Women's 100m Hurdles Touchdown Times - by time

LAST UPDATE: 14-Nov-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 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

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

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

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

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

Rollins, Brianna (USA) (1991)
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*

			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-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
Semi-Final 3 - 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	01-Aug-21	time	2.47	3.47	4.44	5.37	6.31	7.24	8.19	9.14	10.10	11.10		12.26	7 / 1			
reaction time	0.175	interval		1.00	0.97	0.93	0.94	0.93	0.95	0.95	0.96	1.00	1.16	OR AR PB		2.90	2.82	2.91
wind	-0.2 m/s	velocity	5.26	8.50	8.76	9.14	9.04	9.14	8.95	8.95	8.85	8.50	8.66	8.16		8.79	9.04	8.76

Harrison, Kendra (Keni) (USA) (1992
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - 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	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
FINAL - 2022 Gyulai István Memorial (Székesfehérvár, HUN) (TV Analysis) *Henson (2022) - 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	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
FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis) *Henson (2022) - 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	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)
FINAL - 1991 USSR National championships (Kiev, URS) *Stepanov (2004) - speed and (or?) technique: gail devers and others (in Jarver (ed) - the hurdles, 2004)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
FINAL - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical analysis of women's 100m hurdle*

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

Jones, Lolo (USA) (1982)
FINAL - 2008 USA Olympic Trials (Eugene, OR) *USATF Hurdle Development (2008)*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis) *Henson (2022) - 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	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
FINAL - 2023 UNF East Coast Relays (Jacksonville, FL) *Henson (2023) - 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	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
FINAL - 2023 USATF New York City Grand Prix (Randalls Island, NY) (TV Analysis) *Henson (2023) - 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	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

Amusan, Tobi (NGR) (1997)
FINAL - 2022 Commonwealth Games (Birmingham, GBR) (TV Analysis) *Henson (2022) - 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	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)
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

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

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

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

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

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

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

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*			

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

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

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

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

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

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 (2021) - Athlete First: 2021 year end hurdle report*			
date	31-Jul-21	time	2.47	3.47	4.47	5.44	6.38	7.34	8.29	9.25	10.23	11.23		12.41	2 / 1			
reaction time	0.153	interval		1.00	1.00	0.97	0.94	0.96	0.95	0.96	0.98	1.00	1.18			2.97	2.85	2.94
wind	0.3 m/s	velocity	5.26	8.50	8.50	8.76	9.04	8.85	8.95	8.85	8.67	8.50	8.52	8.06		8.59	8.95	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 - 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

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

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*			

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

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) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 24-Aug-23 time	2.48	3.46	4.44	5.40	6.36	7.32	8.28	9.26	10.24	11.24		12.43	2 / 1			
reaction time 0.138 interval		0.98	0.98	0.96	0.96	0.96	0.96	0.98	0.98	1.00	1.19			2.92	2.88	2.96
wind -0.2 m/s velocity	5.24	8.67	8.67	8.85	8.85	8.85	8.85	8.67	8.67	8.50	8.45	8.05		8.73	8.85	8.61

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) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	24-Aug-23	time	2.52	3.52	4.52	5.48	6.42	7.36	8.30	9.28	10.26	11.26		12.44	7 / 2			
reaction time	0.164	interval		1.00	1.00	0.96	0.94	0.94	0.94	0.98	0.98	1.00	1.18			2.96	2.82	2.96
wind	-0.2 m/s	velocity	5.16	8.50	8.50	8.85	9.04	9.04	9.04	8.67	8.67	8.50	8.52	8.04		8.61	9.04	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 - 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

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

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 Champinships (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*			

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

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) (TV Analysis) — *Henson (2023) - Athlete First: 2023 year end hurdle report*

date	24-Aug-23	time	2.52	3.52	4.52	5.46	6.42	7.36	8.32	9.30	10.28	11.30		12.46	4 / 3			
reaction time	0.155	interval		1.00	1.00	0.94	0.96	0.94	0.96	0.98	0.98	1.02	1.16			2.94	2.86	2.98
wind	-0.2 m/s	velocity	5.16	8.50	8.50	9.04	8.85	9.04	8.85	8.67	8.67	8.33	8.66	8.03		8.67	8.92	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 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

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)*			

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

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

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

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*				

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

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)

Semi Final 1 - 2020 USA Olympic Trials (Eugene, OR) (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	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)

FINAL - 2020 USA Olympic Trials (Eugene, OR) (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	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

Visser, Nadine (NED) (1995)

FINAL - 2021 Weltklasse (Zürich, SUI) (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	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)

FINAL - 2022 Memorial van Damme (Brussels, BEL) (TV Analysis) — *Henson (2022) - 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	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)

Heat 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - 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	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)

Heat 5 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - 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	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)

FINAL - 2004 Weltklasse (Zurich, SUI) — *Winckler (2009) - UK Athletics- National Coaching Conference*

	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-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)

FINAL - 2006 IAAF World Athletic Final (Stuttgart, GER) *(TV Analysis)* — *Graubner (2008) - 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	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

FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)

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

Nelvis, Sharika (USA) (1990)

FINAL - 2017 Herculis Meeting International d'Athletisme (Monaco, MON) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)

FINAL - 2018 Shanghai Diamond League (Shanghai, CHN) (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	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) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	24-Aug-23	time	2.44	3.48	4.46	5.44	6.42	7.38	8.34	9.34	10.34	11.36		12.52	6 / 4			
reaction time	0.149	interval		1.04	0.98	0.98	0.98	0.96	0.96	1.00	1.00	1.02	1.16			3.00	2.90	3.02
wind	-0.2 m/s	velocity	5.33	8.17	8.67	8.67	8.67	8.85	8.85	8.50	8.50	8.33	8.66	7.99		8.50	8.79	8.44

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)
Quarter-Final 3 - 1999 IAAF World Championships (Sevilla, ESP)
Sanchez (1999) - Sevilla '99: análisis de la carreras con villas

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
FINAL - 2003 IAAF World Championships (Paris, FRA)
Winckler (2009) - UK Athletics- National Coaching Conference

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

Pearson, Sally (AUS) (1986)
Heat 2 - 2011 IAAF World Championships (Daegu, KOR)
KSSB (2011) - biomechanical analysis of women's 100m hurdle

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

Rollins, Brianna (USA) (1991)
FINAL - 2016 Prefontaine Classic (Eugene, OR) (TV Analysis)
Henson (2020) - Athlete First: 2016 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	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

Nelvis, Sharika (USA) (1990)
FINAL - 2017 Athletissima (Lausanne, SUI) (TV Analysis)
Henson (2020) - Athlete First: 2017 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	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

Pearson, Sally (AUS) (1986)
Semi-Final 1 - 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	2.39	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

Harrison, Kendra (Keni) (USA) (1992
FINAL - 2018 Doha Diamond League (Doha, QAT) (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	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

Sember, Cindy (GBR) (1994)
FINAL - 2021 USATF Golden Games (Walnut, CA) (TV Analysis)
Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m 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	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

Clemons, Christina (USA) (1990)
FINAL - 2020 USA Olympic Trials (Eugene, OR) (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	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

Cunningham, Gabriele (USA) (1998)
FINAL - 2020 USA Olympic Trials (Eugene, OR) (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	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

Tapper, Megan (JAM) (1994)
Heat 5 - 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	31-Jul-21	time	2.53	3.54	4.50	5.47	6.44	7.39	8.34	9.34	10.32	11.34		12.53	5 / 2			
reaction time	0.152	interval		1.01	0.96	0.97	0.97	0.95	0.95	1.00	0.98	1.02	1.19	PB		2.94	2.87	3.00
wind	0.3 m/s	velocity	5.14	8.42	8.85	8.76	8.76	8.95	8.95	8.50	8.67	8.33	8.45	7.98		8.67	8.89	8.50

Jones, Tia (USA) (2000)
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis)
Henson (2022) - 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	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

Ali, Nia (USA) (1988)
FINAL - 2022 Bauhaus Galan (Stockholm, SWE) (TV Analysis)
Henson (2022) - Athlete First: 2022 year end hurdle report

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

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

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

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

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) (197			**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

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*			

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

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 - 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

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*				

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

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

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 (El			**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

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*			

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

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

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) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date	24-Aug-23	time	2.52	3.52	4.50	5.46	6.42	7.40	8.36	9.36	10.40	11.44		12.61	8 / 5			
reaction time	0.135	interval		1.00	0.98	0.96	0.96	0.98	0.96	1.00	1.04	1.04	1.17			2.94	2.90	3.08
wind	-0.2 m/s	velocity	5.16	8.50	8.67	8.85	8.85	8.67	8.85	8.50	8.17	8.17	8.59	7.93		8.67	8.79	8.28

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

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

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

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)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
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

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)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
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

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)															*CAA Hurdle Development (2019)*			
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

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

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

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

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)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
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

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) (TV Analysis)													*Henson (2023) - Athlete First: 2023 year end hurdle report*			
date 24-Aug-23 time	2.50	3.52	4.50	5.48	6.44	7.42	8.40	9.42	10.44	11.48		12.62	5 / 6			
reaction time 0.152 interval		1.02	0.98	0.98	0.96	0.98	0.98	1.02	1.02	1.04	1.14			2.98	2.92	3.08
wind -0.2 m/s velocity	5.20	8.33	8.67	8.67	8.85	8.67	8.67	8.33	8.33	8.17	8.82	7.92		8.56	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

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

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

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

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)															*Winckler (2009) - UK Athletics- National Coaching Conference*			
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

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)															*Graubner (2010) - http://www.fgs.uni-halle.de*			
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

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)															*Henson (2021) - Athlete First: major championships report*			
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

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

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)															*(2017) - tfdata-store.com/2017/05/22/post-599/*			
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

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

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

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)															*CAA Hurdle Development (2019)*			
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

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)															*Henson (2021) - Athlete First: 2021 Sydney McLaughlin 400m hurdles world record season*			
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 / 4			
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

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

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

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

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

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

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

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

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

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)													*Tsiokanos (2017) - race pattern of women's 100m hurdles: time analysis of olympic hurdle performance*			
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

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)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
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

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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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

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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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

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)													*Henson (2021) - Athlete First: major championships report*			
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

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

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

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

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

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

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

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*			

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

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

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

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

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*			

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

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) (TV Analysis)														*Henson (2023) - Athlete First: 2023 year end hurdle report*				
date	24-Aug-23	time	2.52	3.54	4.54	5.54	6.52	7.50	8.50	9.50	10.50	11.54		12.70	9 / 7			
reaction time	0.140	interval		1.02	1.00	1.00	0.98	0.98	1.00	1.00	1.00	1.04	1.16			3.02	2.96	3.04
wind	-0.2 m/s	velocity	5.16	8.33	8.50	8.50	8.67	8.67	8.50	8.50	8.50	8.17	8.66	7.87		8.44	8.61	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 - 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

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

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) (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 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

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

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

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

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

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

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

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 ??? (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

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

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

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

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

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) (TV Analysis)															*Henson (2023) - Athlete First: 2023 year end hurdle report*			

date	24-Aug-23	time	2.48	3.56	4.58	5.60	6.60	7.58	8.58	9.58	10.58	11.62		12.78	3 / 8			
reaction time	0.159	interval		1.08	1.02	1.02	1.00	0.98	1.00	1.00	1.00	1.04	1.16			3.12	2.98	3.04
wind	-0.2 m/s	velocity	5.24	7.87	8.33	8.33	8.50	8.67	8.50	8.50	8.50	8.17	8.66	7.82		8.17	8.56	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 - 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

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

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) (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 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)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
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

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

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

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

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

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

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)															*Omega Timing (2023) - diamond league race analysis*			
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

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)															*Omega Timing (2023) - diamond league race analysis*			
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

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)															*Ilyin (1979) - successes of women hurdlers*			
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

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*			

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

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

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

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

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

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

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

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

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

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

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

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)*			

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

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

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

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

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*			

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

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

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

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

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)
FINAL - 2016 Weltklasse (Zürich, SUI) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)
FINAL - 2017 Doha Diamond League (Doha, QAT) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)
FINAL - 2017 Prefontaine Classic (Eugene, OR) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)
FINAL - 2017 Bislett Games (Oslo, NOR) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (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	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)
FINAL - 2019 Seiko Golden Grand Prix (Osaka, 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	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)
FINAL - 2019 Müller Grand Prix (Birmingham, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2019 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	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)
FINAL - 2021 NCAA Championships (Eugene, OR) (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	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)
FINAL - 2021 Weltklasse (Zürich, SUI) (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	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)
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) (TV Analysis) — *Henson (2022) - 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	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
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) — *Henson (2022) - 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	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)
FINAL - 2022 Meeting de Paris (Paris, FRA) (TV Analysis) — *Henson (2022) - 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	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)
Heat 4 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - 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	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

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

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

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

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

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)															*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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

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)															*Blomkvist (2011) - www.sub13.se*			
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

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

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

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

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) *(2016.07.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*

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

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

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

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

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

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

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

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

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

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

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

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

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

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) *Henson (2020) - Athlete First: 2019 year end hurdle report*

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

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) *Henson (2020) - Athlete First: 2019 year end hurdle report*

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

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

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

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

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)

Heat 5 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) — *Henson (2022) - 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	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

Graversgaard, Mette (DEN) (1995)

Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) — *Henson (2023) - 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	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

Ewanjé-Epée, Monique (FRA) (1967)

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

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

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

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

FINAL - 2002 IAAF World Cup (Madrid, ESP) — *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

	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-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)

Heat 4 - 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	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)

FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis) — *Henson (2021) - Athlete First: major championships report*

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

FINAL - 2015 IAAF World Championships (Beijing, CHN) (TV Analysis) — *Henson (2021) - Athlete First: major championships report*

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

FINAL - 2016 Birmingham Diamond League (Birmingham, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)

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	2.42	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)

FINAL - 2017 Weltklasse (Zürich, SUI) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)

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

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

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*			

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

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

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

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

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

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) (197

			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

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*			

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

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

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

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

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

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

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*				

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

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

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)
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	2.64	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)
FINAL - 2016 Meeting Paris (Saint-Denis, FRA) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)
FINAL - 2016 Memorial van Damme (Brussels, BEL) (TV Analysis) — *Henson (2021) - Athlete First: 2016 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	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)
FINAL - 2018 South Eastern Conference Championships (Knoxville, TN) (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	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)
FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2019 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	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)
FINAL - 2020 Finnish National Championships (Turku, 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	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)
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	2.52	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)
FINAL - 2020 Doha Diamond League (Doha, QAT) (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	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)
FINAL - 2020 Japanese National Championships (Niigata, 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	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

Wang Dou (CHN) (1993)
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	2.70	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

Clemons, Christina (USA) (1990)
FINAL - 2022 New York Grand Prix (New York, NY) (TV Analysis) — *Henson (2022) - 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	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

Harrison, Kendra (Keni) (USA) (1992
FINAL - 2022 Weltklasse (Zürich, SUI) (TV Analysis) — *Henson (2022) - 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	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

Girard, Patricia (FRA) (1968)
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	2.65	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

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)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
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

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)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
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

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)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
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

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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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

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

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

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

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

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	???	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*										

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

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

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

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)
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) (TV Analysis) — *Henson (2020) - Athlete First: 2019 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	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)
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	2.59	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

Kasova, Yana (BUL) (1981)
Heat 3 - 2002 European Championships (Munich, GER) — *Graubner (2009) - 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	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)
FINAL - 2002 IAAF World Cup (Madrid, ESP) — *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

			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-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)
FINAL - 2002 IAAF World Cup (Madrid, ESP) — *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

			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-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)
FINAL - 2007 USATF National Championships (Indianapolis, IN) — *USATF Men's Hurdle Development (2007)*

			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-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)
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN) — *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 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	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)
FINAL - 2009 ISTAF (Berlin, GER) — *Graubner (2009) - 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	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)
FINAL - 2012 Olympic Games (London, GBR) (TV Analysis) — *Henson (2021) - Athlete First: major championships 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-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

Terada, Asuka (JPN) (1990)
FINAL - 2019 Corporate Team vs College Team (Hiratsukai, JPN) — *(2019) - http://tfdata-store.com/2019/09/02/post-1606/*

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

Cunningham, Gabriele (USA) (1998)
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, 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	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)
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, 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	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)
FINAL - 2022 NCAA Championships (Eugene, OR) (TV Analysis) — *Henson (2022) - Athlete First: 2022 year end hurdle report*

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

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

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

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

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

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

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

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

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

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

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*			

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

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

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

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 Championships (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

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

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

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*			

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

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

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

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*			

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

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)

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	2.59	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)

FINAL - 2020 Finnish National Championships (Turku, 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 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)

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	2.70	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

Samba-Mayela, Cyréna (FRA) (2000)

Heat 2 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - 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 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)

Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR) (TV Analysis) *Henson (2022) - 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 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

Christofi, Natalia (CYP) (1997)

Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN) (TV Analysis) *Henson (2023) - 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 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

Thorp, Angela (GBR) (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	2.69	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)

Race 1 - 2011 European Team Championships (Stockholm, SWE) *Blomkvist (2011) - www.sub13.se*

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

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	2.55	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)

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	2.65	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)

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	2.64	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)

FINAL - 2019 Japanese National Championships (Fukuoka, JPN) *Yamanaka (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 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

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

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

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

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	7.78	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

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

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*			

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

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)

FINAL - 2016 Bauhaus Athletics (Stockholm, SWE) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)

FINAL - 2016 Fuse Sprint (Tottori, JPN) — *(2016.06.06) - 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	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)

FINAL - 2018 IAAF World Junior Championships (Tampere, FIN) — *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	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)

Heat 2 - 2019 Asian Athletics Championships (Doha, QAT) — *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-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)

FINAL - 2019 Fuse Sprint (Tottori, JPN) — *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	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)

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, 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	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)

FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (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	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)

FINAL - 2021 Happy Chengdu Meeting (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	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

Xia Sining (CHN) (2003)

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) — *Henson (2023) - 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	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

Berings, Eline (BEL) (1986)

FINAL - 2009 ISTAF (Berlin, GER) — *Graubner (2009) - 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	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)

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	2.62	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)

FINAL - 2017 Drake Relays (Des Moines, IA) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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-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

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

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)															*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
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

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)															*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*			
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

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)															*Matsubayashi (2019) - research on athlete performance and technique- 2019 data book*			
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

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)													*Kijima (2019) - race analysis 100m hurdle top-ranked women 2019 Japanese and international comps*			

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

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

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)													*CAA Hurdle Development (2020)*			
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

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)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
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

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)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
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

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)													*CAA Hurdle Development (2021)*			
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

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)													*Onishi (2021) - race analysis of the domestic first-class women's 100m hurdles in the 2021 season*			
date	27-Jun-21	time	2.69	3.75	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

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)													*CAA Hurdle Development (2021)*			
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

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

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)													*Knobe (1984) - the hurdles*			
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

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

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)			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	5.50	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)			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	2.72	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)			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
FINAL - 2021 Flavour Hangzhou Athletics Meeting (Hangzhou, CHN)															*CAA Hurdle Development (2021)*			
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)			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	4.76	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)			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	4.58	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)			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	3.62	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)			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	2.60	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

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

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

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

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

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

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

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)			**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	5.87	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)			**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	2.48	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)			**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	2.60	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)

	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	3.62	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)

	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	2.73	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)

	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	3.66	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)

	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	2.48	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)

	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	2.66	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)

	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	2.62	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)

	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	2.71	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)

	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	2.61	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

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

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)
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	2.65	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)
FINAL - 2018 Golden Gala Pietro Mennea (Rome, ITA) (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	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)
Heat 1 - 2019 Asian Athletics Championships (Doha, QAT) — *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-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)
FINAL - 2019 Japanese National Championships (Fukuoka, JPN) — *Yamanaka (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	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)
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	2.72	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)
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, 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	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)
FINAL - 2020 Galà dei Castelli (Bellinzona, SUI) (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	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)
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	2.62	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)
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	2.72	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)
FINAL - 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	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)
FINAL - 2022 Seiko Golden Grand Prix (Tokyo, 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	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

Barber, Aleesha (TTO) (1987)
FINAL - 2010 Windsprint (Sundsvall, SWE) — *Blomkvist (2010) - 100/110m Hurdles: Development*

			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-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)
Heat 3 - 2016 Fuse Sprint (Tottori, JPN) — *(2016.06.07) - 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

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

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

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

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

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

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*			

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

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

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

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

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)

FINAL - 2020 Japanese National Championships (Niigata, 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 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)

FINAL - 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	2.64	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)

FINAL - 2021 Mikio Oda Memorial (Hiroshima, 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 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)

FINAL - 2021 Müller Grand Prix (Gateshead, GBR) (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 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)

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	2.67	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)

FINAL - 2022 Japanese National Championsips (Osaka, 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 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)

FINAL - 2022 Japanese National Championsips (Osaka, 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 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

Felicien, Perdita (CAN) (1980)

FINAL - 2009 Kansas Relays (Lawrence, KS) — *Winckler (2009) - UK Athletics- National Coaching Conference*

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

FINAL - 2012 Windsprint (Sundsvall, SWE) — *Blomkvist (2012) - www.sub13.se*

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

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*

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

FINAL - 2016 Japanese National Championships (Nagoya, 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 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)

FINAL - 2016 Japanese National Championships (Nagoya, 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 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

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

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

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

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

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

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)			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	3.76	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

Töth, Anna (HUN) (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 ISTAF (Berlin, GER) (TV Analysis)															*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
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

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
FINAL - 2014 Sparkassen Gala (Regensburg, GER)															*Buckwitz (2014) - OSP Berlin / DLV frauen hürden report*			
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)			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	2.69	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)			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	4.81	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)			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	2.67	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)			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	2.73	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)			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	2.68	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)			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	2.71	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)			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)*			

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

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

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

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

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

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

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

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

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

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*			

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

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

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

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

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

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

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)			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	3.79	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)			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	2.70	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

Deng Ru (CHN) (1989)

FINAL - 2014 Chinese National Grand Prix (Zhaoqing, CHN) *Deng (2016) - research on the 2014 winter training of chinese excellent 100m hurdler Deng Ru*

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

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	2.69	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)

FINAL - 2018 Seiko Golden Grand Prix (Osaka, 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 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)

FINAL - 2018 Chinese National Championships (Taiyuan, CHN) *Henson (2018) - 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 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)

Heat 1 - 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	2.72	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)

FINAL - 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	2.75	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)

Heat 1 - 2019 Chinese World Championship Trials (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 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

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)
FINAL - 2021 Japanese National Championships (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	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

Humphrey, Jacqueline (USA) (1965)
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
FINAL - 2002 IAAF World Cup (Madrid, ESP) — *Sanchez (2002) - copa del mundo de Madrid '02: análisis de la carreras con villas*

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

			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-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)
FINAL - 2008 Japanese National Championships (Kawasaki, JPN) — *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 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	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)
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, 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	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)
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, 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	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)
FINAL - 2016 Japanese University Championships (Kumagaya, JPN) — *(2016.09.06) - 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	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)
FINAL - 2016 Japanese University Championships (Kumagaya, JPN) — *(2016.09.06) - 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	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)
FINAL - 2016 Japanese University Championships (Kumagaya, JPN) — *(2016.09.06) - 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	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)
Division 1 FINAL - 2017 Kanto Collegiate Championships (Yokohama, JPN) — *(2017) - tfdata-store.com/2017/06/08/post-920/*

			H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
FINAL - 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	2.74	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

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

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

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)*			

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

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)

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	2.64	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)

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, 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	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

Oeser, Jennifer (GER) (1983)

Heptathlon - Heat 1 - 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	2.71	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)

Race 1 - 2011 European Team Championships (Stockholm, SWE) — *Blomkvist (2011) - www.sub13.se*

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

Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE) — *Feher (2013) - Final report from the men's & women's 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	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)

FINAL - 2018 Chinese National Championships (Taiyuan, CHN) — *Henson (2018) - 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	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)

A FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) — *Kobayashi (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	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)

Heat 2 - 1st Leg - 2019 IAAF World Relays - Shuttle Hurdle Relay (Yokohama, JPN) — *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	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)

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	2.64	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)

Heat 2 - 2020 Chinese National Championships (Shaoxing, CHN) — *CAA Hurdle Development (2020)*

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

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	2.68	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)

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	2.70	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

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

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*			

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

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

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*			
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

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

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

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)			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	3.77	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)			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	4.89	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)			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	2.67	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)

	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	2.68	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

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
FINAL - 1979 Pan American Games (San Juan, POR)													*Lyle (1979) - coaching observations*			
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)

	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	2.75	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)

	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	2.68	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)

	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	2.77	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)

	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	3.82	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)

	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	3.71	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)

	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	2.71	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)

	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	4.88	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)

	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	2.62	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

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
Heat 1 - 1985 European Junior Championships (Cottbus, GDR)													*Warburton (1985) - 1985 european junior championships - hurdles*			
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)

	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	2.73	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

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

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)			**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	3.85	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)			**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	2.68	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)			**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	3.77	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)			**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	2.65	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)			**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	2.65	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

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

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

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*			

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

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

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

			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	2.66	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)
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	5.91	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)
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	2.71	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)
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	2.70	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)
Heat 2 - 2018 Chinese National Championships (Taiyuan, CHN) — *Henson (2018) - 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	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)
B FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) — *Kobayashi (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	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)
Heat 2 - 2019 Chinese National Grand Prix Final (Daqing, 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-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)
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	2.73	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)
FINAL - 2020 French National Championships (Albi, FRA) (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	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)
Semi-Final 2 - 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	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)
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	2.70	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

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 (2023) - Athlete First: 2023 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)															*(2016.10.31) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en*			
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		

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)															*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
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

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)															*Kota (2018) - Analysis of races of leading women's 100m hurdles at home and abroad*			
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

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)															*CAA Hurdle Development (2019)*			
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

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)															*CAA Hurdle Development (2019)*			
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

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)															*CAA Hurdle Development (2019)*			
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

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)															*CAA Hurdle Development (2021)*			
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

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)															*CAA Hurdle Development (2021)*			
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

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)															*CAA Hurdle Development (2021)*			
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

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)															*Shibayama (2021) - national high school and U20 national championhsips*			
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

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)															*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
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

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)															*Omega Timing (2023) - diamond league race analysis*			
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

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

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*			
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

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)

B 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	2.70	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

Schwarzkopf, Lilli (GER) (1983)

Heptathlon - Heat 2 - 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	2.79	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˙)

FINAL - 2012 Windsprint (Sundsvall, SWE) — *Blomkvist (2012) - www.sub13.se*

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

Heat 1 - 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	2.79	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)

Heat 1 - 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	2.76	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)

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*

			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	2.66	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)

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	2.72	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)

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	2.70	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)

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	2.70	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)

Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN) — *Matsubayashi (2018) - research on athlete performance and technique*

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

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) — *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	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)

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	2.73	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

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*							

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

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

Kobayashi, Sayaka (JPN) (1996)

FINAL - 2014 Japanese National High School Championships (Kofu, JPN) — *Yanagiya (2014) - research on athlete performance and technique- 2014 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 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)

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*

	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	2.70	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)

U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) — *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 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)

Heat 2 - 2019 Chinese National Grand Prix 1 (Zhaoqing, 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-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)

FINAL - 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	2.73	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)

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	2.69	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)

FINAL - 2021 Yangtze River Delta Athletics Meeting (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 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)

Heat 1 - 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	4.78	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)

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*

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

B 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	2.74	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

Sotáková, Jana (CZE) (1992)

Heat 1 - 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	2.72	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)

FINAL - 2016 Kanto Student Championships (Sagamihara, JPN) — *(2016.09.17) - 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 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

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)
U18 FINAL - 2018 National Sports Festival (Fukui, JPN) (76cm) — *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	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)
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	2.62	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)
Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN) — *Takefu (2023) - performance analysis of heptathletes 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	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)
FINAL - 2022 Japanese National High School Championships (Naruto, JPN) — *Kishima (2022) - national high school championships 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	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)
Heat 2 - 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	2.58	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)
FINAL - 2014 Chinese National Championships (Suzhou, CHN) — *Deng (2016) - research on the 2014 winter training of chinese excellent 100m hurdler Deng Ru*

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

			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	3.80	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)
Heat 2 - 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	3.78	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)
Heat 3 - 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	3.76	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)
Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN) — *Takefu (2023) - performance analysis of heptathletes 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	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

Merriman, Donica (USA) (1979)
FINAL - 1996 USATF National Junior Championships (Delaware, OH) — *USATF Women's Sprint Development (1996)*

			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-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)
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) — *Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics*

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

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

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)													*CAA Hurdle Development (2021)*			
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

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)													*Aoki (2023) - domestic & foreign first-class women's 100m hurdles in the 2022 season*			
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

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)													*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*			
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

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)													*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
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

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)													*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data*			
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

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)													*(2017) - tfdata-store.com/2017/05/13/post-441/*			
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

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)													*Shibayama (2021) - national high school and U20 national championhsips*			
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

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 - 2005 USATF National Junior Championships (Carson, CA)													*USATF Women's Sprint Development (2005)*			
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)

	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	3.84	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)

	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	2.73	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)			**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	2.75	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)			**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	3.78	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

Voronkova, Nelli (BLR) (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	2.79	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

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

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

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*									

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

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

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

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

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

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

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

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*			

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

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

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

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

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

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*			
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 (Honshu, 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

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*			

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

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)

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*

	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	3.86	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)

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*

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

FINAL - 2022 Japanese National High School Championships (Naruto, JPN) *Kishima (2022) - national high school championships 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 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

Vokálová, Tereza (CZE) (1998)

FINAL - 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	2.75	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)

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*

	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	2.76	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)

FINAL - 2018 Kinami Michitaka Memorial (Osaka, 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 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)

FINAL - 2021 Yangtze River Delta Athletics Meeting (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 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)

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	4.93	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)

FINAL - 1996 USATF National Junior Championships (Delaware, OH) *USATF Women's Sprint Development (1996)*

	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-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)

FINAL - 2011 Windsprint (Sundsvall, SWE) *Blomkvist (2011) - www.sub13.se*

	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-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)

Heat 3 - 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	2.93	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)

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*

	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	2.70	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

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

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)

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	2.74	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)

Heat 1 - 2019 Chinese National Grand Prix Final (Daqing, 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-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)

FINAL - 2019 Chinese National Grand Prix Final (Daqing, 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	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)

Heat 3 - 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	2.76	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

Rodríguez, Jessica (ESP) (1975)

FINAL - 1998 Spanish National Championships (San Sebastián, ESP) *Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*

			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-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)

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	2.69	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)

Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's 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	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)

FINAL - 2013 Czech Republic National Championships (Tábor, CZE) *Feher (2013) - Final report from the men's & women's 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	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)

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	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)

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	2.76	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)

U20 FINAL - 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	2.71	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)

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					

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

wind	2.8 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

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

Broom, Kimyon (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	2.70	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)

	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	2.82	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)

	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	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)

	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	2.74	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)

	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	2.73	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)

	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	2.76	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)

	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	3.82	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)

	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	2.80	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)

	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	3.92	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

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

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*			
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*			
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*			

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

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

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

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 (Honshu, JPN)															*Shimizu (2018) - shimane high school championships 2018 - 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

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*			
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

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

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)

Heptathlon - Heat 3 - 2022 Japanese Multi-Event National Championsips (Akita, JPN) — *Takefu (2023) - performance analysis of heptathletes 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	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)

FINAL - 2010 Windsprint (Sundsvall, SWE) — *Blomkvist (2010) - 100/110m Hurdles: Development*

			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-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)

FINAL - 2010 Swedish National Championships (Falun, SWE) — *Blomkvist (2010) - www.sub13.se*

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

Yamanaka, Aya (JPN) (1995)

FINAL - 2017 Osaka University Athletics Championships (Osaka, JPN) — *(2017) - tfdata-store.com/2017/04/07/post-249/*

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

U20 FINAL - 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	2.65	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)

Heat 3 - 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	3.90	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

Yoshii, Ririko (JPN) (2001)

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) — *Kota (2019) - 72nd 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	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)

FINAL - 1998 Spanish National Championships (San Sebastián, ESP) — *Ruiz (1998) - campeonato des españa absoluto: análisis de la carreras con villas*

			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-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)

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	2.84	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)

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*

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

FINAL - 2021 Philippe Cup Athletics Invitational (Wuhan, 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	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)

FINAL - 1996 USATF National Junior Championships (Delaware, OH) — *USATF Women's Sprint Development (1996)*

			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-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

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

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)

	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	2.83	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)

	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	2.77	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)

	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	2.98	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)

	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	2.88	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)

	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	2.88	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)

	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	2.75	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)

	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	2.75	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

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 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
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)

	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	2.77	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

He 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
U20 Heat 3 - 2019 Chinese National Youth Games (Taiyuan, CHN)													*CAA Hurdle Development (2019)*			
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)

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	2.85	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)

Heptathlon - Heat 3 - 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	2.82	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)

Heat 4 - 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	2.85	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)

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*

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

Heat 1 - 2017 Mito Invitational (Mito, JPN) — *(2017) - tfdata-store.com/2017/05/06/post-423/*

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

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	2.94	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)

Heptathlon - Heat 3 - 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	2.77	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)

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	2.84	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)

Heat 1 - 2018 Chinese National Championships (Taiyuan, CHN) — *Henson (2018) - 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	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)

Heptathlon - 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	2.93	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)

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	2.87	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)

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	4.19	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

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

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

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

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

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

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

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 2 - 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		

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

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

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

Hysková, Dominika (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	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)

	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	2.95	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)

	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	2.92	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)

	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	4.24	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)

	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	2.92	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)

	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	2.96	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)

	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	3.15	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

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 - 2021 Chinese National Championships (Chongqing, CHN)													*CAA Hurdle Development (2021)*			
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

Nováčková, Olga (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	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

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

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												

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

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

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

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

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

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

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

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

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

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

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)

FINAL - 2021 NCAA Championships (Eugene, OR) (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	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)

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

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

FINAL - 1996 USATF National Junior Championships (Delaware, OH) — *USATF Women's Sprint Development (1996)*

	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-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)

FINAL - 2001 European Cup (Bremen, GER) — *Graubner (2007) - 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	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)

Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE) — *Feher (2013) - Final report from the men's & women's 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	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)

FINAL - 2016 European Championships (Amsterdam, NED) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)

FINAL - 2016 London Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2016 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	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)

FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)

FINAL - 2017 Müller's Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2017 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	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)

FINAL - 2018 Spitzen Leichtathletik (Luzern, SUI) (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	09-Jul-18	time	2.68									dnf	8 / 8			
reaction time		interval														
wind	0.9 m/s	velocity	4.85													

Deng Xuelin (CHN) (1998)

FINAL - 2019 Chinese National Grand Prix 1 (Zhaoqing, 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	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)

FINAL - 2019 Müller Anniversary Games (London, GBR) (TV Analysis) — *Henson (2020) - Athlete First: 2019 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	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		

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

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)*			
date	23-Aug-19	time	2.82	3.95										dnf	8 / --			
reaction time	0.174	interval		1.13														
wind	0.2 m/s	velocity	4.61	7.52														

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 - 2019 AG Memorial van Damme (Brussels, BEL) (TV Analysis)															*Henson (2020) - Athlete First: 2019 year end hurdle report*			
date	06-Sep-19	time	2.60	3.63	4.67	5.70	6.70	7.70						dnf	9 / --			
reaction time	0.139	interval		1.03	1.04	1.03	1.00	1.00						DQ		3.10		
wind	0.0 m/s	velocity	5.00	8.25	8.17	8.25	8.50	8.50								8.23		

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 IAAF World Championships (Doha, QAT)															*CAA Hurdle Development (2019)*			
date	06-Oct-19	time	2.67	4.08										dnf	9 / -			
reaction time	0.209	interval	*10 step*	1.41														
wind	0.3 m/s	velocity	4.87	6.03														

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 Motonet GP (Jyräskylä, FIN) (TV Analysis)															*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date	08-Jul-20	time	2.60	3.70										dnf	7 / --			
reaction time		interval		1.10														
wind	0.7 m/s	velocity	5.00	7.73														

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 István Gyulai Memorial (Székesfehérvár, HUN) (TV Analysis)															*Henson (2020) - Athlete First: 2020 year end hurdle report*			
date	19-Aug-20	time	2.50	3.54										dnf	1 / --			
reaction time	0.120	interval	7 steps	1.04														
wind	-0.2 m/s	velocity	5.20	8.17														

Bakker, Sharona (NED) (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	3.67	4.73									dnf	3 / --			
reaction time	0.130	interval		1.10	1.06													
wind	-0.2 m/s	velocity	5.06	7.73	8.02													

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
Heat 1 - 2021 National Grand Prix (Chengdu, CHN)															*CAA Hurdle Development (2021)*			
date	02-Apr-21	time	2.78	4.38										dnf	7 / --			
reaction time	0.247	interval		1.60														
wind	0.4 m/s	velocity	4.68	5.31														

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
Heat 3 - 2021 National Grand Prix (Chengdu, CHN)															*CAA Hurdle Development (2021)*			
date	02-Apr-21	time	2.92	4.20	5.46	6.74	8.04	9.36	10.68	12.08	13.52	14.96		nt	8 / 6			
reaction time		interval		1.28	1.26	1.28	1.30	1.32	1.32	1.40	1.44	1.44				3.82	3.94	4.28
wind	1.0 m/s	velocity	4.45	6.64	6.75	6.64	6.54	6.44	6.44	6.07	5.90	5.90				6.68	6.47	5.96

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 - 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	5.62	6.60							dnf	8 / --			
reaction time	0.143	interval		1.04	1.04	1.00	0.98									3.08		
wind	-0.8 m/s	velocity	5.12	8.17	8.17	8.50	8.67									8.28		

Barrett, Alicia (GBR) (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	2.63	3.77	4.82									dnf	1 / --			
reaction time	0.180	interval		1.14	1.05													
wind	1.5 m/s	velocity	4.94	7.46	8.10													

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 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	6.52	7.60	8.64	9.80					3 / --			
reaction time	0.129	interval		1.04	1.00	0.98	1.02	1.08	1.04	1.16				DQ		3.02	3.14	
wind	0.7 m/s	velocity	5.24	8.17	8.50	8.67	8.33	7.87	8.17	7.33						8.44	8.12	

Nagięć, Weronika (POL) (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 Irena Szewinska Memorial (Bydgoszcz, POL) (TV Analysis)														*Henson (2022) - Athlete First: 2022 Tobi Amusan 100m hurdles world record season*				
date	03-Jun-22	time	2.64	3.70	4.74	5.78	6.80	7.84	8.92	9.96				dnf	2 / --			
reaction time		interval		1.06	1.04	1.04	1.02	1.04	1.08	1.04				DQ		3.14	3.14	
wind	0.2 m/s	velocity	4.92	8.02	8.17	8.17	8.33	8.17	7.87	8.17						8.12	8.12	

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 World Athletics Championships (Eugene, OR) (TV Analysis)														*Henson (2022) - Athlete First: 2022 year end hurdle report*				
date	24-Jul-22	time	2.45	3.47	4.47	5.40	6.36	7.30	8.26	9.27				dnf	3 / --			
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	

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		

Women's 60m Hurdles Touchdown Times - by time

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		

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		

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		

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*					

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

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	

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	

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) — *Walker (2019). Biomechanical Report for the IAAF World Indoor Championships 2018: 60m Hurdles Women*

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	

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

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	

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	

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*

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	

Yanit, Nevin (TUR) (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	2.52	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	

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

		velocity	5.16	8.02	8.50	8.50	8.67	9.77	7.60		8.33

Dutkiewicz, Pamela (GER) (1991)			**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	2.54	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)			**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	3.54	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		

Brissett, Chanel (USA) (1999)			**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	3.53	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			**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	2.53	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		

Tejeda, Anay (CUB) (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	2.58	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)			**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	2.58	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		

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		

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		

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)
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	2.60	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		

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		

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		

Bolm, Kirsten (GER) (1975)
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	3.66	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
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	2.63	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)
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	2.60	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)
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	

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	

Dixon, Vonette (JAM) (1975) — 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	2.68	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) — 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	2.58	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) — 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	2.57	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) — 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	5.56	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	

Piquereau, Anne (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	2.61	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) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2013 Italian National Indoor Championships (Ancona, ITA) — *FIDAL - Centro Studi & Ricerche (2013) - www.youtube.com/watch?v=V4AEm5H14hI*

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) — 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	2.58	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) — 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	2.57	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) — 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	3.54	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	

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

		velocity	5.24	8.02	8.33	8.33	8.50	9.15	7.50		8.23	

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	

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	

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 / ~~1~~		
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	

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 Championships (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	

Brown, Janeek (JAM) (1998)
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	2.60	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)
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	2.64	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		

Caravelli, Marzia (ITA) (1981)
FINAL - 2014 Italian National Indoor Championships (Ancona, ITA)
FIDAL - Centro Studi & Ricerche (2014) - www.youtube.com/watch?v=7_FeLg_p08Y

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
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)
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	2.60	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)
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	3.71	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)
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	2.69	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)
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	2.54	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)
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	2.59	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)
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	2.56	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		

Hentschke, Nadine (GER) (1982)
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	2.62	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

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

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

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

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

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) — 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	2.65	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	

Cattaneo, Micol (ITA) (1982) — 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	2.64	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) — 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	2.48	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) — 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	2.65	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) — 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	2.62	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) — 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	2.72	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) — 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	2.65	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) — 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	2.64	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	

Piquereau, Anne (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	2.67	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) — 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	2.63	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) — 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	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) — 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	2.60	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	

Williams, Jeanine (JAM) (1997)			**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	2.61	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)			**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	2.59	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)			**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	2.67	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)			**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	2.59	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		

Elloy, Laurence (FRA) (1959)			**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	2.68	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)			**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	2.68	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)			**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	2.67	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)			**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	2.70	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)			**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	2.59	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)			**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	2.67	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)			**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	2.67	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)			**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	4.74	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) 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	2.65	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) 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	2.62	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

Ewanjé-Epée, Monique (FRA) (1967) 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	2.65	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) 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	2.66	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) 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	2.65	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) 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	2.66	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

Piquereau, Anne (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	2.60	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) 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	2.54	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

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	

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	

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	
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	
		velocity	5.12	7.73	8.17	8.02	8.02	8.55	7.21		7.97	
Chen Jiamin (CHN) (1996)			**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 Final (Hangzhou, CHN)										*CAA Hurdle Development (2019)*		
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)			**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	3.73	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)			**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	3.78	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)			**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	2.70	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	
Komoll, Jennifer (GER) (1980)			**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	3.76	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)			**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	2.57	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)			**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	2.70	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)			**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	2.67	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)			**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	2.66	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	

			H1	H2	H3	H4	H5	Run-In	Official Time	Lane / Place	H1-H4	H4-H7	H7-H10
Shi Jiali (CHN) (1997)													
A-FINAL - 2019 Chinese Indoor National Grand Prix 2 (Nanjing, CHN)											*CAA Hurdle Development (2019)*		
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)*		
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)*		
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*		
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*		
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)*		
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)*		
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)*		
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*		
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*		
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)*		
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)*		
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)													
A-FINAL - 2019 Chinese Indoor National Grand Prix Final (Hangzhou, CHN)											*CAA Hurdle Development (2019)*		

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		
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)
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	3.74	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)
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	3.82	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)
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	3.78	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)
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	2.69	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)
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	2.73	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)
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	2.68	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)
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	2.74	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)
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	2.71	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)
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	2.72	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)
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	2.73	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)
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	3.82	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)
Heat 6 - 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	2.59	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		

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

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

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) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

Semi-Final 2 - 2020 Don Kirby Elite Invitational (Albuquerque, NM) (Altitude) — *CAA Hurdle Development (2020)*

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) — 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	3.85	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) — 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	2.73	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) — H1 H2 H3 H4 H5 — Run-In Official Time Lane / Place H1-H4 H4-H7 H7-H10

FINAL - 2010 Five Nations (Glasgow, GBR) — *Blomkvist (2010) - www.sub13.se*

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	

Truwant, Véronique (FRA) (1965) — 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	2.74	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) — 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	2.82	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) — 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 Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

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) — 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 Final (Hangzhou, CHN) — *CAA Hurdle Development (2019)*

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) — 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	2.70	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	

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	

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

		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)			**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	2.70	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)			**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	3.81	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)			**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	2.77	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		

Ge Ge (CHN) (2000)			**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	2.72	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)
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	2.78	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)
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	2.81	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)
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	2.70	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)
A-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	2.72	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)
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	2.67	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)
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	2.75	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)
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	3.92	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)
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)*

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) — 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	3.90	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) — 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	2.73	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) — 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	2.80	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) — 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	2.76	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) — 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	2.80	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) — 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	2.77	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) — 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	2.79	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)			**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 4 (Xi'an, CHN)										*CAA Hurdle Development (2019)*			
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)			**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	2.69	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)			**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	2.78	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)			**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	2.80	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)			**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	2.87	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)			**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	2.76	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)			**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 4 (Xi'an, CHN)										*CAA Hurdle Development (2019)*			
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)			**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	2.78	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)			**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	2.80	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)			**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	2.85	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)			**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	2.87	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)			**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	2.81	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)

			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	2.78	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)

			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	2.82	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)

			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	2.90	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)

			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 4 (Xi'an, CHN)										*CAA Hurdle Development (2019)*			
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)

			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	3.98	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	

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								

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

velocity 5.33 8.33

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

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