	1.04	1.33			3.10		
		velocity	4.92	7.94	8.33	8.42	8.17	9.77	7.40		8.23		

Hall, Dior (USA) (1996)

FINAL - 2019 NCAA Indoor Championships (Birmingham, AL) (TV Analysis) — *Henson (2020) - Athlete First: 2019 year end hurdle report*

date	9-Mar-19	time	2.48	3.54	4.56	5.58	6.62		8.11	2 / 6			
reaction time	0.155	interval		1.06	1.02	1.02	1.04	1.49			3.10		
		velocity	5.24	8.02	8.33	8.33	8.17	8.72	7.40		8.23		

Elloy, Laurence (FRA) (1959)

FINAL - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	26-Jan-86	time	2.65	3.73	4.76	5.77	6.77		8.12	/ 2			
reaction time		interval		1.08	1.03	1.01	1.00	1.35			3.12		
		velocity	4.91	7.87	8.25	8.42	8.50	9.63	7.39		8.17		

Grauvogel, Louisa (GER) (1996)
FINAL - 2019 ISTAF Indoor (Berlin, GER) (TV Analysis)
Henson (2020) - Athlete First: 2019 year end hurdle report

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	1-Feb-19	time	2.62	3.66	4.70	5.72	6.74		8.12	1 / 5			
reaction time	0.138	interval		1.04	1.04	1.02	1.02	1.38	PB		3.10		
		velocity	4.96	8.17	8.17	8.33	8.33	9.42	7.39		8.23		

Anderson, Britany (JAM) (2001)
Heat 2 - 2020 New Balance Indoor Grand Prix (Boston, MA)
PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.72	3.75	4.74	5.74	6.72		8.12	6 / 3			
reaction time		interval		1.03	0.99	1.00	0.98	1.40	PB		3.02		
		velocity	4.78	8.25	8.59	8.50	8.67	9.29	7.39		8.44		

Castlin, Kristi (USA) (1988)
FINAL - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)
CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.65	3.70	4.73	5.74	6.74		8.12	1 / 5			
reaction time	0.166	interval		1.05	1.03	1.01	1.00	1.38			3.09		
		velocity	4.91	8.10	8.25	8.42	8.50	9.42	7.39		8.25		

Lin Yuwei (CHN) (1999)
A FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)
CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.64	3.68	4.72	5.74	6.77		8.12	5 / 1			
reaction time	0.158	interval		1.04	1.04	1.02	1.03	1.35	PB		3.10		
		velocity	4.92	8.17	8.17	8.33	8.25	9.63	7.39		8.23		

Bapte, Laeticia (FRA) (1999)
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)
European Athletics (2025) - european athletics indoor championships results book

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-25	time	2.45	3.50	4.52	5.53	6.54		8.12	5 / 7			
reaction time	0.166	interval		1.05	1.02	1.01	1.01	1.58			3.08		
		velocity	5.31	8.10	8.33	8.42	8.42	8.23	7.39		8.28		

Beiter Bomme, Ida (DEN) (2001)
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)
European Athletics (2025) - european athletics indoor championships results book

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	07-Mar-25	time	2.49	3.56	4.59	5.60	6.61		8.12	7 / 8			
reaction time	0.136	interval		1.07	1.03	1.01	1.01	1.51			3.11		
		velocity	5.22	7.94	8.25	8.42	8.42	8.61	7.39		8.20		

Piquereau, Anne (FRA) (1964)
Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA)
Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.67	3.74	4.76	5.76	6.78		8.13	/ 1			
reaction time		interval		1.07	1.02	1.00	1.02	1.35			3.09		
		velocity	4.87	7.94	8.33	8.50	8.33	9.63	7.38		8.25		

Chadwick, Payton (USA) (1995)
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)
PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.63	3.67	4.71	5.73	6.69		8.13	2 / 6			
reaction time		interval		1.04	1.04	1.02	0.96	1.44			3.10		
		velocity	4.94	8.17	8.17	8.33	8.85	9.03	7.38		8.23		

Bougard, Erica (USA) (1993)
FINAL - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)
CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.67	3.73	4.75	5.75	6.75		8.13	8 / 6			
reaction time	0.143	interval		1.06	1.02	1.00	1.00	1.38			3.08		
		velocity	4.87	8.02	8.33	8.50	8.50	9.42	7.38		8.28		

Dai Yiru (CHN) (2001)
FINAL - 2021 National Indoor Grand Prix (Jinan, CHN)
CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Mar-21	time	2.60	3.65	4.71	5.74	6.75		8.13	4 / 1			
reaction time	0.161	interval		1.05	1.06	1.03	1.01	1.38	PB		3.14		
		velocity	5.00	8.10	8.02	8.25	8.42	9.42	7.38		8.12		

Lin Yuwei (CHN) (1999)
Heat 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN)
Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.58	3.64	4.66	5.71	6.74		8.13	3 / 1			
reaction time	0.153	interval		1.06	1.02	1.05	1.03	1.39			3.13		
		velocity	5.04	8.02	8.33	8.10	8.25	9.35	7.38		8.15		

Williams, Jeanine (JAM) (1997)
Heat 1 - 2020 New Balance Indoor Grand Prix (Boston, MA)
PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.61	3.66	4.68	5.71	6.71		8.14	6 / 4			
reaction time		interval		1.05	1.02	1.03	1.00	1.43			3.10		
		velocity	4.98	8.10	8.33	8.25	8.50	9.09	7.37		8.23		

Williams, Jeanine (JAM) (1997)

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)

PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.59	3.63	4.67	5.69	6.69		8.14	1 / 7			
reaction time		interval		1.04	1.04	1.02	1.00	1.45			3.10		
		velocity	5.02	8.17	8.17	8.33	8.50	8.97	7.37		8.23		

Jones, Cortney (USA) (1999)

Heat 2 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.67	3.72	4.72	5.73	6.74		8.14	3 / 3			
reaction time	0.175	interval		1.05	1.00	1.01	1.01	1.40			3.06		
		velocity	4.87	8.10	8.50	8.42	8.42	9.29	7.37		8.33		

Chen Jiamin (CHN) (1996)

FINAL - 2021 National Indoor Grand Prix (Jinan, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Mar-21	time	2.59	3.65	4.69	5.73	6.77		8.14	3 / 2			
reaction time	0.133	interval		1.06	1.04	1.04	1.04	1.37	PB		3.14		
		velocity	5.02	8.02	8.17	8.17	8.17	9.49	7.37		8.12		

Lin Yuwei (CHN) (1999)

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN)

Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.62	3.66	4.72	5.77	6.78		8.14	6 / 1			
reaction time	0.158	interval		1.04	1.06	1.05	1.01	1.36			3.15		
		velocity	4.96	8.17	8.02	8.10	8.42	9.56	7.37		8.10		

Elloy, Laurence (FRA) (1959)

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA)

Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.68	3.76	4.78	5.78	6.79		8.15	/ 2			
reaction time		interval		1.08	1.02	1.00	1.01	1.36			3.10		
		velocity	4.85	7.87	8.33	8.50	8.42	9.56	7.36		8.23		

Bougard, Erica (USA) (1993)

Heat 2 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.68	3.75	4.77	5.77	6.77		8.16	5 / 4			
reaction time	0.161	interval		1.07	1.02	1.00	1.00	1.39			3.09		
		velocity	4.85	7.94	8.33	8.50	8.50	9.35	7.35		8.25		

Howell, Jackie (USA) (1996)

Heat 1 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.67	3.73	4.77	5.78	6.79		8.17	4 / 3			
reaction time	0.154	interval		1.06	1.04	1.01	1.01	1.38			3.11		
		velocity	4.87	8.02	8.17	8.42	8.42	9.42	7.34		8.20		

Borsi, Veronica (ITA) (1987)

FINAL - 2012 Italian National Indoor Championships (Ancona, ITA)

FIDAL - Centro Studi & Ricerche (2012) - www.youtube.com/watch?v=_GzCppvayL8

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.70	3.73	4.77	5.77	6.79		8.18	3 / ~~2~~ 1			
reaction time		interval		1.03	1.04	1.00	1.02	1.39	PB		3.07		
		velocity	4.81	8.25	8.17	8.50	8.33	9.35	7.33		8.31		

Charlton, Devynne (BAH) (1995)

FINAL - 2018 IAAF World Indoor Championships (Birmingham, GBR)

Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	03-Mar-18	time	2.59	3.63	4.69	5.71	6.75		8.18	8 / 8			
reaction time	0.158	interval		1.04	1.06	1.02	1.04	1.43			3.12		
		velocity	5.02	8.17	8.02	8.33	8.17	9.09	12.22		8.17		

Sloan, Emily (USA) (2000)

FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-20	time	2.67	3.70	4.76	5.77	6.82		8.18	4 / 1			
reaction time		interval		1.03	1.06	1.01	1.05	1.36	PB		3.10		
		velocity	4.87	8.25	8.02	8.42	8.10	9.56	7.33		8.23		

Wu Yanni (CHN) (1997)

B FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.67	3.73	4.78	5.80	6.82		8.18	4 / 1			
reaction time	0.140	interval		1.06	1.05	1.02	1.02	1.36	PB		3.13		
		velocity	4.87	8.02	8.10	8.33	8.33	9.56	7.33		8.15		

Ewanjé-Epée, Monique (FRA) (1967)

Heat ? - 1986 French National Indoor Championships (Lievin, FRA)

Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.63	3.70	4.74	5.77	6.78		8.19	/ 3			
reaction time		interval		1.07	1.04	1.03	1.01	1.41			3.14		
		velocity	4.94	7.94	8.17	8.25	8.42	9.22	7.33		8.12		

Ewanjé-Epée, Monique (FRA) (1967) H1 H2 H3 H4 H5 Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.62	3.69	4.73	5.74	6.78		8.19	/ 3
reaction time		interval		1.07	1.04	1.01	1.04	1.41		3.12
		velocity	4.96	7.94	8.17	8.42	8.17	9.22	7.33	8.17

Neziri, Nooralotta (FIN) (1992)

FINAL - 2013 European Indoor Championships (Göteborg, SWE) — *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Mar-13	time	2.65	3.74	4.78	5.79	6.80		8.19	1 / ~~8~~ 7			
reaction time	0.143	interval		1.09	1.04	1.01	1.01	1.39			3.14		
		velocity	4.91	7.80	8.17	8.42	8.42	9.35	7.33		8.12		

Castlin, Kristi (USA) (1988)

Heat 1 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.62	3.70	4.75	5.79	6.80		8.19	5 / 4			
reaction time	0.136	interval		1.08	1.05	1.04	1.01	1.39			3.17		
		velocity	4.96	7.87	8.10	8.17	8.42	9.35	7.33		8.04		

Wu Yanni (CHN) (1997)

Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.67	3.72	4.74	5.77	6.77		8.19	7 / 1			
reaction time	0.167	interval		1.05	1.02	1.03	1.00	1.42			3.10		
		velocity	4.87	8.10	8.33	8.25	8.50	9.15	7.33		8.23		

Wu Yanni (CHN) (1997)

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.67	3.74	4.76	5.79	6.81		8.19	5 / 2			
reaction time	0.183	interval		1.07	1.02	1.03	1.02	1.38			3.12		
		velocity	4.87	7.94	8.33	8.25	8.33	9.42	7.33		8.17		

Jones, Cortney (USA) (1999)

FINAL - 2024 Villa de Madrid Indoor Meeting (Madrid, ESP) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	23-Feb-24	time	2.70	3.72	4.74	5.74	6.76		8.19	1 / 8			
reaction time	0.151	interval		1.02	1.02	1.00	1.02	1.43			3.04		
		velocity	4.81	8.33	8.33	8.50	8.33	9.09	7.33		8.39		

Ewanjé-Epée, Monique (FRA) (1967)

FINAL - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	26-Jan-86	time	2.65	3.76	4.80	5.83	6.84		8.20	/ 3			
reaction time		interval		1.11	1.04	1.03	1.01	1.36			3.18		
		velocity	4.91	7.66	8.17	8.25	8.42	9.56	7.32		8.02		

Porter, Tiffany (GBR) (1987)

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.66	3.73	4.76	5.78	6.79		8.21	8 / 8			
reaction time		interval		1.07	1.03	1.02	1.01	1.42			3.12		
		velocity	4.89	7.94	8.25	8.33	8.42	9.15	7.31		8.17		

Moore, Tawnie (USA) (1995)

Heat 1 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	15-Feb-20	time	2.65	3.72	4.77	5.79	6.82		8.21	7 / 5			
reaction time	0.147	interval		1.07	1.05	1.02	1.03	1.39			3.14		
		velocity	4.91	7.94	8.10	8.33	8.25	9.35	7.31		8.12		

Rehwagen, Corinna (GER) (1981)

FINAL - 2002 German National Indoor Championships (Sindelfingen, GER) — *Hücklekemkes (2002) - explosive starten vielfältig erlernen*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-02	time	2.66	3.73	4.78	5.82	6.88		8.22	/ 3			
reaction time	0.149	interval		1.07	1.05	1.04	1.06	1.34			3.16		
wind		velocity	4.89	7.94	8.10	8.17	8.02	9.70	7.30		8.07		

Xia Sining (CHN) (2003)

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.72	3.78	4.82	5.82	6.89		8.22	3 / 3			
reaction time	0.183	interval		1.06	1.04	1.00	1.07	1.33	PB		3.10		
		velocity	4.78	8.02	8.17	8.50	7.94	9.77	7.30		8.23		

Piquereau, Anne (FRA) (1964)

Heat ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.60	3.68	4.73	5.75	6.79		8.23	/ 1			
reaction time		interval		1.08	1.05	1.02	1.04	1.44			3.15		
		velocity	5.00	7.87	8.10	8.33	8.17	9.03	7.29		8.10		

Taylor, Naomi (USA) (1998)

FINAL - 2020 Leonard Hilton Memorial Invitational (Houston, TX) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

date	17-Jan-20	time	2.54	3.57	4.63	5.66	6.69			8.23	4 / 1		
reaction time		interval		1.03	1.06	1.03	1.03	1.54				3.12	
		velocity	5.12	8.25	8.02	8.25	8.25	8.44	7.29			8.17	

Wu Yanni (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) — *Shandong Athletics Sport Science (2023)*

date	27-Feb-23	time	2.65	3.71	4.75	5.78	6.82			8.23	4 / 1		
reaction time	0.149	interval		1.06	1.04	1.03	1.04	1.41				3.13	
		velocity	4.91	8.02	8.17	8.25	8.17	9.22	12.15			8.15	

Kaftandjan, Isabelle (FRA) (1964) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	26-Jan-86	time	2.66	3.72	4.78	5.81	6.84			8.24	/ 4		
reaction time		interval		1.06	1.06	1.03	1.03	1.40				3.15	
		velocity	4.89	8.02	8.02	8.25	8.25	9.29	7.28			8.10	

Porter, Tiffany (GBR) (1987) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 2 - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-20	time	2.67	3.76	4.79	5.81	6.83			8.24	3 / 4		
reaction time		interval		1.09	1.03	1.02	1.02	1.41				3.14	
		velocity	4.87	7.80	8.25	8.33	8.33	9.22	7.28			8.12	

Dyer, Danae (USA) (2000) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*

date	01-Feb-20	time	2.65	3.75	4.77	5.82	6.86			8.24	5 / 1		
reaction time		interval		1.10	1.02	1.05	1.04	1.38	PB			3.17	
		velocity	4.91	7.73	8.33	8.10	8.17	9.42	7.28			8.04	

Chardonnet, Michèle (FRA) (1956) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	26-Jan-86	time	2.67	3.75	4.80	5.84	6.86			8.26	/ 5		
reaction time		interval		1.08	1.05	1.04	1.02	1.40				3.17	
		velocity	4.87	7.87	8.10	8.17	8.33	9.29	7.26			8.04	

Klüft, Carolina (SWE) (1983) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN) — *Blomkvist (2011) - www.sub13.se*

date	05-Feb-11	time	2.48	3.62	4.64	5.68	6.72			8.26	/ 2		
reaction time		interval		1.14	1.02	1.04	1.04	1.54				3.20	
		velocity	5.24	7.46	8.33	8.17	8.17	8.44	7.26			7.97	

Carter, Kori (USA) (1992) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Leonard Hilton Memorial Invitational (Houston, TX) — *CAA Hurdle Development (2020)*

date	17-Jan-20	time	2.55	3.62	4.67	5.71	6.76			8.26	3 / 2		
reaction time		interval		1.07	1.05	1.04	1.05	1.50				3.16	
		velocity	5.10	7.94	8.10	8.17	8.10	8.67	7.26			8.07	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 2 - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*

date	01-Feb-20	time	2.65	3.72	4.77	5.82	6.86			8.26	4 / 1		
reaction time		interval		1.07	1.05	1.05	1.04	1.40	PB			3.17	
		velocity	4.91	7.94	8.10	8.10	8.17	9.29	7.26			8.04	

Chen Yinfeng (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.64	3.70	4.75	5.82	6.87			8.26	7 / 5		
reaction time	0.166	interval		1.06	1.05	1.07	1.05	1.39				3.18	
		velocity	4.92	8.02	8.10	7.94	8.10	9.35	7.26			8.02	

Samuel, Aleesa (USA) (2007) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2024 Millrose Games (New York, NY) (TV Analysis) — *Henson (2024) Athlete First: Devynne Charlton 2024 Women's 60m Hurdles World Indoor Record*

date	11-Feb-24	time	2.58	3.64	4.70	5.74	6.82			8.26	9 / 9		
reaction time	0.202	interval		1.06	1.06	1.04	1.08	1.44	PB			3.16	
		velocity	5.04	8.02	8.02	8.17	7.87	9.03	7.26			8.07	

Elloy, Laurence (FRA) (1959) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.63	3.70	4.75	5.76	6.80			8.27	/ 2		
reaction time		interval		1.07	1.05	1.01	1.04	1.47				3.13	
		velocity	4.94	7.94	8.10	8.42	8.17	8.84	7.26			8.15	

Dyer, Danae (USA) (2000) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 1 - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*

date	01-Feb-20	time	2.67	3.74	4.80	5.84	6.86			8.27	5 / 1		

reaction time		interval		1.07	1.06	1.04	1.02	1.41	PB		3.17	
		velocity	4.87	7.94	8.02	8.17	8.33	9.22	7.26		8.04	

Sallaz, Christine (FRA) (1961) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.71	3.80	4.84	5.87	6.90		8.28	/ 3		
reaction time		interval		1.09	1.04	1.03	1.03	1.38			3.16	
		velocity	4.80	7.80	8.17	8.25	8.25	9.42	7.25		8.07	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*

date	01-Feb-20	time	2.70	3.76	4.82	5.84	6.91		8.28	4 / 2		
reaction time		interval		1.06	1.06	1.02	1.07	1.37			3.14	
		velocity	4.81	8.02	8.02	8.33	7.94	9.49	7.25		8.12	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.72	3.79	4.83	5.87	6.90		8.28	6 / 2		
reaction time		interval		1.07	1.04	1.04	1.03	1.38			3.15	
		velocity	4.78	7.94	8.17	8.17	8.25	9.42	7.25		8.10	

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.67	3.74	4.78	5.82	6.85		8.28	4 / 4		
reaction time	0.179	interval		1.07	1.04	1.04	1.03	1.43			3.15	
		velocity	4.87	7.94	8.17	8.17	8.25	9.09	7.25		8.10	

Braun, Sabine (GER) (1965) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2002 German National Indoor Championships (Sindelfingen, GER) — *Hücklekemkes (2002) - explosive starten vielfältig erlernen*

date	16-Feb-02	time	2.68	3.74	4.80	5.84	6.88		8.29	/ 4		
reaction time	0.167	interval		1.06	1.06	1.04	1.04	1.41			3.16	
wind		velocity	4.85	8.02	8.02	8.17	8.17	9.22	7.24		8.07	

Kaftandjan, Isabelle (FRA) (1964) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.68	3.77	4.78	5.83	6.87		8.30	/ 1		
reaction time		interval		1.09	1.01	1.05	1.04	1.43			3.15	
		velocity	4.85	7.80	8.42	8.10	8.17	9.09	7.23		8.10	

Kaftandjan, Isabelle (FRA) (1964) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.69	3.76	4.83	5.85	6.90		8.30	/ 1		
reaction time		interval		1.07	1.07	1.02	1.05	1.40			3.16	
		velocity	4.83	7.94	7.94	8.33	8.10	9.29	7.23		8.07	

Beattie, Danielle (USA) (2001) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*

date	01-Feb-20	time	2.74	3.79	4.83	5.89	6.94		8.30	3 / 3		
reaction time		interval		1.05	1.04	1.06	1.05	1.36			3.15	
		velocity	4.74	8.10	8.17	8.02	8.10	9.56	7.23		8.10	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final 1 - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.73	3.80	4.84	5.87	6.92		8.30	1 / 2		
reaction time		interval		1.07	1.04	1.03	1.05	1.38			3.14	
		velocity	4.76	7.94	8.17	8.25	8.10	9.42	7.23		8.12	

Harrison, Michelle (CAN) (1992) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.70	3.79	4.83	5.87	6.92		8.31	5 / 3		
reaction time		interval		1.09	1.04	1.04	1.05	1.39			3.17	
		velocity	4.81	7.80	8.17	8.17	8.10	9.35	7.22		8.04	

Xia Sining (CHN) (2003) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.75	3.83	4.87	5.90	6.93		8.31	5 / 2		
reaction time	0.206	interval		1.08	1.04	1.03	1.03	1.38			3.15	
		velocity	4.73	7.87	8.17	8.25	8.25	9.42	7.22		8.10	

Neziri, Nooralotta (FIN) (1992) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN) — *Blomkvist (2011) - www.sub13.se*

date	05-Feb-11	time	2.54	3.64	4.68	5.74	6.80		8.32	/ 3		
reaction time		interval		1.10	1.04	1.06	1.06	1.52			3.20	

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
		velocity	5.12	7.73	8.17	8.02	8.02	8.55	7.21			7.97	

Chen Jiamin (CHN) (1996)

B-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.67	3.72	4.79	5.84	6.89		8.32	3 / 1			
reaction time		interval		1.05	1.07	1.05	1.05	1.43	PB			3.17	
		velocity	4.87	8.10	7.94	8.10	8.10	9.09	7.21			8.04	

Jones, Lolo (USA) (1982)

Heat 1 - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-20	time	2.66	3.73	4.80	5.83	6.91		8.32	7 / 5			
reaction time		interval		1.07	1.07	1.03	1.08	1.41				3.17	
		velocity	4.89	7.94	7.94	8.25	7.87	9.22	7.21			8.04	

Caicedo, Maribel (ECU) (1998)

FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-20	time	2.72	3.78	4.84	5.86	6.92		8.32	2 / 4			
reaction time		interval		1.06	1.06	1.02	1.06	1.40				3.14	
		velocity	4.78	8.02	8.02	8.33	8.02	9.29	7.21			8.12	

Wu Yanni (CHN) (1997)

Heat 3 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.70	3.77	4.82	5.85	6.87		8.32	5 / 1			
reaction time	0.171	interval		1.07	1.05	1.03	1.02	1.45	PB			3.15	
		velocity	4.81	7.94	8.10	8.25	8.33	8.97	7.21			8.10	

Liu Jingyang (CHN) (1997)

Race 1 - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) — *Shandong Athletics Sport Science (2024)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	27-Feb-24	time	2.67	3.74	4.79	5.84	6.89		8.32	4 / 1			
reaction time		interval		1.07	1.05	1.05	1.05	1.43				3.17	
		velocity	4.87	7.94	8.10	8.10	8.10	9.09	12.02			8.04	

Komoll, Jennifer (GER) (1980)

FINAL - 2002 German National Indoor Championships (Sindelfingen, GER) — *Hücklekemkes (2002) - explosive starten vielfältig erlernen*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Feb-02	time	2.64	3.76	4.78	5.82	6.89		8.33	/ 5			
reaction time	0.119	interval		1.12	1.02	1.04	1.07	1.44				3.18	
wind		velocity	4.92	7.59	8.33	8.17	7.94	9.03	7.20			8.02	

You Na (CHN) (1993)

FINAL - 2020 Leonard Hilton Memorial Invitational (Houston, TX) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	17-Jan-20	time	2.57	3.65	4.70	5.76	6.81		8.33	5 / 3			
reaction time		interval		1.08	1.05	1.06	1.05	1.52	PB			3.19	
		velocity	5.06	7.87	8.10	8.02	8.10	8.55	7.20			7.99	

Sallaz, Christine (FRA) (1961)

FINAL - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	26-Jan-86	time	2.70	3.82	4.90	5.93	6.99		8.34	/ 6			
reaction time		interval		1.12	1.08	1.03	1.06	1.35				3.23	
		velocity	4.81	7.59	7.87	8.25	8.02	9.63	7.19			7.89	

Chen Yinfeng (CHN) (1998)

B FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.67	3.78	4.84	5.87	6.92		8.34	6 / 2			
reaction time	0.159	interval		1.11	1.06	1.03	1.05	1.42	=PB			3.20	
		velocity	4.87	7.66	8.02	8.25	8.10	9.15	7.19			7.97	

Luo Xianyan (CHN) (1997)

FINAL - 2021 National Indoor Grand Prix (Jinan, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Mar-21	time	2.66	3.74	4.79	5.84	6.87		8.34	6 / 3			
reaction time	0.168	interval		1.08	1.05	1.05	1.03	1.47	PB			3.18	
		velocity	4.89	7.87	8.10	8.10	8.25	8.84	7.19			8.02	

Shi Jiali (CHN) (1997)

A-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.65	3.74	4.80	5.84	6.91		8.35	3 / 1			
reaction time		interval		1.09	1.06	1.04	1.07	1.44	PB			3.19	
		velocity	4.91	7.80	8.02	8.17	7.94	9.03	7.19			7.99	

Wang Dou (CHN) (1993)

B-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.71	3.79	4.86	5.90	6.96		8.35	5 / 2			
reaction time		interval		1.08	1.07	1.04	1.06	1.39				3.19	
		velocity	4.80	7.87	7.94	8.17	8.02	9.35	7.19			7.99	

Hicks, Jada (USA) (2000)

FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-20	time	2.67	3.74	4.82	5.86	6.93		8.35	1 / 5			
reaction time		interval		1.07	1.08	1.04	1.07	1.42			3.19		
		velocity	4.87	7.94	7.87	8.17	7.94	9.15	7.19		7.99		

Sallaz, Christine (FRA) (1961)

Heat ? - 1986 French National Indoor Championships (Lievin, FRA)

Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.66	3.75	4.84	5.91	6.95		8.36	/ 3			
reaction time		interval		1.09	1.09	1.07	1.04	1.41			3.25		
		velocity	4.89	7.80	7.80	7.94	8.17	9.22	7.18		7.85		

Linde, Sofia (SWE) (1995)

Pentathlon - Heat 2 - 2013 European Indoor Championships (Göteborg, SWE)

Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	01-Mar-13	time	2.73	3.80	4.86	5.90	6.94		8.36	5 / 5			
reaction time	0.165	interval		1.07	1.06	1.04	1.04	1.42			3.17		
		velocity	4.76	7.94	8.02	8.17	8.17	9.15	7.18		8.04		

You Na (CHN) (1993)

A-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.69	3.77	4.84	5.89	7.04		8.36	3 / 1			
reaction time		interval		1.08	1.07	1.05	1.15	1.32	PB		3.20		
		velocity	4.83	7.87	7.94	8.10	7.39	9.85	7.18		7.97		

Chen Jiamin (CHN) (1996)

B-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	4-Mar-19	time	2.66	3.74	4.80	5.86	6.94		8.37	3 / 1			
reaction time		interval		1.08	1.06	1.06	1.08	1.43	PB		3.20		
		velocity	4.89	7.87	8.02	8.02	7.87	9.09	7.17		7.97		

You Na (CHN) (1993)

Heat 3 - 2020 Leonard Hilton Memorial Invitational (Houston, TX)

CAA Hurdle Development (2020)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	17-Jan-20	time	2.55	3.67	4.72	5.77	6.82		8.37	4 / 1			
reaction time		interval		1.12	1.05	1.05	1.05	1.55			3.22		
		velocity	5.10	7.59	8.10	8.10	8.10	8.39	7.17		7.92		

Grimont, Corinne (FRA) (1963)

Heat ? - 1986 French National Indoor Championships (Lievin, FRA)

Aubert (1986) - indoor - video - haies, etude des performances

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.73	3.80	4.88	5.92	6.98		8.38	/ 4			
reaction time		interval		1.07	1.08	1.04	1.06	1.40			3.19		
		velocity	4.76	7.94	7.87	8.17	8.02	9.29	7.16		7.99		

Pedersen, Isabelle (NOR) (1992)

FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN)

Blomkvist (2011) - www.sub13.se

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	05-Feb-11	time	2.56	3.64	4.68	5.74	6.80		8.38	/ 4			
reaction time		interval		1.08	1.04	1.06	1.06	1.58			3.18		
		velocity	5.08	7.87	8.17	8.02	8.02	8.23	7.16		8.02		

Luo Xianyan (CHN) (1997)

B FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.69	3.78	4.86	5.90	6.94		8.38	3 / 3			
reaction time	0.171	interval		1.09	1.08	1.04	1.04	1.44			3.21		
		velocity	4.83	7.80	7.87	8.17	8.17	9.03	7.16		7.94		

Xiao Juxiu (CHN) (1998)

B FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.68	3.78	4.85	5.90	6.96		8.38	5 / 4			
reaction time	0.151	interval		1.10	1.07	1.05	1.06	1.42	PB		3.22		
		velocity	4.85	7.73	7.94	8.10	8.02	9.15	7.16		7.92		

Shi Jiali (CHN) (1997)

Heat 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN)

Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.67	3.75	4.84	5.87	6.91		8.38	5 / 2			
reaction time	0.189	interval		1.08	1.09	1.03	1.04	1.47			3.20		
		velocity	4.87	7.87	7.80	8.25	8.17	8.84	7.16		7.97		

Shi Jiali (CHN) (1997)

A-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.65	3.74	4.81	5.87	6.94		8.39	4 / 2			
reaction time		interval		1.09	1.07	1.06	1.07	1.45			3.22		
		velocity	4.91	7.80	7.94	8.02	7.94	8.97	7.15		7.92		

Rusnak, Hannah (USA) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
FINAL - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*
date 14-Feb-20 time 2.64 3.72 4.79 5.84 6.92 — 8.39 7 / 6
reaction time interval 1.08 1.07 1.05 1.08 — 1.47 — 3.20
velocity 4.92 7.87 7.94 8.10 7.87 — 8.84 7.15 7.97

Sena, Françoise (FRA) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*
date 25-Jan-86 time 2.74 3.83 4.91 5.94 6.98 — 8.40 / 5
reaction time interval 1.09 1.08 1.03 1.04 — 1.42 — 3.20
velocity 4.74 7.80 7.87 8.25 8.17 — 9.15 7.14 7.97

Tuvesson, Emma (SWE) (1991) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN) — *Blomkvist (2011) - www.sub13.se*
date 05-Feb-11 time 2.58 3.68 4.76 5.82 6.88 — 8.40 / 5
reaction time interval 1.10 1.08 1.06 1.06 — 1.52 — 3.24
velocity 5.04 7.73 7.87 8.02 8.02 — 8.55 7.14 7.87

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
A-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*
date 20-Feb-19 time 2.68 3.74 4.81 5.88 6.96 — 8.40 3 / 1
reaction time interval 1.06 1.07 1.07 1.08 — 1.44 PB 3.20
velocity 4.85 8.02 7.94 7.94 7.87 — 9.03 7.14 7.97

Dai Yiru (CHN) (2001) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
A-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*
date 20-Mar-19 time 2.70 3.77 4.87 5.89 6.96 — 8.40 5 / 3
reaction time interval 1.07 1.10 1.02 1.07 — 1.44 PB 3.19
velocity 4.81 7.94 7.73 8.33 7.94 — 9.03 7.14 7.99

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
FINAL - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*
date 01-Feb-20 time 2.70 3.77 4.84 5.90 6.94 — 8.40 6 / 4
reaction time interval 1.07 1.07 1.06 1.04 — 1.46 — 3.20
velocity 4.81 7.94 7.94 8.02 8.17 — 8.90 7.14 7.97

Thimm, Annette (GER) (1977) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
FINAL - 2002 German National Indoor Championships (Sindelfingen, GER) — *Hücklekemkes (2002) - explosive starten vielfältig erlernen*
date 16-Feb-02 time 2.78 3.88 4.94 5.98 7.04 — 8.41 / 6
reaction time 0.199 interval 1.10 1.06 1.04 1.06 — 1.37 — 3.20
wind velocity 4.68 7.73 8.02 8.17 8.02 — 9.49 7.13 7.97

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
A-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*
date 4-Mar-19 time 2.72 3.80 4.87 5.90 6.96 — 8.41 3 / 1
reaction time interval 1.08 1.07 1.03 1.06 — 1.45 PB 3.18
velocity 4.78 7.87 7.94 8.25 8.02 — 8.97 7.13 8.02

Dai Yiru (CHN) (2001) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
A-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*
date 4-Mar-19 time 2.67 3.75 4.82 5.84 6.87 — 8.41 5 / 2
reaction time interval 1.08 1.07 1.02 1.03 — 1.54 =PB 3.17
velocity 4.87 7.87 7.94 8.33 8.25 — 8.44 7.13 8.04

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
Heat 1 - 2020 Mountain T's Invitational (Flagstaff AZ) (Altitude) — *CAA Hurdle Development (2020)*
date 01-Feb-20 time 2.74 3.80 4.88 5.93 6.97 — 8.41 4 / 2
reaction time interval 1.06 1.08 1.05 1.04 — 1.44 — 3.19
velocity 4.74 8.02 7.87 8.10 8.17 — 9.03 7.13 7.99

Sena, Françoise (FRA) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
Heat ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*
date 25-Jan-86 time 2.71 3.81 4.88 5.92 6.98 — 8.42 / 5
reaction time interval 1.10 1.07 1.04 1.06 — 1.44 — 3.21
velocity 4.80 7.73 7.94 8.17 8.02 — 9.03 7.13 7.94

Chardonnet, Michèle (FRA) (1956) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10
Heat ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*
date 25-Jan-86 time 2.69 3.78 4.86 5.92 6.96 — 8.42 / 2
reaction time interval 1.09 1.08 1.06 1.04 — 1.46 — 3.23
velocity 4.83 7.80 7.87 8.02 8.17 — 8.90 7.13 7.89

Chardonnet, Michèle (FRA) (1956) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.71	3.78	4.84	5.90	6.92		8.42	/ 2	
reaction time		interval		1.07	1.06	1.06	1.02	1.50			3.19
		velocity	4.80	7.94	8.02	8.02	8.33	8.67	7.13		7.99

Korešová, Jana (CZE) (1981) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.69	3.80	4.87	5.94	6.99		8.42	4 / 1	
reaction time	0.148	interval		1.11	1.07	1.07	1.05	1.43			3.25
		velocity	4.83	7.66	7.94	7.94	8.10	9.09	7.13		7.85

Chen Jiamin (CHN) (1996) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

date	28-Feb-19	time	2.67	3.73	4.81	5.87	6.97		8.42	4 / 1	
reaction time		interval		1.06	1.08	1.06	1.10	1.45			3.20
		velocity	4.87	8.02	7.87	8.02	7.73	8.97	7.13		7.97

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2020 Leonard Hilton Memorial Invitational (Houston, TX) — *CAA Hurdle Development (2020)*

date	17-Jan-20	time	2.59	3.64	4.71	5.77	6.82		8.42	6 / 4	
reaction time		interval		1.05	1.07	1.06	1.05	1.60			3.18
		velocity	5.02	8.10	7.94	8.02	8.10	8.13	7.13		8.02

Aidanpää, Ida (FIN) (1988) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2011 Landskamp FIN-SWE-NOR (Tammefors, FIN) — *Blomkvist (2011) - www.sub13.se*

date	05-Feb-11	time	2.56	3.66	4.72	5.76	6.80		8.43	/ 6	
reaction time		interval		1.10	1.06	1.04	1.04	1.63			3.20
		velocity	5.08	7.73	8.02	8.17	8.17	7.98	7.12		7.97

Hallin, Ellinore (SWE) (1987) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Pentathlon - Heat 1 - 2013 European Indoor Championships (Göteborg, SWE) — *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortHäck.aspx*

date	01-Mar-13	time	2.74	3.82	4.88	5.96	7.00		8.43	6 / 2	
reaction time	0.172	interval		1.08	1.06	1.08	1.04	1.43			3.22
		velocity	4.74	7.87	8.02	7.87	8.17	9.09	7.12		7.92

Wang Dou (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	20-Feb-19	time	2.73	3.82	4.89	5.96	7.00		8.43	4 / 2	
reaction time		interval		1.09	1.07	1.07	1.04	1.43			3.23
		velocity	4.76	7.80	7.94	7.94	8.17	9.09	7.12		7.89

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2020 Leonard Hilton Memorial Invitational (Houston, TX) — *CAA Hurdle Development (2020)*

date	17-Jan-20	time	2.60	3.70	4.77	5.82	6.86		8.43	6 / 2	
reaction time		interval		1.10	1.07	1.05	1.04	1.57			3.22
		velocity	5.00	7.73	7.94	8.10	8.17	8.28	7.12		7.92

Shimura, Hitomi (JPN) (1990) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final 1 - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.68	3.75	4.81	5.86	6.95		8.43	5 / 4	
reaction time		interval		1.07	1.06	1.05	1.09	1.48			3.18
		velocity	4.85	7.94	8.02	8.10	7.80	8.78	7.12		8.02

Phillips, Leah (USA) (2002) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2020 Millrose Games (New York, NY) — *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.70	3.79	4.86	5.90	6.94		8.44	1 / 7	
reaction time	0.217	interval		1.09	1.07	1.04	1.04	1.50			3.20
		velocity	4.81	7.80	7.94	8.17	8.17	8.67	7.11		7.97

Chen Yinfeng (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.71	3.80	4.88	5.94	6.99		8.44	7 / 3	
reaction time	0.181	interval		1.09	1.08	1.06	1.05	1.45			3.23
		velocity	4.80	7.80	7.87	8.02	8.10	8.97	7.11		7.89

Vokálová, Tereza (CZE) (1998) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.72	3.79	4.87	5.94	7.04		8.45	5 / 1	
reaction time	0.179	interval		1.07	1.08	1.07	1.10	1.41			3.22
		velocity	4.78	7.94	7.87	7.94	7.73	9.22	7.10		7.92

Luo Xianyan (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.72	3.82	4.89	5.94	6.99			8.45	4 / 1		
reaction time	0.174	interval		1.10	1.07	1.05	1.05	1.46				3.22	
		velocity	4.78	7.73	7.94	8.10	8.10	8.90	7.10			7.92	

Wang Qingling (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2021 National Indoor Grand Prix (Jinan, CHN) — *CAA Hurdle Development (2021)*

date	18-Mar-21	time	2.69	3.74	4.79	5.84	6.87			8.45	5 / 4		
reaction time	0.185	interval		1.05	1.05	1.05	1.03	1.58				3.15	
		velocity	4.83	8.10	8.10	8.10	8.25	8.23	7.10			8.10	

Deng Xuelin (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	20-Feb-19	time	2.73	3.82	4.89	5.96	7.00			8.46	2 / 3		
reaction time		interval		1.09	1.07	1.07	1.04	1.46				3.23	
		velocity	4.76	7.80	7.94	7.94	8.17	8.90	7.09			7.89	

Truwant, Véronique (FRA) (1965) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Semi-Final ? - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

date	25-Jan-86	time	2.67	3.78	4.88	5.93	7.01			8.46	/ 6		
reaction time		interval		1.11	1.10	1.05	1.08	1.45				3.26	
		velocity	4.87	7.66	7.73	8.10	7.87	8.97	7.09			7.82	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

date	28-Feb-19	time	2.69	3.79	4.87	5.93	7.02			8.46	5 / 2		
reaction time		interval		1.10	1.08	1.06	1.09	1.44	PB			3.24	
		velocity	4.83	7.73	7.87	8.02	7.80	9.03	7.09			7.87	

Wang Dou (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

B-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	24-Feb-19	time	2.73	3.84	4.92	5.99	7.06			8.47	4 / 1		
reaction time		interval		1.11	1.08	1.07	1.07	1.41				3.26	
		velocity	4.76	7.66	7.87	7.94	7.94	9.22	7.08			7.82	

Jie Zhimao (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

B-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

date	28-Feb-19	time	2.68	3.82	4.92	6.01	7.09			8.47	4 / 1		
reaction time		interval		1.14	1.10	1.09	1.08	1.38	PB			3.33	
		velocity	4.85	7.46	7.73	7.80	7.87	9.42	7.08			7.66	

Yu Jiaru (CHN) (1999) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

date	20-Mar-19	time	2.74	3.84	4.91	5.99	7.04			8.47	2 / 4		
reaction time		interval		1.10	1.07	1.08	1.05	1.43				3.25	
		velocity	4.74	7.73	7.94	7.87	8.10	9.09	7.08			7.85	

Ellenwood, Georgia (CAN) (1995) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

FINAL - 2020 Millrose Games (New York, NY) — *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.71	3.82	4.88	5.92	6.97			8.47	2 / 8		
reaction time	0.234	interval		1.11	1.06	1.04	1.05	1.50	PB			3.21	
		velocity	4.80	7.66	8.02	8.17	8.10	8.67	7.08			7.94	

Xiao Juxiu (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.72	3.85	4.93	5.99	7.04			8.47	3 / 1		
reaction time	0.180	interval		1.13	1.08	1.06	1.05	1.43				3.27	
		velocity	4.78	7.52	7.87	8.02	8.10	9.09	7.08			7.80	

Chen Yinfeng (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.73	3.85	4.92	6.00	7.05			8.47	6 / 2		
reaction time	0.186	interval		1.12	1.07	1.08	1.05	1.42				3.27	
		velocity	4.76	7.59	7.94	7.87	8.10	9.15	7.08			7.80	

Dai Yiru (CHN) (2001) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

date	28-Feb-19	time	2.72	3.82	4.90	5.96	7.02			8.48	3 / 3		
reaction time		interval		1.10	1.08	1.06	1.06	1.46				3.24	
		velocity	4.78	7.73	7.87	8.02	8.02	8.90	7.08			7.87	

You Na (CHN) (1993) — H1 H2 H3 H4 H5 — Run-In / Official Time / Lane / Place / H1-H4 / H4-H7 / H7-H10

Heat 6 - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.59	3.69	4.74	5.80	6.89			8.48	2 / 2		

reaction time		interval		1.10	1.05	1.06	1.09	1.59			3.21		
		velocity	5.02	7.73	8.10	8.02	7.80	8.18	7.08		7.94		

Dong Jiaxin (CHN) (2004) — **FINAL** - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.74	3.82	4.89	5.96	7.00		8.48	2 / 6			
reaction time	0.183	interval		1.08	1.07	1.07	1.04	1.48	PB		3.22		
		velocity	4.74	7.87	7.94	7.94	8.17	8.78	7.08		7.92		

Korešová, Jana (CZE) (1981) — **Heat 2** - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.72	3.84	4.90	5.98	7.03		8.49	4 / 1			
reaction time	0.184	interval		1.12	1.06	1.08	1.05	1.46			3.26		
		velocity	4.78	7.59	8.02	7.87	8.10	8.90	7.07		7.82		

Shi Jiali (CHN) (1997) — **Semi-Final 2** - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-20	time	2.67	3.77	4.81	5.86	6.92		8.49	8 / 4			
reaction time		interval		1.10	1.04	1.05	1.06	1.57			3.19		
		velocity	4.87	7.73	8.17	8.10	8.02	8.28	7.07		7.99		

Wang Li (CHN) (1999) — **A-FINAL** - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Feb-19	time	2.73	3.85	4.94	6.00	7.07		8.50	5 / 4			
reaction time		interval		1.12	1.09	1.06	1.07	1.43	PB		3.27		
		velocity	4.76	7.59	7.80	8.02	7.94	9.09	7.06		7.80		

Yu Jiaru (CHN) (1999) — **A-FINAL** - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.73	3.84	4.92	6.01	7.09		8.50	2 / 2			
reaction time		interval		1.11	1.08	1.09	1.08	1.41			3.28		
		velocity	4.76	7.66	7.87	7.80	7.87	9.22	7.06		7.77		

Sääw, Ellen (SWE) (1990) — **FINAL** - 2010 Five Nations (Glasgow, GBR) — *Blomkvist (2010) - www.sub13.se*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	30-Jan-10	time	2.54	3.63	4.74	5.81	6.87		8.50	/ 6			
reaction time	0.516	interval		1.09	1.11	1.07	1.06	1.63	PB		3.27		
		velocity	5.12	7.80	7.66	7.94	8.02	7.98	7.06		7.80		

Luo Xianyan (CHN) (1997) — **FINAL** - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.72	3.79	4.87	5.92	6.99		8.50	8 / 7			
reaction time	0.174	interval		1.07	1.08	1.05	1.07	1.51			3.20		
		velocity	4.78	7.94	7.87	8.10	7.94	8.61	7.06		7.97		

Truwant, Véronique (FRA) (1965) — **Heat ?** - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.74	3.85	4.93	5.98	7.07		8.51	/ 6			
reaction time		interval		1.11	1.08	1.05	1.09	1.44			3.24		
		velocity	4.74	7.66	7.87	8.10	7.80	9.03	7.05		7.87		

Grimont, Corinne (FRA) (1963) — **Semi-Final ?** - 1986 French National Indoor Championships (Lievin, FRA) — *Aubert (1986) - indoor - video - haies, etude des performances*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Jan-86	time	2.82	3.87	4.93	5.97	6.99		8.51	/ 4			
reaction time		interval		1.05	1.06	1.04	1.02	1.52			3.15		
		velocity	4.61	8.10	8.02	8.17	8.33	8.55	7.05		8.10		

Luo Xianyan (CHN) (1997) — **B-FINAL** - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.70	3.80	4.89	5.94	7.01		8.51	4 / 3			
reaction time		interval		1.10	1.09	1.05	1.07	1.50			3.24		
		velocity	4.81	7.73	7.80	8.10	7.94	8.67	7.05		7.87		

Wang Li (CHN) (1999) — **B-FINAL** - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Mar-19	time	2.70	3.80	4.89	5.97	7.04		8.51	2 / 4			
reaction time		interval		1.10	1.09	1.08	1.07	1.47			3.27		
		velocity	4.81	7.73	7.80	7.87	7.94	8.84	7.05		7.80		

Wang Li (CHN) (1999) — **A-FINAL** - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.70	3.80	4.89	5.97	7.05		8.52	4 / 3			
reaction time		interval		1.10	1.09	1.08	1.08	1.47			3.27		

		velocity	4.81	7.73	7.80	7.87	7.87		8.84	7.04		7.80		

Yu Jiaru (CHN) (1999) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

B-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	20-Feb-19	time	2.73	3.82	4.92	6.02	7.09			8.53	3 / 1			
reaction time		interval		1.09	1.10	1.10	1.07		1.44			3.29		
		velocity	4.76	7.80	7.73	7.73	7.94		9.03	7.03		7.75		

Dong Jiaxin (CHN) (2004) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

Heat 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.72	3.82	4.90	6.00	7.07			8.53	2 / 4			
reaction time	0.151	interval		1.10	1.08	1.10	1.07		1.46			3.28		
		velocity	4.78	7.73	7.87	7.73	7.94		8.90	7.03		7.77		

Shi Jiali (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

Heat 3 - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

date	14-Feb-20	time	2.65	3.74	4.80	5.87	6.92			8.54	7 / 2			
reaction time		interval		1.09	1.06	1.07	1.05		1.62			3.22		
		velocity	4.91	7.80	8.02	7.94	8.10		8.02	7.03		7.92		

Tanaka, Hikari (JPN) (1998) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2017 Japanese National Indoor Junior Championships (Osaka, JPN) — *(2017.02.04) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

date	04-Feb-17	time	2.70	3.82	4.92	6.02	7.10			8.55	3 / 1			
reaction time		interval		1.12	1.10	1.10	1.08		1.45	PB		3.32		
		velocity	4.81	7.59	7.73	7.73	7.87		8.97	11.70		7.68		

Luo Xianyan (CHN) (1997) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	24-Feb-19	time	2.68	3.80	4.90	6.00	7.09			8.57	5 / 4			
reaction time		interval		1.12	1.10	1.10	1.09		1.48			3.32		
		velocity	4.85	7.59	7.73	7.73	7.80		8.78	7.00		7.68		

Semecká, Tereza (CZE) (1998) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.85	3.93	5.01	6.08	7.16			8.59	4 / 2			
reaction time	0.160	interval		1.08	1.08	1.07	1.08		1.43			3.23		
		velocity	4.56	7.87	7.87	7.94	7.87		9.09	6.98		7.89		

Zhong Xiaoli (CHN) (2003) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.74	3.85	4.94	6.02	7.11			8.59	6 / 2			
reaction time	0.179	interval		1.11	1.09	1.08	1.09		1.48	PB		3.28		
		velocity	4.74	7.66	7.80	7.87	7.80		8.78	6.98		7.77		

Jiang Liyunzhe (CHN) (2002) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

A FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.72	3.84	4.96	6.05	7.14			8.59	3 / 2			
reaction time	0.211	interval		1.12	1.12	1.09	1.09		1.45	PB		3.33		
		velocity	4.78	7.59	7.59	7.80	7.80		8.97	6.98		7.66		

Sääw, Ellen (SWE) (1990) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2010 Scandic Indoor Games (Huddinge, SWE) — *Blomkvist (2010) - www.sub13.se*

date	16-Jan-10	time	2.60	3.69	4.80	5.87	6.94			8.60	/ 1			
reaction time	0.200	interval		1.09	1.11	1.07	1.07		1.66			3.27		
		velocity	5.00	7.80	7.66	7.94	7.94		7.83	6.98		7.80		

Tomková, Helena (CZE) (1992) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.75	3.85	4.97	6.06	7.15			8.60	3 / 2			
reaction time	0.118	interval		1.10	1.12	1.09	1.09		1.45	PB		3.31		
		velocity	4.73	7.73	7.59	7.80	7.80		8.97	6.98		7.70		

Xiao Juxiu (CHN) (1998) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

B-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

date	20-Feb-19	time	2.77	3.87	4.99	6.10	7.19			8.60	2 / 2			
reaction time		interval		1.10	1.12	1.11	1.09		1.41			3.33		
		velocity	4.69	7.73	7.59	7.66	7.80		9.22	6.98		7.66		

Zhang Yi (CHN) (2000) — H1 H2 H3 H4 H5 — Run-In | Official Time | Lane / Place | H1-H4 | H4-H7 | H7-H10

A-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

date	4-Mar-19	time	2.68	3.77	4.87	5.95	7.07			8.60	4 / 3			
reaction time		interval		1.09	1.10	1.08	1.12		1.53			3.27		
		velocity	4.85	7.80	7.73	7.87	7.59		8.50	6.98		7.80		

Luo Xianyan (CHN) (1997)

B-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Feb-19	time	2.70	3.82	4.92	6.02	7.11		8.62	4 / 3			
reaction time		interval		1.12	1.10	1.10	1.09	1.51			3.32		
		velocity	4.81	7.59	7.73	7.73	7.80	8.61	6.96		7.68		

Lun Xinyu (CHN) (1998)

FINAL - 2021 National Indoor Grand Prix (Jinan, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Mar-21	time	2.69	3.81	4.93	6.03	7.14		8.62	2 / 5			
reaction time	0.167	interval		1.12	1.12	1.10	1.11	1.48	PB		3.34		
		velocity	4.83	7.59	7.59	7.73	7.66	8.78	6.96		7.63		

Wei Yuhui (CHN) (2002)

Heat 3 - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.77	3.87	4.95	6.02	7.09		8.64	4 / 2			
reaction time	0.171	interval		1.10	1.08	1.07	1.07	1.55	PB		3.25		
		velocity	4.69	7.73	7.87	7.94	7.94	8.39	6.94		7.85		

Luo Xianyan (CHN) (1997)

Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN)

Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.75	3.86	4.97	6.05	7.14		8.64	3 / 3			
reaction time	0.184	interval		1.11	1.11	1.08	1.09	1.50			3.30		
		velocity	4.73	7.66	7.66	7.87	7.80	8.67	6.94		7.73		

Gao Yirong (CHN) (2004)

Heat 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN)

Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.73	3.84	4.94	6.06	7.15		8.64	1 / 5			
reaction time	0.180	interval		1.11	1.10	1.12	1.09	1.49	PB		3.33		
		velocity	4.76	7.66	7.73	7.59	7.80	8.72	6.94		7.66		

Gao Yirong (CHN) (2004)

FINAL - 2023 Chinese Indoor National Championships (Tianjin, CHN)

Shandong Athletics Sport Science (2023)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	16-Mar-23	time	2.78	3.87	4.97	6.07	7.14		8.64	1 / 8			
reaction time	0.179	interval		1.09	1.10	1.10	1.07	1.50	=PB		3.29		
		velocity	4.68	7.80	7.73	7.73	7.94	8.67	6.94		7.75		

Ge Ge (CHN) (2000)

B-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.72	3.83	4.94	6.04	7.16		8.65	2 / 2			
reaction time		interval		1.11	1.11	1.10	1.12	1.49	PB		3.32		
		velocity	4.78	7.66	7.66	7.73	7.59	8.72	6.94		7.68		

Li Danyang (CHN) (1997)

B-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	28-Feb-19	time	2.77	3.90	5.02	6.14	7.26		8.65	2 / 2			
reaction time		interval		1.13	1.12	1.12	1.12	1.39	PB		3.37		
		velocity	4.69	7.52	7.59	7.59	7.59	9.35	6.94		7.57		

Zhang Yi (CHN) (2000)

A-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN)

CAA Hurdle Development (2019)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	28-Feb-19	time	2.72	3.80	4.88	6.02	7.14		8.65	2 / 4			
reaction time		interval		1.08	1.08	1.14	1.12	1.51			3.30		
		velocity	4.78	7.87	7.87	7.46	7.59	8.61	6.94		7.73		

Jiang Liyunzhe (CHN) (2002)

Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.77	3.90	5.02	6.10	7.21		8.65	2 / 3			
reaction time	0.197	interval		1.13	1.12	1.08	1.11	1.44	PB		3.33		
		velocity	4.69	7.52	7.59	7.87	7.66	9.03	6.94		7.66		

Chen Yuyang (CHN) (2002)

A FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.77	3.87	4.96	6.08	7.16		8.65	4 / 3			
reaction time	0.201	interval		1.10	1.09	1.12	1.08	1.49	PB		3.31		
		velocity	4.69	7.73	7.80	7.59	7.87	8.72	6.94		7.70		

Chen Yuyang (CHN) (2002)

Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN)

CAA Hurdle Development (2021)

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.79	3.90	5.00	6.09	7.19		8.66	1 / 4			
reaction time	0.230	interval		1.11	1.10	1.09	1.10	1.47	PB		3.30		
		velocity	4.66	7.66	7.73	7.80	7.73	8.84	6.93		7.73		

Tomková, Helena (CZE) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)								*Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*			
date 25-Feb-12 time	2.78	3.89	5.00	6.08	7.18		8.67	3 / 2			
reaction time 0.146 interval		1.11	1.11	1.08	1.10	1.49			3.30		
velocity	4.68	7.66	7.66	7.87	7.73	8.72	6.92		7.73		

Dvoráková, Katerina (CZE) (1997)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE)								*Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*			
date 14-Feb-15 time	2.81	3.94	5.05	6.15	7.26		8.67	5 / 1			
reaction time 0.146 interval		1.13	1.11	1.10	1.11	1.41			3.34		
velocity	4.63	7.52	7.66	7.73	7.66	9.22	6.92		7.63		

Penda, Helnsarah (USA)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)								*CAA Hurdle Development (2020)*			
date 15-Feb-20 time	2.70	3.82	4.92	6.02	7.12		8.67	4 / 5			
reaction time 0.168 interval		1.12	1.10	1.10	1.10	1.55			3.32		
velocity	4.81	7.59	7.73	7.73	7.73	8.39	6.92		7.68		

Guo Jinglei (CHN) (2000)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
A-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN)								*CAA Hurdle Development (2019)*			
date 4-Mar-19 time	2.72	3.82	4.92	6.02	7.12		8.68	2 / 4			
reaction time interval		1.10	1.10	1.10	1.10	1.56			3.30		
velocity	4.78	7.73	7.73	7.73	7.73	8.33	6.91		7.73		

Lin Yuwei (CHN) (1999)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21 time	2.67	3.73	4.84	5.96	7.09		8.68	6 / 3			
reaction time 0.164 interval		1.06	1.11	1.12	1.13	1.59			3.29		
velocity	4.87	8.02	7.66	7.59	7.52	8.18	6.91		7.75		

Wei Yuhui (CHN) (2002)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
B FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21 time	2.75	3.85	4.94	6.04	7.14		8.68	2 / 5			
reaction time 0.160 interval		1.10	1.09	1.10	1.10	1.54			3.29		
velocity	4.73	7.73	7.80	7.73	7.73	8.44	6.91		7.75		

Nejedlová, Michaela (CZE) (1993)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)								*Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*			
date 25-Feb-12 time	2.79	3.92	5.05	6.15	7.26		8.70	5 / 1			
reaction time 0.156 interval		1.13	1.13	1.10	1.11	1.44			3.36		
velocity	4.66	7.52	7.52	7.73	7.66	9.03	6.90		7.59		

Nejedlová, Michaela (CZE) (1993)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)								*Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*			
date 25-Feb-12 time	2.75	3.87	4.99	6.12	7.25		8.71	5 / 3			
reaction time 0.127 interval		1.12	1.12	1.13	1.13	1.46			3.37		
velocity	4.73	7.59	7.59	7.52	7.52	8.90	6.89		7.57		

Wu Zheng (CHN) (2001)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21 time	2.73	3.87	4.99	6.09	7.22		8.74	1 / 4			
reaction time 0.206 interval		1.14	1.12	1.10	1.13	1.52	PB		3.36		
velocity	4.76	7.46	7.59	7.73	7.52	8.55	6.86		7.59		

Štáhlová, Zuzana (CZE) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)								*Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*			
date 25-Feb-12 time	2.73	3.83	4.99	6.06	7.20		8.75	2 / 4			
reaction time 0.138 interval		1.10	1.16	1.07	1.14	1.55			3.33		
velocity	4.76	7.73	7.33	7.94	7.46	8.39	6.86		7.66		

Liu Miao (CHN) (2003)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21 time	3.00	4.27	5.52	6.77	8.04		9.75	2 / 6			
reaction time 0.245 interval		1.27	1.25	1.25	1.27	1.71	PB		3.77		
velocity	4.33	6.69	6.80	6.80	6.69	7.60	6.15		6.76		

Gong Qiudan (CHN) (2003)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21 time	2.77	3.90	5.05	6.16	7.27		8.76	5 / 5			
reaction time 0.194 interval		1.13	1.15	1.11	1.11	1.49			3.39		
velocity	4.69	7.52	7.39	7.66	7.66	8.72	6.85		7.52		

Gong Qiudan (CHN) (2003)

H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10

A FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.72	3.88	5.04	6.16	7.28		8.76	1 / 4			
reaction time	0.182	interval		1.16	1.16	1.12	1.12	1.48	PB		3.44		
		velocity	4.78	7.33	7.33	7.59	7.59	8.78	6.85		7.41		

Jiang Liyunzhe (CHN) (2002)

B-FINAL - 2019 Chinese Indoor National Grand Prix 1 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	20-Feb-19	time	2.77	3.90	5.04	6.17	7.30		8.77	5 / 4			
reaction time		interval		1.13	1.14	1.13	1.13	1.47	PB		3.40		
		velocity	4.69	7.52	7.46	7.52	7.52	8.84	6.84		7.50		

Žitná, Venuše (CZE) (1998)

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.73	3.90	5.04	6.15	7.31		8.78	7 / 3			
reaction time	0.243	interval		1.17	1.14	1.11	1.16	1.47			3.42		
		velocity	4.76	7.26	7.46	7.66	7.33	8.84	6.83		7.46		

Li Jinyu (CHN) (1999)

B-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.80	3.93	5.05	6.19	7.34		8.80	5 / 3			
reaction time		interval		1.13	1.12	1.14	1.15	1.46			3.39		
		velocity	4.64	7.52	7.59	7.46	7.39	8.90	6.82		7.52		

Li Mengyu (CHN) (2002)

B-FINAL - 2019 Chinese Indoor National Grand Prix 3 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	28-Feb-19	time	2.76	3.92	5.08	6.22	7.36		8.80	5 / 3			
reaction time		interval		1.16	1.16	1.14	1.14	1.44			3.46		
		velocity	4.71	7.33	7.33	7.46	7.46	9.03	6.82		7.37		

Jirmanová, Karolína (CZE) (1998)

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.80	3.94	5.06	6.22	7.34		8.82	3 / 4			
reaction time	0.475	interval		1.14	1.12	1.16	1.12	1.48			3.42		
		velocity	4.64	7.46	7.59	7.33	7.59	8.78	6.80		7.46		

Yao Hui (CHN) (2000)

B-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	24-Feb-19	time	2.77	3.93	5.07	6.19	7.32		8.82	3 / 4			
reaction time		interval		1.16	1.14	1.12	1.13	1.50			3.42		
		velocity	4.69	7.33	7.46	7.59	7.52	8.67	6.80		7.46		

Sotáková, Jana (CZE) (1992)

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.79	3.93	5.06	6.16	7.28		8.83	5 / 3			
reaction time	0.162	interval		1.14	1.13	1.10	1.12	1.55			3.37		
		velocity	4.66	7.46	7.52	7.73	7.59	8.39	6.80		7.57		

Li Danyang (CHN) (1997)

B-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	4-Mar-19	time	2.78	3.90	5.02	6.14	7.31		8.83	2 / 2			
reaction time		interval		1.12	1.12	1.12	1.17	1.52			3.36		
		velocity	4.68	7.59	7.59	7.59	7.26	8.55	6.80		7.59		

Chen Xianying (CHN) (2003)

Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.69	3.82	4.95	6.09	7.24		8.84	2 / 3			
reaction time	0.163	interval		1.13	1.13	1.14	1.15	1.60	PB		3.40		
		velocity	4.83	7.52	7.52	7.46	7.39	8.13	6.79		7.50		

Sotáková, Jana (CZE) (1992)

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.78	3.93	5.07	6.22	7.35		8.86	7 / 5			
reaction time	0.136	interval		1.15	1.14	1.15	1.13	1.51			3.44		
		velocity	4.68	7.39	7.46	7.39	7.52	8.61	6.77		7.41		

Michalská, Klára (CZE) (1993)

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.80	3.94	5.09	6.21	7.36		8.87	3 / 2			
reaction time	0.165	interval		1.14	1.15	1.12	1.15	1.51			3.41		
		velocity	4.64	7.46	7.39	7.59	7.39	8.61	6.76		7.48		

Yin Xiaoxia (CHN) (2000)

Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	13-Mar-21	time	2.87	4.00	5.12	6.24	7.35		8.87	1 / 4			
reaction time	0.245	interval		1.13	1.12	1.12	1.11	1.52	PB		3.37		
		velocity	4.53	7.52	7.59	7.59	7.66	8.55	6.76		7.57		

Štáhlová, Zuzana (CZE) (1992)

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.76	3.90	5.03	6.18	7.32		8.88	6 / 4			
reaction time	0.135	interval		1.14	1.13	1.15	1.14	1.56			3.42		
		velocity	4.71	7.46	7.52	7.39	7.46	8.33	6.76		7.46		

Li Mengyu (CHN) (2002)

B-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	4-Mar-19	time	2.77	3.93	5.09	6.24	7.36		8.89	5 / 3			
reaction time		interval		1.16	1.16	1.15	1.12	1.53			3.47		
		velocity	4.69	7.33	7.33	7.39	7.59	8.50	6.75		7.35		

Vávrová, Denisa (CZE) (1998)

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.78	3.94	5.05	6.23	7.38		8.94	2 / 5			
reaction time	0.149	interval		1.16	1.11	1.18	1.15	1.56			3.45		
		velocity	4.68	7.33	7.66	7.20	7.39	8.33	6.71		7.39		

Skálová, Annemarie (CZE) (1996)

FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE) — *Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.80	3.93	5.09	6.26	7.42		8.95	4 / 2			
reaction time	0.148	interval		1.13	1.16	1.17	1.16	1.53			3.46		
		velocity	4.64	7.52	7.33	7.26	7.33	8.50	6.70		7.37		

Hamáčková, Barbora (CZE) (1992)

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.85	4.02	5.17	6.28	7.40		8.96	2 / 5			
reaction time	0.204	interval		1.17	1.15	1.11	1.12	1.56			3.43		
		velocity	4.56	7.26	7.39	7.66	7.59	8.33	6.70		7.43		

Prochová, Hana (CZE) (1996)

FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE) — *Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.87	4.03	5.20	6.33	7.52		8.96	2 / 3			
reaction time	0.132	interval		1.16	1.17	1.13	1.19	1.44			3.46		
		velocity	4.53	7.33	7.26	7.52	7.14	9.03	6.70		7.37		

Shen Muhan (CHN) (1997)

FINAL - 2021 National Indoor Grand Prix (Jinan, CHN) — *CAA Hurdle Development (2021)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	18-Mar-21	time	2.81	3.99	5.13	6.25	7.40		8.96	1 / 6			
reaction time	0.222	interval		1.18	1.14	1.12	1.15	1.56			3.44		
		velocity	4.63	7.20	7.46	7.59	7.39	8.33	6.70		7.41		

Michalská, Klára (CZE) (1993)

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.78	4.02	5.16	6.31	7.45		8.98	6 / 6			
reaction time	0.195	interval		1.24	1.14	1.15	1.14	1.53			3.53		
		velocity	4.68	6.85	7.46	7.39	7.46	8.50	6.68		7.22		

Hamáčková, Barbora (CZE) (1992)

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.82	4.02	5.13	6.25	7.41		8.98	1 / 7			
reaction time	0.190	interval		1.20	1.11	1.12	1.16	1.57			3.43		
		velocity	4.61	7.08	7.66	7.59	7.33	8.28	6.68		7.43		

Nečinová, Anna (CZE) (1996)

FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE) — *Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	14-Feb-15	time	2.90	4.04	5.18	6.35	7.45		8.98	6 / 4			
reaction time	0.220	interval		1.14	1.14	1.17	1.10	1.53			3.45		
		velocity	4.48	7.46	7.46	7.26	7.73	8.50	6.68		7.39		

Huo Xuanyi (CHN) (1998)

B-FINAL - 2019 Chinese Indoor National Grand Prix 4 (Xi'an, CHN) — *CAA Hurdle Development (2019)*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	4-Mar-19	time	2.83	3.95	5.19	6.35	7.49		8.99	4 / 4			
reaction time		interval		1.12	1.24	1.16	1.14	1.50			3.52		
		velocity	4.59	7.59	6.85	7.33	7.46	8.67	6.67		7.24		

Komrsková, Aneta (CZE) (1992)

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
date	25-Feb-12	time	2.79	3.98	5.11	6.25	7.38		9.00	2 / 3			

reaction time	0.145	interval		1.19	1.13	1.14	1.13	1.62			3.46		
		velocity	4.66	7.14	7.52	7.46	7.52	8.02	6.67		7.37		

Chen Xianying (CHN) (2003) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

A FINAL - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.72	3.86	5.02	6.16	7.36		9.00	2 / 5			
reaction time	0.172	interval		1.14	1.16	1.14	1.20	1.64			3.44		
		velocity	4.78	7.46	7.33	7.46	7.08	7.93	6.67		7.41		

Barborová, Michaela (CZE) (1999) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.82	3.97	5.13	6.29	7.47		9.01	8 / 6			
reaction time	0.357	interval		1.15	1.16	1.16	1.18	1.54			3.47		
		velocity	4.61	7.39	7.33	7.33	7.20	8.44	6.66		7.35		

Komrsková, Aneta (CZE) (1992) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.79	3.99	5.14	6.26	7.41		9.01	8 / 8			
reaction time	0.153	interval		1.20	1.15	1.12	1.15	1.60			3.47		
		velocity	4.66	7.08	7.39	7.59	7.39	8.13	6.66		7.35		

Duchonová, Andrea (CZE) (1999) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm) — *Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.81	4.00	5.19	6.35	7.50		9.09	1 / 7			
reaction time	0.157	interval		1.19	1.19	1.16	1.15	1.59			3.54		
		velocity	4.63	7.14	7.14	7.33	7.39	8.18	6.60		7.20		

Li Xiangrong (CHN) (2002) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 3 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.83	4.03	5.20	6.35	7.52		9.10	3 / 5			
reaction time	0.196	interval		1.20	1.17	1.15	1.17	1.58	PB		3.52		
		velocity	4.59	7.08	7.26	7.39	7.26	8.23	6.59		7.24		

Kong Rui (CHN) (2001) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2021 National Indoor Grand Prix (Chengdu, CHN) — *CAA Hurdle Development (2021)*

date	13-Mar-21	time	2.92	4.09	5.27	6.42	7.59		9.12	4 / 6			
reaction time	0.211	interval		1.17	1.18	1.15	1.17	1.53	PB		3.50		
		velocity	4.45	7.26	7.20	7.39	7.26	8.50	6.58		7.29		

Galertová, Alena (CZE) (1992) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.88	4.05	5.21	6.35	7.53		9.14	7 / 6			
reaction time	0.196	interval		1.17	1.16	1.14	1.18	1.61			3.47		
		velocity	4.51	7.26	7.33	7.46	7.20	8.07	6.56		7.35		

Chmelarová, Klára (CZE) (1991) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.82	3.98	5.13	6.40	7.64		9.26	6 / 4			
reaction time	0.158	interval		1.16	1.15	1.27	1.24	1.62			3.58		
		velocity	4.61	7.33	7.39	6.69	6.85	8.02	6.48		7.12		

Čaladi, Tereza (CZE) (1996) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE) — *Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.92	4.12	5.31	6.48	7.74		9.35	1 / 5			
reaction time	0.143	interval		1.20	1.19	1.17	1.26	1.61			3.56		
		velocity	4.45	7.08	7.14	7.26	6.75	8.07	6.42		7.16		

Odvárková, Lucie (CZE) (1996) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE) — *Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*

date	14-Feb-15	time	2.82	4.07	5.31	6.53	7.82		9.43	8 / 6			
reaction time	0.359	interval		1.25	1.24	1.22	1.29	1.61			3.71		
		velocity	4.61	6.80	6.85	6.97	6.59	8.07	6.36		6.87		

Suchelová, Nikola (CZE) (1991) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.98	4.18	5.40	6.64	7.87		9.47	7 / 5			
reaction time	0.258	interval		1.20	1.22	1.24	1.23	1.60			3.66		
		velocity	4.36	7.08	6.97	6.85	6.91	8.13	6.34		6.97		

Svojanovská, Michaela (CZE) (1990) — **H1 H2 H3 H4 H5** — **Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10**

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) — *Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*

date	25-Feb-12	time	2.97	4.19	5.42	6.63	7.88		9.52	8 / 6			
reaction time	0.159	interval		1.22	1.23	1.21	1.25	1.64			3.66		

		velocity	4.38	6.97	6.91	7.02	6.80	7.93	6.30		6.97	

Deng Mengying (CHN) (2004)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21	time 2.95	4.20	5.44	6.69	7.92		9.52	5 / 5			
reaction time 0.288	interval	1.25	1.24	1.25	1.23	1.60	PB		3.74		
	velocity 4.41	6.80	6.85	6.80	6.91	8.13	6.30		6.82		

Nováčková, Olga (CZE) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)								*Feher (2012) - Czech Republic indoor national championships - women's 60m hurdles*			
date 25-Feb-12	time 2.92	4.15	5.41	6.65	7.90		9.55	8 / 7			
reaction time 0.156	interval	1.23	1.26	1.24	1.25	1.65			3.73		
	velocity 4.45	6.91	6.75	6.85	6.80	7.88	6.28		6.84		

Dostálová, Veronika (CZE) (1997)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Czech Republic National U20 Indoor Championships (Praha, CZE)								*Feher (2015) - Final report the U18 & U20 Czech Republic indoor national championships*			
date 14-Feb-15	time 2.98	4.21	5.41	6.66	7.93		9.68	7 / 7			
reaction time 0.369	interval	1.23	1.20	1.25	1.27	1.75			3.68		
	velocity 4.36	6.91	7.08	6.80	6.69	7.43	6.20		6.93		

Liu Xinyao (CHN) (2003)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 3 - 2021 National Indoor Grand Prix (Chengdu, CHN)								*CAA Hurdle Development (2021)*			
date 13-Mar-21	time 2.93	4.22	5.47	6.72	7.99		9.68	3 / 6			
reaction time 0.201	interval	1.29	1.25	1.25	1.27	1.69	PB		3.79		
	velocity 4.44	6.59	6.80	6.80	6.69	7.69	6.20		6.73		

Kozák, Luca (HUN) (1996)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)								*European Athletics (2025) - european athletics indoor championships results book*			
date 07-Mar-25	time 2.49	3.54	4.54	5.53	6.54		20.28	2 / 7			
reaction time 0.153	interval	1.05	1.00	0.99	1.01	13.74			3.04		
	velocity 5.22	8.10	8.50	8.59	8.42	0.95	2.96		8.39		

Minárová, Pavlína (CZE) (1999)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2015 Czech Republic National U18 Indoor Championships (Praha, CZE) (76cm)								*Feher (2015) - Final report U18 & U20 Czech Republic indoor national championships*			
date 14-Feb-15	time 2.74	3.86					dnf	6 / --			
reaction time 0.165	interval	1.12									
	velocity 4.74	7.59									

Stowers, Jasmin (USA) (1991)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Heat 2 - 2020 New Balance Indoor Grand Prix (Boston, MA)								*PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*			
date 25-Jan-20	time 2.68						dnf	7 / --			
reaction time	interval										
	velocity 4.85										

Howell, Jackie (USA) (1996)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2020 USATF National Indoor Championships (Albuquerque, NM) (Altitude)								*CAA Hurdle Development (2020)*			
date 15-Feb-20	time 2.67	4.02					dnf	2 / --			
reaction time 0.141	interval	1.35									
	velocity 4.87	6.30									

Kambundji, Ditaji (SUI) (2002)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2022 World Athletics Indoor Championships (Belgrade, SRB) (TV Analysis)								*Henson (2022) - Athlete First: 2022 year end hurdle report*			
date 19-Mar-22	time 2.44	3.46					dnf	8 / --			
reaction time 0.108	interval	1.02									
	velocity 5.33	8.33									

Jones, Cortney (USA) (1999)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)								*Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*			
date 16-Feb-24	time 2.67	3.71	4.72	5.74	6.74			8 / --			
reaction time	interval	1.04	1.01	1.02	1.00		DQ		3.07		
	velocity 4.87	8.17	8.42	8.33	8.50				8.31		

Johnson, Alaysha (USA) (1996)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2024 USATF National Indoor Championships (Albuquerque, NM) (Altitude) (TV Analysis)								*Henson (2024) Athlete First: Tia Jones 2024 Women's 60m Hurdles World Indoor Record*			
date 16-Feb-24	time 2.64	3.64	4.64	5.61	6.61			5 / --			
reaction time	interval	1.00	1.00	0.97	1.00		DQ		2.97		
	velocity 4.92	8.50	8.50	8.76	8.50				8.59		

Harala, Lotta (FIN) (1992)

	H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)								*European Athletics (2025) - european athletics indoor championships results book*			
date 07-Mar-25	time 2.47						dnf	8 / --			
reaction time 0.155	interval										
	velocity 5.26										

Women's 80m Hurdles Touchdown Times - by time

Kilborn, Pam (AUS) (1939)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.2		7.1				10.6	/ 1			
reaction time	interval					2.9			3.50	=OR	*(10.69)*			
wind ???	velocity			6.67		8.28			6.86	9.43				

Press, Irina (URS) (1939)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.1		7.1				10.6	4 / 4			
reaction time	interval	7 steps				3.0			3.50	*(10.62)*				
wind 2.3 m/s	velocity			6.83		8.00			6.86	9.43				

Yoda, Ikuko (JPN) (1938)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.4		7.3				10.7	/ 2			
reaction time	interval					2.9			3.40	*(10.72)*				
wind ???	velocity			6.36		8.28			7.06	9.35				

Piatkowska, Maria (POL) (1931)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.3		7.3				10.7	/ 4			
reaction time	interval	7 steps				3.0			3.40	*(10.73)*				
wind ???	velocity			6.51		8.00			7.06	9.35				

Yoda, Ikuko (JPN) (1938)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			3.8		7.2				10.7	6 / 5			
reaction time	interval					3.4			3.50	*(10.72)*				
wind 2.3 m/s	velocity			7.37		7.06			6.86	9.35				

Piatkowska, Maria (POL) (1931)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.1		7.2				10.7	8 / 6			
reaction time	interval	7 steps				3.1			3.50	*(10.76)*				
wind 2.3 m/s	velocity			6.83		7.74			6.86	9.35				

Press, Irina (URS) (1939)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.3		7.2				10.8	/ 3			
reaction time	interval	7 steps				2.9			3.60	*(10.85)*				
wind ???	velocity			6.51		8.28			6.67	9.26				

Bonds, Rosie (USA) (1946)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 1 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.2		7.2				10.8	/ 4			
reaction time	interval					3.0			3.60	*(10.87)*				
wind ???	velocity			6.67		8.00			6.67	9.26				

Bystrova, Galina (URS) (1934)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Semi-Final 2 - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.2		7.3				10.8	/ 6			
reaction time	interval					3.1			3.50	*(10.89)*				
wind ???	velocity			6.67		7.74			6.86	9.26				

Stamejčič, Draga (YUG) (1937)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.3		7.3				10.8	5 / 7			
reaction time	interval					3.0			3.50	*(10.86)*				
wind 2.3 m/s	velocity			6.51		8.00			6.86	9.26				

Bonds, Rosie (USA) (1946)	H1	H2	H3	H4	H5	H6	H7	H8	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 1964 Olympic Games (Tokyo, JPN) (80m Hurdles)										*Breitschaft (1965) - die leichtathletik wettkampfe der 1964 olympischen sommerspielen - 80m hürdenlauf*				
date 19-Oct-64	time			4.1		7.5				10.8	1 / 8			
reaction time	interval					3.4			3.30	*(10.88)*				

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

wind	2.3 m/s	velocity	6.83	7.06	7.27	9.26