Women's 200m Split Times - by time

LAST UPDATE: 27-May-25

Griffith-Joyner, Florence (USA) (1959	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)					*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date 29-Sep-88 time	6.29	11.18	16.10	21.34	21.34	5 / 1			
reaction time 0.205 interval		4.89	4.92	5.24	**WR**	# of strides	11.18	10.16	1.02
wind 1.3 m/s velocity	7.95	10.22	10.16	9.54	9.37	91.8	8.94	9.84	

Jackson, Shericka (JAM) (1994)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 25-Aug-23 time		11.05		21.41	21.41	6 / 1			
reaction time 0.161 interval				10.36	**CR NR PB**	# of strides	11.05	10.36	0.69
wind 0.1 m/s velocity		9.05		9.65	9.34	93.0	9.05	9.65	

Jackson, Shericka (JAM) (1994)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 21-Jul-22 time		11.04		21.45	21.45	4 / 1			
reaction time 0.144 interval				10.41	**CR NR PB**	# of strides	11.04	10.41	0.63
wind 0.6 m/s velocity		9.06		9.61	9.32	93.2	9.06	9.61	

Jackson, Shericka (JAM) (1994)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)					*Omega Timing (2023) - diamond league race analysis*				
date 08-Sep-23 time	6.11	11.00	16.09	21.48	21.48	6 / 1			
reaction time 0.161 interval		4.89	5.09	5.39		# of strides	11.00	10.48	0.52
wind 0.2 m/s velocity	8.18	10.22	9.82	9.28	9.31	93.0	9.09	9.54	

Thompson-Herah, Elaine (JAM) (1992	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Olympic Games (Tokyo, JPN)					*Vazel (2021) - https://twitter.com/pjvazel/status/1422593785813377036?s=21*				
date 03-Aug-21 time		10.99	16.06	21.53	21.53	7 / 1			
reaction time 0.173 interval			5.07	5.47	**NR PB**	# of strides	10.99	10.54	0.45
wind 0.8 m/s velocity		9.10	9.86	9.14	9.29	96.7	9.10	9.49	

Griffith-Joyner, Florence (USA) (1959	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.33	11.29	16.36	21.56	21.56	5 / 1			
reaction time 0.156 interval		4.96	5.07	5.20	**WR**	# of strides	11.29	10.27	1.02
wind 1.7 m/s velocity	7.90	10.08	9.86	9.62	9.28	91.5	8.86	9.74	

Jackson, Shericka (JAM) (1994)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)					*Omega Timing (2023) - diamond league race analysis*				
date 17-Sep-23 time	6.11	11.02	16.10	21.57	21.57	7 / 1			
reaction time 0.152 interval		4.91	5.08	5.47		# of strides	11.02	10.55	0.47
wind 0.3 m/s velocity	8.18	10.18	9.84	9.14	9.27	93.5	9.07	9.48	

Thomas, Gabrielle (USA) (1996)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 USA Olympic Trials (Eugene, OR)					*Vazel (2021) - https://twitter.com/pjvazel/status/1409396275791994886?s=21*				
date 26-Jun-21 time		11.12		21.61	21.61	6 / 1			
reaction time 0.173 interval				10.49	**PB**	# of strides	11.12	10.49	0.63
wind 1.3 m/s velocity		8.99		9.53	9.25	90.0	8.99	9.53	

Jones, Marion (USA) (1975)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1998 World Cup (Johannesburg, RSA) (*Altitude*)								*Veney - 200m women from PJ*	
date 11-Sep-98 time	6.21	11.08	16.13	21.62	21.62	9 / 1			
reaction time 0.258 interval		4.87	5.05	5.49	**CR / PB**	# of strides	11.08	10.54	0.54
wind -0.6 m/s velocity	8.05	10.27	9.90	9.11	9.25		9.03	9.49	

Schippers, Dafne (NED) (1992)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)					*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date 28-Aug-15 time	6.22	11.13	16.17	21.63	21.63	6 / 1			
reaction time 0.149 interval		4.91	5.04	5.46	**AR**	# of strides	11.13	10.50	0.63
wind 0.2 m/s velocity	8.04	10.18	9.92	9.16	9.25	90.5	8.98	9.52	

Thompson, Elaine (JAM) (1992)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)					*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date 28-Aug-15 time	6.21	11.06	16.12	21.66	21.66	5 / 2			
reaction time 0.195 interval		4.85	5.06	5.54	**PB**	# of strides	11.06	10.60	0.46

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

wind	0.2 m/s	velocity	8.05	10.31	9.88	9.03	9.23	95.5	9.04	9.43	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.16		21.67	21.67	5 / 1			
reaction time	0.148	interval				10.51		# of strides	11.16	10.51	0.65
wind	2.0 m/s	velocity		8.96		9.51	9.23	93.0	8.96	9.51	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.1		21.69	21.69	6 / 1			
reaction time	0.203	interval				10.59	PB	# of strides	11.10	10.59	0.51
wind	1.0 m/s	velocity		9.01		9.44	9.22		9.01	9.44	

Koch, Marita (GDR) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympischen Tag (Potsdam, GDR)								*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*			
date	21-Jul-84	time		11.06		21.71	21.71	/ 1			
reaction time		interval				10.65	WR	# of strides	11.06	10.65	0.41
wind	0.3 m/s	velocity		9.04		9.39	9.21		9.04	9.39	

Drechsler, Heike (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Jun-86	time		11.00	16.14	21.71	21.71	4 / 1			
reaction time	0.190	interval			5.14	5.57	AR	# of strides	11.00	10.71	0.29
wind	-0.8 m/s	velocity		9.09	9.73	8.98	9.21		9.09	9.34	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)								*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	6.32	11.32	16.38	21.72	21.72	6 / 2			
reaction time	0.195	interval		5.00	5.06	5.34	PB	# of strides	11.32	10.40	0.92
wind	1.3 m/s	velocity	7.91	10.00	9.88	9.36	9.21	83.3	8.83	9.62	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1992 Olympic Games (Barcelona, ESP)								*Veney - 200m women from PJ*			
date	05-Aug-92	time		11.26	16.35	21.72	21.72	3 / 1			
reaction time		interval			5.09	5.37	PB	# of strides	11.26	10.46	0.80
wind	-0.1 m/s	velocity		8.88	9.82	9.31	9.21	97.0	8.88	9.56	

Göhr, Marlies (GDR) (1958)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 East German National Championships (Erfurt, GDR)								*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*			
date	03-Jun-84	time		11.18		21.74	21.74	/ 1			
reaction time		interval				10.56	PB	# of strides	11.18	10.56	0.62
wind	0.4 m/s	velocity		8.94		9.47	9.20		8.94	9.47	

Gladisch-Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	03-Sep-87	time	6.13	11.09	16.18	21.74	21.74	3 / 1			
reaction time	0.155	interval		4.96	5.09	5.56	CR / PB	# of strides	11.09	10.65	0.44
wind	1.2 m/s	velocity	8.16	10.08	9.82	8.99	9.20	101.5	9.02	9.39	

Campbell-Brown, Veronica (JAM) (19			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.00		21.74	21.74	4 / 1			
reaction time	0.172	interval				10.74	PB	# of strides	11.00	10.74	0.26
wind	0.6 m/s	velocity		9.09		9.31	9.20	96.2	9.09	9.31	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.3	11.3	16.4	21.74	21.74	6 / 1			
reaction time	0.143	interval		5.0	5.1	5.34	NR	# of strides	11.30	10.44	0.86
wind	-0.4 m/s	velocity	7.94	10.00	9.80	9.36	9.20	90.7	8.85	9.58	

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 Weltklasse (Zurich, SUI)								*Track Newsletter (1997) - Zurich GP*			
date	13-Aug-97	time		11.1		21.8	21.76	/ 1			
reaction time		interval				10.70		# of strides	11.10	10.70	0.40

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		9.01		9.35	9.19		9.01	9.35	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)											*Veney - 200m women from PJ*
date	10-Aug-95	time		11.14	16.17	21.77	21.77	6 / ~~1~~			
reaction time		interval			5.03	5.60	DQ	# of strides	11.14	10.63	0.51
wind	-2.2 m/s	velocity		8.98	9.94	8.93	9.19	96.0	8.98	9.41	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)											*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*
date	27-Aug-99	time	6.16	11.10	16.23	21.77	21.77	3 / 1			
reaction time	0.124	interval		4.94	5.13	5.54	PB	# of strides	11.10	10.67	0.43
wind	0.6 m/s	velocity	8.12	10.12	9.75	9.03	9.19		9.01	9.37	

Steiner, Abby (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)											*Track Newsletter (2022) - USATF championships women*
date	26-Jun-22	time	6.34	11.36	16.47	21.77	21.77	/ 1			
reaction time		interval		5.02	5.11	5.30	PB	# of strides	11.36	10.41	0.95
wind	-0.3 m/s	velocity	7.89	9.96	9.78	9.43	9.19		8.80	9.61	

Thompson, Elaine (JAM) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)											*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*
date	17-Aug-16	time		11.0		21.78	21.78	6 / 1			
reaction time	0.152	interval				10.78		# of strides	11.00	10.78	0.22
wind	-0.1 m/s	velocity		9.09		9.28	9.18	97.5	9.09	9.28	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)											*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*
date	28-Jun-24	time	6.28	11.26	16.34	21.78	21.78	7 / 1			
reaction time		interval		4.98	5.08	5.44		# of strides	11.26	10.52	0.74
wind	1.4 m/s	velocity	7.96	10.04	9.84	9.19	9.18	88.0	8.88	9.51	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Weltklasse (Zürich, SUI)											*Omega Timing (2022) - diamond league race analysis*
date	08-Sep-22	time	6.12	11.02	16.20	21.80	21.80	5 / 1			
reaction time	0.140	interval		4.90	5.18	5.60		# of strides	11.02	10.78	0.24
wind	-0.9 m/s	velocity	8.17	10.20	9.65	8.93	9.17	94.0	9.07	9.28	

Brisco-Hooks, Valerie (USA) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)											*Vogel (1984) - olympische spiele in los angeles*
date	09-Aug-84	time		11.20		21.81	21.81	7 / 1			
reaction time	0.200	interval				10.61	OR / PB	# of strides	11.20	10.61	0.59
wind	-0.1 m/s	velocity		8.93		9.43	9.17	96.0	8.93	9.43	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)											*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*
date	06-Aug-92	time		11.27		21.81	21.81	6 / 1			
reaction time		interval				10.54		# of strides	11.27	10.54	0.73
wind	-0.6 m/s	velocity		8.87		9.49	9.17	98.5	8.87	9.49	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)											*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*
date	31-Aug-07	time	6.19	11.15	16.28	21.81	21.81	5 / 1			
reaction time	0.172	interval		4.96	5.13	5.53	PB	# of strides	11.15	10.66	0.49
wind	1.7 m/s	velocity	8.08	10.08	9.75	9.04	9.17	87.5	8.97	9.38	

Mboma, Christine (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Olympic Games (Tokyo, JPN)											*Vazel (2021) - https://twitter.com/pjvazel/status/1422593785813377036?s=21*
date	03-Aug-21	time		11.40	16.50	21.81	21.81	5 / 2			
reaction time	0.169	interval			5.10	5.31	AR WJR	# of strides	11.40	10.41	0.99
wind	0.8 m/s	velocity		8.77	9.80	9.42	9.17	97.0	8.77	9.61	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)											*Timing by Seiko (2022) - world athletics championships race analysis*
date	21-Jul-22	time		11.03		21.81	21.81	6 / 2			
reaction time	0.145	interval				10.78		# of strides	11.03	10.78	0.25

wind	0.6 m/s	velocity		9.07		9.28	9.17	98.0	9.07	9.28	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	25-Aug-23	time		11.20		21.81	21.81	8 / 2			
reaction time	0.162	interval				10.61		# of strides	11.20	10.61	0.59
wind	0.1 m/s	velocity		8.93		9.43	9.17	89.5	8.93	9.43	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	29-Jun-24	time	6.24	11.31	16.30	21.81	21.81	8 / 1			
reaction time		interval		5.07	4.99	5.51		# of strides	11.31	10.50	0.81
wind	0.6 m/s	velocity	8.01	9.86	10.02	9.07	9.17	90.0	8.84	9.52	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.30	11.28	16.33	21.82	21.82	5 / 1			
reaction time		interval		4.98	5.05	5.49		# of strides	11.28	10.54	0.74
wind	5.6 m/s	velocity	7.94	10.04	9.90	9.11	9.17		8.87	9.49	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.08		21.82	21.82	6 / 1			
reaction time	0.146	interval				10.74		# of strides	11.08	10.74	0.34
wind	-0.1 m/s	velocity		9.03		9.31	9.17	96.5	9.03	9.31	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Weltklasse (Zürich, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	6.18	11.15	16.32	21.82	21.82	6 / 1			
reaction time	0.150	interval		4.97	5.17	5.50		# of strides	11.15	10.67	0.48
wind	-0.8 m/s	velocity	8.09	10.06	9.67	9.09	9.17	94.7	8.97	9.37	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.39	11.39	16.48	21.82	21.82	6 / 1			
reaction time	0.209	interval		5.00	5.09	5.34		# of strides	11.39	10.43	0.96
wind	-0.9 m/s	velocity	7.82	10.00	9.82	9.36	9.17	89.0	8.78	9.59	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.18	11.10	16.28	21.83	21.83	7 / 1			
reaction time	0.165	interval		4.92	5.18	5.55		# of strides	11.10	10.73	0.37
wind	-0.6 m/s	velocity	8.09	10.16	9.65	9.01	9.16	90.7	9.01	9.32	

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Veney - 200m women from PJ*			
date	28-Sep-00	time		11.03	16.23	21.84	21.84	4 / ~~4~~			
reaction time	0.174	interval			5.20	5.61	DV	# of strides	11.03	10.81	0.22
wind	0.7 m/s	velocity		9.07	9.62	8.91	9.16		9.07	9.25	

Mboma, Christine (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.4	11.4	16.5	21.84	21.84	5 / 1			
reaction time	0.185	interval		5.00	5.10	5.34		# of strides	11.40	10.44	0.96
wind	0.4 m/s	velocity	7.81	10.00	9.80	9.36	9.16	96.0	8.77	9.58	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.23	11.22	16.35	21.84	21.84	6 / 1			
reaction time	0.173	interval		4.99	5.13	5.49		# of strides	11.22	10.62	0.60
wind	0.2 m/s	velocity	8.03	10.02	9.75	9.11	9.16	94.6	8.91	9.42	

Koch, Marita (GDR) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1979 East German Club Cup (Karl-Marx-Stadt, GDR)								*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*			
date	27-May-79	time		11.24		21.85	21.85	/ 1			
reaction time		interval				10.61		# of strides	11.24	10.61	0.63

wind	2.6 m/s	velocity		8.90		9.43	9.15			8.90	9.43

Wöckel, Bärbel (GDR) (1955)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympischen Tag (Potsdam, GDR)							*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*				
date	21-Jul-84	time		11.27		21.85	21.85	/ 2			
reaction time		interval				10.58	**PB**	# of strides	11.27	10.58	0.69
wind	0.3 m/s	velocity		8.87		9.45	9.15		8.87	9.45	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)							*Omega Timing (2023) - diamond league race analysis*				
date	21-Jul-23	time	6.22	11.20	16.38	21.86	21.86	5 / 1			
reaction time	0.163	interval		4.98	5.18	5.48		# of strides	11.20	10.66	0.54
wind	0.2 m/s	velocity	8.04	10.04	9.65	9.12	9.15	93.0	8.93	9.38	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)							*Omega Timing (2024) - diamond league race analysis*				
date	20-Jul-24	time	6.27	11.31	16.41	21.86	21.86	7 / 2			
reaction time	0.159	interval		5.04	5.10	5.45	**NR PB**	# of strides	11.31	10.55	0.76
wind	-0.9 m/s	velocity	7.97	9.92	9.80	9.17	9.15	96.0	8.84	9.48	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*				
date	05-Aug-24	time	6.22	11.14	16.30	21.86	21.86	8 / 1			
reaction time	0.188	interval		4.92	5.16	5.56		# of strides	11.14	10.72	0.42
wind	0.2 m/s	velocity	8.04	10.16	9.69	8.99	9.15	88.2	8.98	9.33	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	08-Aug-12	time		11.05		21.88	21.88	7 / 1			
reaction time	0.174	interval				10.83		# of strides	11.05	10.83	0.22
wind	-0.2 m/s	velocity		9.05		9.23	9.14	98.2	9.05	9.23	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)							*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*				
date	17-Aug-16	time		11.2		21.88	21.88	4 / 2			
reaction time	0.141	interval				10.68		# of strides	11.20	10.68	0.52
wind	-0.1 m/s	velocity		8.93		9.36	9.14		8.93	9.36	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Weltklasse (Zürich, SUI)							*(2017.08.25) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*				
date	24-Aug-17	time		11.38		21.88	21.88	7 / 1			
reaction time	0.129	interval				10.50	**NR**	# of strides	11.38	10.50	0.88
wind	0.1 m/s	velocity		8.79		9.52	9.14	90.0	8.79	9.52	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 IAAF World Championships (Doha, QAT)							*Takahaski (2019) - race analysis top 200m athletes- domestic and international*				
date	02-Oct-19	time	6.07	11.05	16.25	21.88	21.88	7 / 1			
reaction time	0.138	interval		4.98	5.20	5.63	**NR PB**	# of strides	11.05	10.83	0.22
wind	0.9 m/s	velocity	8.24	10.04	9.62	8.88	9.14	92.7	9.05	9.23	

Koch, Marita (GDR) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)										*Veney - 200m women from PJ*	
date	04-Oct-85	time		11.23	16.41	21.90	21.90	2 / 1			
reaction time		interval			5.18	5.49		# of strides	11.23	10.67	0.56
wind	-0.7 m/s	velocity		8.90	9.65	9.11	9.13		8.90	9.37	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	29-Jun-24	time			16.36	21.97	21.90	9 / 2			
reaction time		interval				5.61	**PB**	# of strides			
wind	0.6 m/s	velocity			9.17	8.91	9.13	95.0			

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 Ericsson (Helsinki, FIN) (TV Analysis)										*Graubner (2008) - http://www.fgs.uni-halle.de*	
date	10-Jun-99	time		11.12		21.91	21.91	/ 1			
reaction time		interval				10.79		# of strides	11.12	10.79	0.33

wind	-0.4 m/s	velocity		8.99		9.27	9.13			8.99	9.27

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)								*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time	6.19	11.18	16.35	21.91	21.91	4 / 1			
reaction time	0.158	interval		4.99	5.17	5.56		# of strides	11.18	10.73	0.45
wind	1.3 m/s	velocity	8.08	10.02	9.67	8.99	9.13	95.0	8.94	9.32	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	29-Jun-24	time	6.26	11.36	16.49	21.91	21.91	7 / 3			
reaction time		interval		5.10	5.13	5.42		# of strides	11.36	10.55	0.81
wind	0.6 m/s	velocity	7.99	9.80	9.75	9.23	9.13	101.7	8.80	9.48	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.19	11.30	16.45	21.92	21.92	/ 2			
reaction time		interval		5.11	5.15	5.47	**PB**	# of strides	11.30	10.62	0.68
wind	-0.3 m/s	velocity	8.08	9.78	9.71	9.14	9.12		8.85	9.42	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	25-Aug-23	time		11.30		21.92	21.92	9 / 3			
reaction time	0.171	interval				10.62	**PB**	# of strides	11.30	10.62	0.68
wind	0.1 m/s	velocity		8.85		9.42	9.12	98.5	8.85	9.42	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.29	11.29	16.45	21.92	21.92	6 / 1			
reaction time		interval		5.00	5.16	5.47	**=PB**	# of strides	11.29	10.63	0.66
wind	1.8 m/s	velocity	7.95	10.00	9.69	9.14	9.12	99.0	8.86	9.41	

Marshall, Pam (USA) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 USA Olympic Trials (Indianapolis, IN)										*Veney - 200m women from PJ*	
date	23-Jul-88	time		11.43	16.59	21.93	21.93	/ 2			
reaction time		interval			5.16	5.34	**PB**	# of strides	11.43	10.50	0.93
wind	1.3 m/s	velocity		8.75	9.69	9.36	9.12		8.75	9.52	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.17		21.93	21.93	5 / 2			
reaction time	0.193	interval				10.76		# of strides	11.17	10.76	0.41
wind	0.6 m/s	velocity		8.95		9.29	9.12	89.5	8.95	9.29	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Bislett Games (Oslo, NOR)								*(2016.06.09) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*			
date	09-Jun-16	time	6.25	11.15		21.93	21.93	5 / 1			
reaction time	0.150	interval		4.90		10.78		# of strides	11.15	10.78	0.37
wind	0.7 m/s	velocity	8.00	10.20		9.28	9.12	91.7	8.97	9.28	

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)										*Track Newsletter (2000) - US olympic trials*	
date	23-Jul-00	time		11.1		21.9	21.94	5 / 1			
reaction time		interval				10.80		# of strides	11.10	10.80	0.30
wind	0.5 m/s	velocity		9.01		9.26	9.12		9.01	9.26	

Drechsler, Heike (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)								*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	6.29	11.36	16.51	21.95	21.95	1 / 3			
reaction time	0.172	interval		5.07	5.15	5.44		# of strides	11.36	10.59	0.77
wind	1.3 m/s	velocity	7.95	9.86	9.71	9.19	9.11	89.5	8.80	9.44	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.3	11.3	16.4	21.95	21.95	6 / 2			
reaction time	0.193	interval		5.00	5.10	5.55		# of strides	11.30	10.65	0.65

wind	0.4 m/s	velocity	7.94	10.00	9.80	9.01	9.11	95.5	8.85	9.39	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.29		21.95	21.95	3 / 1			
reaction time	0.175	interval				10.66		# of strides	11.29	10.66	0.63
wind	1.4 m/s	velocity		8.86		9.38	9.11	99.5	8.86	9.38	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.29	11.33	16.54	21.95	21.95	4 / 1			
reaction time	0.190	interval		5.04	5.21	5.41		# of strides	11.33	10.62	0.71
wind	1.1 m/s	velocity	7.95	9.92	9.60	9.24	9.11	88.0	8.83	9.42	

Griffith-Joyner, Florence (USA) (1959			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	03-Sep-87	time	6.14	11.39	16.50	21.96	21.96	5 / 2			
reaction time	0.141	interval		5.25	5.11	5.46	**PB**	# of strides	11.39	10.57	0.82
wind	1.2 m/s	velocity	8.14	9.52	9.78	9.16	9.11	95.0	8.78	9.46	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.24		21.96	21.96	4 / 2			
reaction time	0.131	interval				10.72		# of strides	11.24	10.72	0.52
wind	1.4 m/s	velocity		8.90		9.33	9.11	95.0	8.90	9.33	

Campbell-Brown, Veronica (JAM) (19			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	28-Aug-15	time	6.12	11.04	16.25	21.97	21.97	2 / 3			
reaction time	0.142	interval		4.92	5.21	5.72		# of strides	11.04	10.93	0.11
wind	0.2 m/s	velocity	8.17	10.16	9.60	8.74	9.10	94.2	9.06	9.15	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.23		21.97	21.97	6 / 3			
reaction time	0.157	interval				10.74		# of strides	11.23	10.74	0.49
wind	1.4 m/s	velocity		8.90		9.31	9.10	97.0	8.90	9.31	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.31		21.97	21.97	8 / 1			
reaction time	0.172	interval				10.66		# of strides	11.31	10.66	0.65
wind	-0.1 m/s	velocity		8.84		9.38	9.10	89.0	8.84	9.38	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)										*Veney - 200m women from PJ*	
date	19-Aug-93	time	6.21	11.15	16.33	21.98	21.98	4 / 1			
reaction time	0.219	interval		4.94	5.18	5.65		# of strides	11.15	10.83	0.32
wind	0.0 m/s	velocity	8.05	10.12	9.65	8.85	9.10	92.5	8.97	9.23	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)								*Omega Timing (2022) - diamond league race analysis*			
date	13-May-22	time	6.2	11.1	17.9	21.98	21.98	5 / 1			
reaction time	0.172	interval		4.90	6.80	4.08		# of strides	11.10	10.88	0.22
wind	1.3 m/s	velocity	8.06	10.20	7.35	12.25	9.10	89.2	9.01	9.19	

Seyni, Aminatou (NIG) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.50		21.98	21.98	6 / 1			
reaction time	0.174	interval				10.48	**NR PB**	# of strides	11.50	10.48	1.02
wind	1.1 m/s	velocity		8.70		9.54	9.10	94.0	8.70	9.54	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.20	11.23	16.41	21.98	21.98	6 / 1			
reaction time	0.161	interval		5.03	5.18	5.57		# of strides	11.23	10.75	0.48

wind	0.8 m/s	velocity	8.06	9.94	9.65	8.98	9.10	96.0	8.90	9.30	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.18	11.19	16.36	21.98	21.98	7 / 1			
reaction time	0.146	interval		5.01	5.17	5.62		# of strides	11.19	10.79	0.40
wind	0.0 m/s	velocity	8.09	9.98	9.67	8.90	9.10	96.0	8.94	9.27	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)								*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	6.20	11.19	16.34	21.99	21.99	3 / 4			
reaction time	0.180	interval		4.99	5.15	5.65	**PB**	# of strides	11.19	10.80	0.39
wind	1.3 m/s	velocity	8.06	10.02	9.71	8.85	9.10	90.4	8.94	9.26	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.27	11.28	16.38	21.99	21.99	6 / 2			
reaction time		interval		5.01	5.10	5.61		# of strides	11.28	10.71	0.57
wind	5.6 m/s	velocity	7.97	9.98	9.80	8.91	9.10		8.87	9.34	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.12	11.18	16.29	21.99	21.99	6 / 1			
reaction time		interval		5.06	5.11	5.70		# of strides	11.18	10.81	0.37
wind	0.5 m/s	velocity	8.17	9.88	9.78	8.77	9.10	98.2	8.94	9.25	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)								*Veney - 200m women from PJ*			
date	19-Aug-83	time	6.30	11.28	16.44	22.00	22.00	6 / 2			
reaction time	0.244	interval		4.98	5.16	5.56		# of strides	11.28	10.72	0.56
wind	0.0 m/s	velocity	7.94	10.04	9.69	8.99	9.09	97.5	8.87	9.33	

Stewart, Kerron (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.15		22.00	22.00	6 / 3			
reaction time	0.199	interval				10.85		# of strides	11.15	10.85	0.30
wind	0.6 m/s	velocity		8.97		9.22	9.09	93.0	8.97	9.22	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.20		22.00	22.00	7 / 1			
reaction time	0.187	interval				10.80		# of strides	11.20	10.80	0.40
wind	-0.2 m/s	velocity		8.93		9.26	9.09	94.0	8.93	9.26	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.27	11.21	16.41	22.00	22.00	7 / 1			
reaction time	0.213	interval		4.94	5.20	5.59		# of strides	11.21	10.79	0.42
wind	0.4 m/s	velocity	7.97	10.12	9.62	8.94	9.09	92.7	8.92	9.27	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.10		22.01	22.01	9 / 4			
reaction time	0.176	interval				10.91	**PB**	# of strides	11.10	10.91	0.19
wind	0.6 m/s	velocity		9.01		9.17	9.09	93.2	9.01	9.17	

McGrone, Candyce (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Butler (2019) - IAAF world championships - Doha 2019: statistics handbook*			
date	28-Aug-15	time		11.0		22.0	22.01	7 / 4			
reaction time	0.158	interval				11.00	**PB**	# of strides	11.00	11.00	0.00
wind	0.2 m/s	velocity		9.09		9.09	9.09	96.5	9.09	9.09	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.29	11.27	16.42	22.01	22.01	/ 3			
reaction time		interval		4.98	5.15	5.59		# of strides	11.27	10.74	0.53

wind	-0.3 m/s	velocity	7.95	10.04	9.71	8.94	9.09		8.87	9.31	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.32	11.45	16.59	22.01	22.01	6 / 1			
reaction time		interval		5.13	5.14	5.42		# of strides	11.45	10.56	0.89
wind	0.6 m/s	velocity	7.91	9.75	9.73	9.23	9.09	102.0	8.73	9.47	

Cuthbert, Juliet (JAM) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	06-Aug-92	time		11.3		22.0	22.02	4 / 2			
reaction time		interval				10.70		# of strides	11.30	10.70	0.60
wind	-0.6 m/s	velocity		8.85		9.35	9.08	97.0	8.85	9.35	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	21-Aug-09	time	6.25	11.16	16.37	22.02	22.02	6 / 1			
reaction time	0.173	interval		4.91	5.21	5.65		# of strides	11.16	10.86	0.30
wind	-0.1 m/s	velocity	8.00	10.18	9.60	8.85	9.08		8.96	9.21	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)							*Track Newsletter (2017) - NCAA women's championships*				
date	10-Jun-17	time		11.5		22.0	22.02	5 / 1			
reaction time		interval				10.50	**PB**	# of strides	11.50	10.50	1.00
wind	1.1 m/s	velocity		8.70		9.52	9.08	97.2	8.70	9.52	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	21-Jul-22	time		11.08		22.02	22.02	3 / 3			
reaction time	0.125	interval				10.94		# of strides	11.08	10.94	0.14
wind	0.6 m/s	velocity		9.03		9.14	9.08	95.0	9.03	9.14	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Commonwealth Games (Birmingham, GBR)							*Longines Timing (2022) - commonwealth games race analysis*				
date	06-Aug-22	time	6.1	11.1	16.3	22.02	22.02	7 / 1			
reaction time	0.173	interval		5.00	5.20	5.72	**CR**	# of strides	11.10	10.92	0.18
wind	0.6 m/s	velocity	8.20	10.00	9.62	8.74	9.08	97.0	9.01	9.16	

Eckert-Wöckel, Bärbel (GDR) (1955)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)										*Veney - 200m women from PJ*	
date	30-Jul-80	time		11.46	16.59	22.03	22.03	1 / 1			
reaction time	0.140	interval			5.13	5.44	**OR**	# of strides	11.46	10.57	0.89
wind	1.4 m/s	velocity		8.73	9.75	9.19	9.08	101.5	8.73	9.46	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.23	11.25	16.46	22.03	22.03	5 / 1			
reaction time		interval		5.02	5.21	5.57		# of strides	11.25	10.78	0.47
wind	2.3 m/s	velocity	8.03	9.96	9.60	8.98	9.08		8.89	9.28	

Steiner, Abby (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.36	11.41	16.53	22.03	22.03	8 / 2			
reaction time		interval		5.05	5.12	5.50		# of strides	11.41	10.62	0.79
wind	1.4 m/s	velocity	7.86	9.90	9.77	9.09	9.08	51.0	8.76	9.42	

Griffith, Florence (USA) (1959)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)										*Vogel (1984) - olympische spiele in los angeles*	
date	09-Aug-84	time		11.17		22.04	22.04	4 / 2			
reaction time	0.185	interval				10.87	**PB**	# of strides	11.17	10.87	0.30
wind	0.1 m/s	velocity		8.95		9.20	9.07	93.0	8.95	9.20	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.2	11.3	16.6	22.04	22.04	3 / 3			
reaction time	0.179	interval		5.10	5.30	5.44		# of strides	11.30	10.74	0.56

wind	0.4 m/s	velocity	8.06	9.80	9.43	9.19	9.07	94.0	8.85	9.31	

Seyni, Aminatou (NIG) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	19-Jul-22	time		11.54		22.04	22.04	3 / 2			
reaction time	0.176	interval				10.50		# of strides	11.54	10.50	1.04
wind	2.0 m/s	velocity		8.67		9.52	9.07	95.0	8.67	9.52	

Campbell, Veronica (JAM) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	25-Aug-04	time		11.1		22.1	22.05	4 / 1			
reaction time		interval				11.0		# of strides	11.10	11.00	0.10
wind	0.8 m/s	velocity		9.01		9.09	9.07		9.01	9.09	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	11-Aug-17	time	6.22	11.14	16.31	22.05	22.05	6 / 1			
reaction time	0.165	interval		4.92	5.17	5.74		# of strides	11.14	10.91	0.23
wind	0.8 m/s	velocity	8.04	10.16	9.67	8.71	9.07	92.2	8.98	9.17	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	19-Jul-22	time		11.23		22.05	22.05	6 / 3			
reaction time	0.125	interval				10.82	**NR PB**	# of strides	11.23	10.82	0.41
wind	2.0 m/s	velocity		8.90		9.24	9.07	101.0	8.90	9.24	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)							*Omega Timing (2023) - diamond league race analysis*				
date	09-Jun-23	time	6.18	11.21	16.42	22.05	22.05	6 / 1			
reaction time	0.170	interval		5.03	5.21	5.63		# of strides	11.21	10.84	0.37
wind	-0.4 m/s	velocity	8.09	9.94	9.60	8.88	9.07	88.0	8.92	9.23	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)							*Seiko Timing (2023) - world championship race analysis*				
date	25-Aug-23	time		11.26		22.05	22.05	7 / 4			
reaction time	0.159	interval				10.79		# of strides	11.26	10.79	0.47
wind	0.1 m/s	velocity		8.88		9.27	9.07	97.7	8.88	9.27	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*				
date	05-Aug-24	time	6.22	11.19	16.43	22.05	22.05	6 / 2			
reaction time	0.141	interval		4.97	5.24	5.62		# of strides	11.19	10.86	0.33
wind	0.0 m/s	velocity	8.04	10.06	9.54	8.90	9.07	91.0	8.94	9.21	

Davis, Tamari (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)							*Grand Slam Track (2025) - results and splits by race*				
date	04-May-25	time	6.36	11.37	16.55	22.05	22.05	8 / 2			
reaction time	0.210	interval		5.01	5.18	5.50	**PB**	# of strides	11.37	10.68	0.69
wind	1.1 m/s	velocity	7.86	9.98	9.65	9.09	9.07	90.0	8.80	9.36	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)							*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*				
date	03-Sep-87	time	6.24	11.35	16.49	22.06	22.06	4 / 3			
reaction time	0.177	interval		5.11	5.14	5.57	**PB**	# of strides	11.35	10.71	0.64
wind	1.2 m/s	velocity	8.01	9.78	9.73	8.98	9.07	92.0	8.81	9.34	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)							*Track Newsletter (2014) - USATF women's championships*				
date	29-Jun-14	time		11.3		22.1	22.06	/ 1			
reaction time	0.152	interval				10.80		# of strides	11.30	10.80	0.50
wind	3.8 m/s	velocity		8.85		9.26	9.07		8.85	9.26	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)							*Omega Timing (2021) - diamond league race analysis*				
date	10-Jun-21	time	6.3	11.4	16.7	22.06	22.06	5 / 1			
reaction time	0.136	interval		5.10	5.30	5.36		# of strides	11.40	10.66	0.74

wind	0.2 m/s	velocity	7.94	9.80	9.43	9.33	9.07	94.0	8.77	9.38	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.36	11.42	16.63	22.07	22.07	3 / 2			
reaction time	0.176	interval		5.06	5.21	5.44		# of strides	11.42	10.65	0.77
wind	1.7 m/s	velocity	7.86	9.88	9.60	9.19	9.06	91.2	8.76	9.39	

Pérec, Marie-José (FRA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1996 Olympic Games (Atlanta, GA)								*Vazel (2011) - speed reserve in the 400m*			
date	01-Aug-96	time		11.28		22.07	22.07	4 / 1			
reaction time	0.185	interval				10.79		# of strides	11.28	10.79	0.49
wind	0.4 m/s	velocity		8.87		9.27	9.06		8.87	9.27	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Butler (2019) - IAAF world championships - Doha 2019: statistics handbook*			
date	28-Aug-15	time		11.2		22.1	22.07	4 / 5			
reaction time	0.162	interval				10.90	**NR PB**	# of strides	11.20	10.90	0.30
wind	0.2 m/s	velocity		8.93		9.17	9.06	92.2	8.93	9.17	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)								*Omega Timing (2022) - diamond league race analysis*			
date	13-May-22	time	6.2	11.2	16.4	22.07	22.07	6 / 2			
reaction time	0.165	interval		5.00	5.20	5.67		# of strides	11.20	10.87	0.33
wind	1.3 m/s	velocity	8.06	10.00	9.62	8.82	9.06	94.7	8.93	9.20	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.15	11.14	16.35	22.07	22.07	5 / 3			
reaction time	0.176	interval		4.99	5.21	5.72		# of strides	11.14	10.93	0.21
wind	-0.9 m/s	velocity	8.13	10.02	9.60	8.74	9.06	96.0	8.98	9.15	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	11-Aug-17	time	6.17	11.17	16.39	22.08	22.08	4 / 2			
reaction time	0.199	interval		5.00	5.22	5.69	**NR**	# of strides	11.17	10.91	0.26
wind	0.8 m/s	velocity	8.10	10.00	9.58	8.79	9.06	98.1	8.95	9.17	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.2	11.1	16.4	22.08	22.08	4 / 2			
reaction time	0.135	interval		4.9	5.3	5.68		# of strides	11.10	10.98	0.12
wind	-0.4 m/s	velocity	8.06	10.20	9.43	8.80	9.06	95.2	9.01	9.11	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.26		22.08	22.08	4 / 4			
reaction time	0.161	interval				10.82		# of strides	11.26	10.82	0.44
wind	2.0 m/s	velocity		8.88		9.24	9.06	96.0	8.88	9.24	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.23	11.26	16.50	22.08	22.08	7 / 2			
reaction time	0.210	interval		5.03	5.24	5.58		# of strides	11.26	10.82	0.44
wind	0.2 m/s	velocity	8.03	9.94	9.54	8.96	9.06	99.0	8.88	9.24	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.24	11.31	16.49	22.08	22.08	8 / 2			
reaction time		interval		5.07	5.18	5.59		# of strides	11.31	10.77	0.54
wind	0.6 m/s	velocity	8.01	9.86	9.65	8.94	9.06	95.2	8.84	9.29	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.18	11.20	16.44	22.08	22.08	8 / 2			
reaction time	0.136	interval		5.02	5.24	5.64		# of strides	11.20	10.88	0.32

wind	-0.6 m/s	velocity	8.09	9.96	9.54	8.87	9.06	96.0	8.93	9.19	

Ottey, Merlene (JAM) (1960) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 1984 Olympic Games (Los Angeles, CA) — *Vogel (1984) - olympische spiele in los angeles*

date	09-Aug-84	time		11.26		22.09	22.09	2 / 3			
reaction time	0.193	interval				10.83	PB	# of strides	11.26	10.83	0.43
wind	-0.1 m/s	velocity		8.88		9.23	9.05	92.0	8.88	9.23	

Möller, Silke (GDR) (1964) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

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

date	29-Sep-88	time	6.28	11.25	16.46	22.09	22.09	4 / 5			
reaction time	0.186	interval		4.97	5.21	5.63		# of strides	11.25	10.84	0.41
wind	1.3 m/s	velocity	7.96	10.06	9.60	8.88	9.05	103.0	8.89	9.23	

Krabbe, Katrin (GER) (1969) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 1991 IAAF World Championships (Tokyo, JPN) — *Butler (2013) - IAAF world championships statistics handbook- moscow 2013*

date	30-Aug-91	time		11.07		22.09	22.09	3 / 1			
reaction time		interval				11.02		# of strides	11.07	11.02	0.05
wind	-2.4 m/s	velocity		9.03		9.07	9.05	92.0	9.03	9.07	

Ottey, Merlene (JAM) (1960) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 1992 Olympic Games (Barcelona, ESP) — *Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*

date	06-Aug-92	time		11.2		22.1	22.09	5 / 3			
reaction time		interval				10.90		# of strides	11.20	10.90	0.30
wind	-0.6 m/s	velocity		8.93		9.17	9.05	93.7	8.93	9.17	

Miller, Inger (USA) (1972) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2000 USA Olympic Trials (Sacramento, CA) — *Track Newsletter (2000) - US olympic trials*

date	23-Jul-00	time		11.2		22.1	22.09	7 / 2			
reaction time		interval				10.90		# of strides	11.20	10.90	0.30
wind	0.5 m/s	velocity		8.93		9.17	9.05		8.93	9.17	

Miller-Uibo, Shaunae (BAH) (1994) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON) — *Omega Timing (2019) - diamond league race analysis*

date	12-Jul-19	time	6.3	11.6	16.6	22.09	22.09	6 / 1			
reaction time	0.195	interval		5.3	5.0	5.49		# of strides	11.60	10.49	1.11
wind	0.1 m/s	velocity	7.94	9.43	10.00	9.11	9.05	91.2	8.62	9.53	

Fraser-Price, Shelly-Ann (JAM) (1986) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2012 Olympic Games (London, GBR) — *Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*

date	08-Aug-12	time		11.15		22.09	22.09	4 / 2			
reaction time	0.169	interval				10.94	PB	# of strides	11.15	10.94	0.21
wind	-0.2 m/s	velocity		8.97		9.14	9.05	96.2	8.97	9.14	

Smallwood-Cook, Kathy (GBR) (1960 — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 1984 Olympic Games (Los Angeles, CA) — *Vogel (1984) - olympische spiele in los angeles*

date	09-Aug-84	time		11.37		22.10	22.10	3 / 4			
reaction time	0.142	interval				10.73	NR	# of strides	11.37	10.73	0.64
wind	0.1 m/s	velocity		8.80		9.32	9.05	90.0	8.80	9.32	

Duncan, Kimberlyn (USA) (1991) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2014 USATF National Championships (Sacramento, CA) — *Track Newsletter (2014) - USATF women's championships*

date	29-Jun-14	time		11.5		22.1	22.10	/ 2			
reaction time	0.182	interval				10.60		# of strides	11.50	10.60	0.90
wind	3.8 m/s	velocity		8.70		9.43	9.05		8.70	9.43	

Jackson, Shericka (JAM) (1994) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2021 Bauhaus Galan (Stockholm, SWE) — *Omega Timing (2021) - diamond league race analysis*

date	04-Jul-21	time	6.3	11.4	16.5	22.10	22.10	5 / 1			
reaction time	0.159	interval		5.10	5.10	5.60		# of strides	11.40	10.70	0.70
wind	-0.4 m/s	velocity	7.94	9.80	9.80	8.93	9.05	96.0	8.77	9.35	

Ta Lou, Marie Josée (CIV) (1988) — 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

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

date	17-Sep-23	time	6.15	11.20	16.45	22.10	22.10	3 / 2			
reaction time	0.149	interval		5.05	5.25	5.65		# of strides	11.20	10.90	0.30

wind	0.3 m/s	velocity	8.13	9.90	9.52	8.85	9.05	97.5	8.93	9.17	

Davis, Tamari (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.22	11.35	16.58	22.10	22.10	9 / 3			
reaction time		interval		5.13	5.23	5.52	**PB**	# of strides	11.35	10.75	0.60
wind	0.6 m/s	velocity	8.04	9.75	9.56	9.06	9.05	90.2	8.81	9.30	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)							*Hymans (2020) - history of the US olympic trials - track and field*				
date	30-Jun-12	time		11.2		22.11	22.11	8 / 2			
reaction time	0.165	interval				10.91	**PB**	# of strides	11.20	10.91	0.29
wind	1.0 m/s	velocity		8.93		9.17	9.05		8.93	9.17	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	27-Jun-24	time	6.26	11.32	16.49	22.11	22.11	7 / 1			
reaction time		interval		5.06	5.17	5.62		# of strides	11.32	10.79	0.53
wind	0.1 m/s	velocity	7.99	9.88	9.67	8.90	9.05	89.0	8.83	9.27	

Krabbe, Katrin (GER) (1969)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 German National Championships (Hannover, GER)							*Graubner (2008) - http://www.fgs.uni-halle.de*				
date	28-Jul-91	time	6.17	11.20	16.46	22.12	22.12	/ 1			
reaction time		interval		5.03	5.26	5.66		# of strides	11.20	10.92	0.28
wind	-1.4 m/s	velocity	8.10	9.94	9.51	8.83	9.04		8.93	9.16	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)								*Veney - 200m women from PJ*			
date	25-Aug-95	time		11.12	16.37	22.12	22.12	4 / ~~2~~ 1			
reaction time	0.157	interval			5.25	5.75		# of strides	11.12	11.00	0.12
wind	-2.2 m/s	velocity		8.99	9.52	8.70	9.04	91.5	8.99	9.09	

Privalova, Irina (RUS) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)								*Veney - 200m women from PJ*			
date	25-Aug-95	time		11.17	16.40	22.12	22.12	5 / ~~3~~ 2			
reaction time	0.189	interval			5.23	5.72		# of strides	11.17	10.95	0.22
wind	-2.2 m/s	velocity		8.95	9.56	8.74	9.04	92.2	8.95	9.13	

Pérec, Marie-José (FRA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)											*Veney ????*
date	01-Aug-96	time		11.38	16.61	22.12	22.12	3 / 1			
reaction time	0.174	interval			5.23	5.51		# of strides	11.38	10.74	0.64
wind	0.3 m/s	velocity		8.79	9.56	9.07	9.04		8.79	9.31	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Great CityGames (Manchester, GBR) (200m straightaway)							*Butler (2011) - Gay's last 100 in Manchester street 150*				
date	15-May-11	time	6.31	11.26	16.48	22.12	22.12	2 / 1			
reaction time		interval		4.95	5.22	5.64		# of strides	11.26	10.86	0.40
wind	2.6 m/s	velocity	7.92	10.10	9.58	8.87	9.04		8.88	9.21	

Seyni, Aminatou (NIG) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	21-Jul-22	time		11.29		22.12	22.12	7 / 4			
reaction time	0.195	interval				10.83		# of strides	11.29	10.83	0.46
wind	0.6 m/s	velocity		8.86		9.23	9.04	93.7	8.86	9.23	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.30	11.41	16.67	22.12	22.12	5 / 3			
reaction time		interval		5.11	5.26	5.45		# of strides	11.41	10.71	0.70
wind	1.4 m/s	velocity	7.94	9.78	9.51	9.17	9.04	98.0	8.76	9.34	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*				
date	05-Aug-24	time	6.24	11.22	16.42	22.12	22.12	7 / 1			
reaction time	0.202	interval		4.98	5.20	5.70		# of strides	11.22	10.90	0.32

wind	0.1 m/s	velocity	8.01	10.04	9.62	8.77	9.04	93.0	8.91	9.17	

Smallwood, Kathy (GBR) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1982 European Championships (Athens, GRE)							*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*				
date	09-Sep-82	time		11.44		22.13	22.13	/ 2			
reaction time		interval				10.69	NUR	# of strides	11.44	10.69	0.75
wind	0.9 m/s	velocity		8.74		9.35	9.04		8.74	9.35	

Koch, Marita (GDR) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)							*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*				
date	14-Aug-83	time		11.28	16.53	22.13	22.13	6 / 1			
reaction time	0.225	interval			5.25	5.60	CR	# of strides	11.28	10.85	0.43
wind	1.5 m/s	velocity		8.87	9.52	8.93	9.04	99.0	8.87	9.22	

Jackson, Grace (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.36	11.37	16.60	22.13	22.13	4 / 1			
reaction time	0.194	interval		5.01	5.23	5.53		# of strides	11.37	10.76	0.61
wind	1.8 m/s	velocity	7.86	9.98	9.56	9.04	9.04		8.80	9.29	

Privalova, Irina (RUS) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)							*Veney - 200m women from PJ*				
date	19-Aug-93	time	6.25	11.30	16.54	22.13	22.13	3 / 3			
reaction time	0.206	interval		5.05	5.24	5.59	PB	# of strides	11.30	10.83	0.47
wind	0.0 m/s	velocity	8.00	9.90	9.54	8.94	9.04	91.5	8.85	9.23	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)							*USATF Women's Sprint Development (2005)*				
date	26-Jun-05	time	6.38	11.32	16.70	22.13	22.13	6 / 1			
reaction time		interval		4.94	5.38	5.43		# of strides	11.32	10.81	0.51
wind	0.3 m/s	velocity	7.84	10.12	9.29	9.21	9.04	87.2	8.83	9.25	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 London Anniversary Games (London, GBR)							*(2016.07.23) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*				
date	23-Jul-16	time		11.29		22.13	22.13	6 / 1			
reaction time	0.144	interval				10.84		# of strides	11.29	10.84	0.45
wind	-0.8 m/s	velocity		8.86		9.23	9.04		8.86	9.23	

Guidry-White, Carlette (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)							*USATF Women's Sprint Development (1996)*				
date	23-Jun-96	time		11.22	16.43	22.14	22.14	3 / 1			
reaction time		interval			5.21	5.71	PB	# of strides	11.22	10.92	0.30
wind	-0.6 m/s	velocity		8.91	9.60	8.76	9.03		8.91	9.16	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	08-Aug-12	time		11.08		22.14	22.14	9 / 3			
reaction time	0.167	interval				11.06		# of strides	11.08	11.06	0.02
wind	-0.2 m/s	velocity		9.03		9.04	9.03	96.0	9.03	9.04	

Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.34	11.33	16.54	22.15	22.15	7 / 3			
reaction time	0.205	interval		4.99	5.21	5.61		# of strides	11.33	10.82	0.51
wind	1.7 m/s	velocity	7.89	10.02	9.60	8.91	9.03	102.5	8.83	9.24	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)							*Track Newsletter (2011) - USATF women's championships*				
date	26-Jun-11	time		11.4		22.2	22.15	/ 1			
reaction time		interval				10.80	PB	# of strides	11.40	10.80	0.60
wind	1.0 m/s	velocity		8.77		9.26	9.03		8.77	9.26	

Bowie, Towie (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)							*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*				
date	17-Aug-16	time		11.3		22.15	22.15	5 / 3			
reaction time	0.143	interval				10.85		# of strides	11.30	10.85	0.45

wind	-0.1 m/s	velocity		8.85		9.22	9.03	91.5	8.85	9.22	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	11-Aug-17	time	6.31	11.37	16.59	22.15	22.15	5 / 3			
reaction time	0.147	interval		5.06	5.22	5.56		# of strides	11.37	10.78	0.59
wind	0.8 m/s	velocity	7.92	9.88	9.58	8.99	9.03	90.6	8.80	9.28	

Steiner, Abby (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	19-Jul-22	time		11.35		22.15	22.15	5 / 2			
reaction time	0.130	interval				10.80		# of strides	11.35	10.80	0.55
wind	-0.1 m/s	velocity		8.81		9.26	9.03	102.0	8.81	9.26	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)							*Omega Timing (2023) - diamond league race analysis*				
date	28-May-23	time	6.29	11.40	16.61	22.15	22.15	4 / 2			
reaction time	0.140	interval		5.11	5.21	5.54	PB	# of strides	11.40	10.75	0.65
wind	0.8 m/s	velocity	7.95	9.78	9.60	9.03	9.03	89.0	8.77	9.30	

Jefferson, Melissa (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)							*Grand Slam Track (2025) - results and splits by race*				
date	04-May-25	time	6.23	11.27	16.47	22.15	22.15	7 / 3			
reaction time	0.230	interval		5.04	5.20	5.68	PB	# of strides	11.27	10.88	0.39
wind	1.1 m/s	velocity	8.03	9.92	9.62	8.80	9.03	97.5	8.87	9.19	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 IAAF World Championships (Tokyo, JPN)							*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date	30-Aug-91	time		11.30		22.16	22.16	4 / 2			
reaction time		interval				10.86		# of strides	11.30	10.86	0.44
wind	-2.4 m/s	velocity		8.85		9.21	9.03	98.0	8.85	9.21	

Sturgis, Cambrea (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)							*Track Newsletter (2022) - USATF championships women*				
date	26-Jun-22	time	6.33	11.44	16.62	22.16	22.16	/ 4			
reaction time		interval		5.11	5.18	5.54		# of strides	11.44	10.72	0.72
wind	-0.3 m/s	velocity	7.90	9.78	9.65	9.03	9.03		8.74	9.33	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)							*Seiko Timing (2023) - world championship race analysis*				
date	23-Aug-23	time		11.35		22.16	22.16	6 / 1			
reaction time	0.168	interval				10.81		# of strides	11.35	10.81	0.54
wind	-0.7 m/s	velocity		8.81		9.25	9.03	98.0	8.81	9.25	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)							*Seiko Timing (2023) - world championship race analysis*				
date	25-Aug-23	time		11.26		22.16	22.16	5 / 5			
reaction time	0.148	interval				10.90	PB	# of strides	11.26	10.90	0.36
wind	0.1 m/s	velocity		8.88		9.17	9.03	92.0	8.88	9.17	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)							*Omega Timing (2023) - diamond league race analysis*				
date	17-Sep-23	time	6.32	11.41	16.60	22.16	22.16	8 / 3			
reaction time	0.148	interval		5.09	5.19	5.56		# of strides	11.41	10.75	0.66
wind	0.3 m/s	velocity	7.91	9.82	9.63	8.99	9.03	86.7	8.76	9.30	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	29-Jun-24	time	6.33	11.34	16.49	22.16	22.16	6 / 4			
reaction time		interval		5.01	5.15	5.67		# of strides	11.34	10.82	0.52
wind	0.6 m/s	velocity	7.90	9.98	9.71	8.82	9.03	99.0	8.82	9.24	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)							*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date	29-Sep-88	time	6.33	11.38	16.56	22.17	22.17	8 / 6			
reaction time	0.187	interval		5.05	5.18	5.61		# of strides	11.38	10.79	0.59

wind	1.3 m/s	velocity	7.90	9.90	9.65	8.91	9.02	102.3	8.79	9.27	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.2		22.2	22.17	4 / 1			
reaction time	0.156	interval				11.00		# of strides	11.20	11.00	0.20
wind	-0.3 m/s	velocity		8.93		9.09	9.02	100.5	8.93	9.09	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.42		22.17	22.17	6 / 1			
reaction time	0.159	interval				10.75		# of strides	11.42	10.75	0.67
wind	-0.2 m/s	velocity		8.76		9.30	9.02	97.0	8.76	9.30	

Ashford, Evelyn (USA) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1981 IAAF World Cup (Rome, ITA)								*Veney - 200m women from PJ*			
date	04-Sep-81	time		11.10		22.18	22.18	/ 1			
reaction time		interval				11.08		# of strides	11.10	11.08	0.02
wind	0.7 m/s	velocity		9.01		9.03	9.02		9.01	9.03	

Marshall, Pam (USA) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Helsinki, FIN)								*Veney - 200m women from PJ*			
date	03-Sep-87	time	6.37	11.57	16.75	22.18	22.18	1 / 4			
reaction time	0.195	interval		5.20	5.18	5.43		# of strides	11.57	10.61	0.96
wind	1.2 m/s	velocity	7.85	9.62	9.65	9.21	9.02	90.5	8.64	9.43	

Young-Stone, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time		11.27	16.48	22.18	22.18	5 / 2			
reaction time		interval			5.21	5.70	**PB**	# of strides	11.27	10.91	0.36
wind	-0.6 m/s	velocity		8.87	9.60	8.77	9.02		8.87	9.17	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	25-Aug-04	time		11.2		22.2	22.18	3 / 2			
reaction time		interval				11.0	**WJR**	# of strides	11.20	11.00	0.20
wind	0.8 m/s	velocity		8.93		9.09	9.02		8.93	9.09	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.3		22.2	22.16	6 / 1			
reaction time	0.180	interval				10.90		# of strides	11.30	10.90	0.40
wind	0.2 m/s	velocity		8.85		9.17	9.03	91.0	8.85	9.17	

Bryant, Dezerea (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)								*Track Newsletter (2015) - NCAA women's championships*			
date	13-Jun-15	time		11.3		22.2	22.18	6 / 1			
reaction time		interval				10.90	**PB**	# of strides	11.30	10.90	0.40
wind	1.9 m/s	velocity		8.85		9.17	9.02		8.85	9.17	

Bochina, Natalya (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)								*Veney - 200m women from PJ*			
date	30-Jul-80	time		11.43	16.70	22.19	22.19	6 / 2			
reaction time	0.166	interval			5.27	5.49	**AJR**	# of strides	11.43	10.76	0.67
wind	1.4 m/s	velocity		8.75	9.49	9.11	9.01	95.2	8.75	9.29	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)								*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	14-Aug-83	time		11.42	16.64	22.19	22.19	7 / 2			
reaction time	0.165	interval			5.22	5.55		# of strides	11.42	10.77	0.65
wind	1.5 m/s	velocity		8.76	9.58	9.01	9.01	93.5	8.76	9.29	

Privalova, Irina (EUN) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	06-Aug-92	time		11.2		22.2	22.19	3 / 4			
reaction time		interval				11.00		# of strides	11.20	11.00	0.20

wind	-0.6 m/s	velocity		8.93		9.09	9.01	93.7	8.93	9.09	

Atkins, Joanna (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)								*Track Newsletter (2014) - USATF women's championships*			
date	29-Jun-14	time		11.4		22.2	22.19	/ 3			
reaction time	0.183	interval				10.80		# of strides	11.40	10.80	0.60
wind	3.8 m/s	velocity		8.77		9.26	9.01		8.77	9.26	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)									*Veney - 200m women from PJ*		
date	30-Jul-80	time		11.51	16.71	22.20	22.20	3 / 3			
reaction time	0.157	interval			5.20	5.49	**PB**	# of strides	11.51	10.69	0.82
wind	1.4 m/s	velocity		8.69	9.62	9.11	9.01	89.7	8.69	9.35	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)									*Vogel (1984) - olympische spiele in los angeles*		
date	09-Aug-84	time		11.44		22.18	22.20	8 / 5			
reaction time	0.243	interval				10.74	**PB**	# of strides	11.44	10.74	0.70
wind	0.1 m/s	velocity		8.74		9.31	9.01		8.74	9.31	

Pérec, Marie-José (FRA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)									*Veney - 200m women from PJ*		
date	19-Aug-93	time	6.32	11.36	16.52	22.20	22.20	7 / 4			
reaction time	0.194	interval		5.04	5.16	5.68		# of strides	11.36	10.84	0.52
wind	0.0 m/s	velocity	7.91	9.92	9.69	8.80	9.01	85.2	8.80	9.23	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.29	11.41	16.53	22.20	22.20	7 / 3			
reaction time		interval		5.12	5.12	5.67		# of strides	11.41	10.79	0.62
wind	5.6 m/s	velocity	7.95	9.77	9.77	8.82	9.01		8.76	9.27	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.3		22.2	22.20	/ 1			
reaction time		interval				10.90	**PB**	# of strides	11.30	10.90	0.40
wind	0.4 m/s	velocity		8.85		9.17	9.01		8.85	9.17	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.39		22.20	22.20	8 / 2			
reaction time	0.158	interval				10.81		# of strides	11.39	10.81	0.58
wind	-0.2 m/s	velocity		8.78		9.25	9.01	99.7	8.78	9.25	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	29-Jun-24	time	6.30	11.40	16.67	22.20	22.20	2 / 5			
reaction time		interval		5.10	5.27	5.53		# of strides	11.40	10.80	0.60
wind	0.6 m/s	velocity	7.94	9.80	9.49	9.04	9.01	99.7	8.77	9.26	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.28	11.28	16.48	22.20	22.20	4 / 4			
reaction time	0.140	interval		5.00	5.20	5.72		# of strides	11.28	10.92	0.36
wind	-0.9 m/s	velocity	7.96	10.00	9.62	8.74	9.01	91.0	8.87	9.16	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.29	11.28	16.53	22.20	22.20	5 / 1			
reaction time	0.182	interval		4.99	5.25	5.67		# of strides	11.28	10.92	0.36
wind	0.0 m/s	velocity	7.95	10.02	9.52	8.82	9.01	90.0	8.87	9.16	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.21	11.18	16.49	22.20	22.20	6 / 3			
reaction time	0.173	interval		4.97	5.31	5.71		# of strides	11.18	11.02	0.16

wind	-0.6 m/s	velocity	8.05	10.06	9.42	8.76	9.01	96.0	8.94	9.07	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.30	11.32	16.57	22.20	22.20	7 / 1			
reaction time	0.177	interval		5.02	5.25	5.63		# of strides	11.32	10.88	0.44
wind	0.2 m/s	velocity	7.94	9.96	9.52	8.88	9.01	93.7	8.83	9.19	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 IAAF World Championships (Tokyo, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	30-Aug-91	time		11.17		22.21	22.21	5 / 3			
reaction time		interval				11.04		# of strides	11.17	11.04	0.13
wind	-2.4 m/s	velocity		8.95		9.06	9.00	93.7	8.95	9.06	

White, Kelli (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.26	11.46	16.63	22.21	22.21	5 / ~~1~~			
reaction time		interval		5.20	5.17	5.58	DV	# of strides	11.46	10.75	0.71
wind	0.0 m/s	velocity	7.99	9.62	9.67	8.96	9.00		8.73	9.30	

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.21	11.31	16.62	22.21	22.21	3 / 4			
reaction time		interval		5.10	5.31	5.59		# of strides	11.31	10.90	0.41
wind	5.6 m/s	velocity	8.05	9.80	9.42	8.94	9.00		8.84	9.17	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)								*Track Newsletter (2015) - NCAA women's championships*			
date	13-Jun-15	time		11.3		22.2	22.21	3 / 2			
reaction time		interval				10.90	PB	# of strides	11.30	10.90	0.40
wind	1.9 m/s	velocity		8.85		9.17	9.00		8.85	9.17	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)								*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*			
date	17-Aug-16	time		11.3		22.21	22.21	3 / 4			
reaction time	0.153	interval				10.91	NR PB	# of strides	11.30	10.91	0.39
wind	-0.1 m/s	velocity		8.85		9.17	9.00	98.0	8.85	9.17	

Terry, Twanisha (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)								*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	6.19	11.17	16.41	22.21	22.21	9 / 4			
reaction time	0.143	interval		4.98	5.24	5.80		# of strides	11.17	11.04	0.13
wind	0.3 m/s	velocity	8.08	10.04	9.54	8.62	9.00	101.7	8.95	9.06	

McDonald, Beverly (JAM) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	17-Aug-99	time	6.31	11.28	16.57	22.22	22.22	8 / 2			
reaction time	0.135	interval		4.97	5.29	5.65	PB	# of strides	11.28	10.94	0.34
wind	0.6 m/s	velocity	7.92	10.06	9.45	8.85	9.00		8.87	9.14	

Smith, Rachelle (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.41	11.35	17.13	22.22	22.22	7 / 2			
reaction time		interval		4.94	5.78	5.09	PB	# of strides	11.35	10.87	0.48
wind	0.3 m/s	velocity	7.80	10.12	8.65	9.82	9.00	95.5	8.81	9.20	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.34	11.37	16.53	22.22	22.22	6 / 1			
reaction time		interval		5.03	5.16	5.69		# of strides	11.37	10.85	0.52
wind	0.0 m/s	velocity	7.89	9.94	9.69	8.79	9.00		8.80	9.22	

Campbell-Brown, Veronica (JAM) (19			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*KSSB (2011) - biomechanical analyis of men's 200m (final)*			
date	02-Sep-11	time	6.00	11.03	16.34	22.22	22.22	5 / 1			
reaction time	0.151	interval		5.03	5.31	5.88		# of strides	11.03	11.19	-0.16

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

wind	-1.0 m/s	velocity	8.33	9.94	9.42	8.50	9.00	98.5	9.07	8.94	

Richards-Ross, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.4		22.22	22.22	4 / 3			
reaction time	0.177	interval				10.82		# of strides	11.40	10.82	0.58
wind	1.0 m/s	velocity		8.77		9.24	9.00		8.77	9.24	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	11-Aug-17	time		11.09	16.34	22.05	22.22	8 / 4			
reaction time	0.169	interval			5.25	5.71		# of strides	11.09	10.96	0.13
wind	0.8 m/s	velocity		9.02	9.52	8.76	9.00	96.2	9.02	9.12	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 IAAF World Championships (Doha, QAT)								*Takahaski (2019) - race analysis top 200m athletes- domestic and international*			
date	02-Oct-19	time	6.28	11.25	16.49	22.22	22.22	6 / 2			
reaction time	0.228	interval		4.97	5.24	5.73	**PB**	# of strides	11.25	10.97	0.28
wind	0.9 m/s	velocity	7.96	10.06	9.54	8.73	9.00	92.0	8.89	9.12	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.35	11.38	16.69	22.22	22.22	/ 5			
reaction time		interval		5.03	5.31	5.53		# of strides	11.38	10.84	0.54
wind	-0.3 m/s	velocity	7.87	9.94	9.42	9.04	9.00		8.79	9.23	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.16	11.15	16.46	22.22	22.22	4 / 4			
reaction time	0.144	interval		4.99	5.31	5.76		# of strides	11.15	11.07	0.08
wind	-0.6 m/s	velocity	8.12	10.02	9.42	8.68	9.00	96.5	8.97	9.03	

Richards, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 IAAF World Cup (Athens, GRE) *(TV Analysis)*								*Graubner (2008) - http://www.fgs.uni-halle.de*			
date	17-Sep-06	time		11.39		22.23	22.23	6 / 1			
reaction time	0.162	interval				10.84		# of strides	11.39	10.84	0.55
wind	-0.2 m/s	velocity		8.78		9.23	9.00		8.78	9.23	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.4		22.2	22.23	/ 2			
reaction time		interval				10.80	**PB**	# of strides	11.40	10.80	0.60
wind	1.0 m/s	velocity		8.77		9.26	9.00		8.77	9.26	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.3	11.4	16.7	22.23	22.23	7 / 1			
reaction time	0.132	interval		5.10	5.30	5.53		# of strides	11.40	10.83	0.57
wind	0.7 m/s	velocity	7.94	9.80	9.43	9.04	9.00	90.0	8.77	9.23	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.12	11.16	16.48	22.23	22.23	4 / 3			
reaction time	0.153	interval		5.04	5.32	5.75		# of strides	11.16	11.07	0.09
wind	0.2 m/s	velocity	8.17	9.92	9.40	8.70	9.00	95.0	8.96	9.03	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.27	11.24	16.50	22.23	22.23	5 / 5			
reaction time	0.143	interval		4.97	5.26	5.73		# of strides	11.24	10.99	0.25
wind	-0.6 m/s	velocity	7.97	10.06	9.51	8.73	9.00	90.0	8.90	9.10	

Walther, Gesine (GDR) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR)								*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen 1981/84*			
date	09-Sep-82	time		11.27		22.24	22.24	/ 2			
reaction time		interval				10.97	**PB**	# of strides	11.27	10.97	0.30

wind	0.9 m/s	velocity		8.87		9.12	8.99		8.87	9.12	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)											*Veney ????*
date	01-Aug-96	time		11.28	16.51	22.24	22.24	5 / 2			
reaction time	0.194	interval			5.23	5.73		# of strides	11.28	10.96	0.32
wind	0.3 m/s	velocity		8.87	9.56	8.73	8.99		8.87	9.12	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date	20-Aug-09	time	6.19	11.21	16.54	22.24	22.24	6 / 1			
reaction time	0.133	interval		5.02	5.33	5.70		# of strides	11.21	11.03	0.18
wind	0.5 m/s	velocity	8.08	9.96	9.38	8.77	8.99		8.92	9.07	

Brown, Kamaria (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)											*Track Newsletter (2015) - NCAA women's championships*
date	13-Jun-15	time		11.4		22.2	22.24	5 / 3			
reaction time		interval				10.80	**PB**	# of strides	11.40	10.80	0.60
wind	1.9 m/s	velocity		8.77		9.26	8.99		8.77	9.26	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)											*Track Newsletter (2015) - NCAA women's championships*
date	13-Jun-15	time		11.5		22.2	22.24	4 / 4			
reaction time		interval				10.70	**PB**	# of strides	11.50	10.70	0.80
wind	1.9 m/s	velocity		8.70		9.35	8.99		8.70	9.35	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)											*Omega Timing (2019) - diamond league race analysis*
date	18-Aug-19	time	6.4	11.5	16.7	22.24	22.24	6 / 1			
reaction time	0.128	interval		5.1	5.2	5.54		# of strides	11.50	10.74	0.76
wind	0.4 m/s	velocity	7.81	9.80	9.62	9.03	8.99	91.2	8.70	9.31	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2022 World Athletics Championships (Eugene, OR)											*Timing by Seiko (2022) - world athletics championships race analysis*
date	18-Jul-22	time		11.46		22.24	22.24	2 / 1			
reaction time	0.148	interval				10.78		# of strides	11.46	10.78	0.68
wind	1.9 m/s	velocity		8.73		9.28	8.99	93.2	8.73	9.28	

Steiner, Abby (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)											*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*
date	29-Jun-24	time	6.34	11.41	16.62	22.24	22.24	5 / 6			
reaction time		interval		5.07	5.21	5.62		# of strides	11.41	10.83	0.58
wind	0.6 m/s	velocity	7.89	9.86	9.60	8.90	8.99	102.2	8.76	9.23	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*
date	04-Aug-24	time	6.26	11.31	16.57	22.24	22.24	2 / 1			
reaction time	0.154	interval		5.05	5.26	5.67		# of strides	11.31	10.93	0.38
wind	0.5 m/s	velocity	7.99	9.90	9.51	8.82	8.99	92.7	8.84	9.15	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*
date	05-Aug-24	time	6.22	11.19	16.44	22.24	22.24	6 / 2			
reaction time	0.145	interval		4.97	5.25	5.80		# of strides	11.19	11.05	0.14
wind	0.1 m/s	velocity	8.04	10.06	9.52	8.62	8.99	90.7	8.94	9.05	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*
date	06-Aug-24	time	6.25	11.23	16.54	22.24	22.24	9 / 6			
reaction time	0.144	interval		4.98	5.31	5.70		# of strides	11.23	11.01	0.22
wind	-0.6 m/s	velocity	8.00	10.04	9.42	8.77	8.99	92.5	8.90	9.08	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)											*USATF Women's Sprint Development (1996)*
date	23-Jun-96	time		11.28	16.52	22.25	22.25	8 / 3			
reaction time		interval			5.24	5.73	**=PB**	# of strides	11.28	10.97	0.31

wind	-0.6 m/s	velocity		8.87	9.54	8.73	8.99		8.87	9.12

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time		11.29	16.53	22.25	22.25	4 / 4			
reaction time		interval			5.24	5.72		# of strides	11.29	10.96	0.33
wind	-0.6 m/s	velocity		8.86	9.54	8.74	8.99		8.86	9.12	

Ogunkoya, Falilat (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1998 World Cup (Johannesburg, RSA) (*Altitude*)								*Veney - 200m women from PJ*			
date	11-Sep-98	time	6.37	11.38	16.68	22.25	22.25	2 / 2			
reaction time	0.159	interval		5.01	5.30	5.57		# of strides	11.38	10.87	0.51
wind	-0.6 m/s	velocity	7.85	9.98	9.43	8.98	8.99		8.79	9.20	

Philipp, Andrea (GER) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1999 IAAF World Championship (Sevilla, ESP) (TV Analysis)								*Graubner (2008) - http://www.fgs.uni-halle.de*			
date	25-Aug-99	time		11.47		22.25	22.25	8 / 2			
reaction time	0.139	interval				10.78	**PB**	# of strides	11.47	10.78	0.69
wind	1.8 m/s	velocity		8.72		9.28	8.99		8.72	9.28	

Knight, Bianca (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.23	11.33	16.58	22.25	22.25	4 / 5			
reaction time		interval		5.10	5.25	5.67		# of strides	11.33	10.92	0.41
wind	5.6 m/s	velocity	8.03	9.80	9.52	8.82	8.99		8.83	9.16	

Bowie, Towie (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.2		22.3	22.25	7 / 1			
reaction time	0.232	interval				11.10		# of strides	11.20	11.10	0.10
wind	-0.6 m/s	velocity		8.93		9.01	8.99	91.7	8.93	9.01	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.2	11.2	16.5	22.25	22.25	5 / 2			
reaction time	0.144	interval		5.00	5.30	5.75		# of strides	11.20	11.05	0.15
wind	0.7 m/s	velocity	8.06	10.00	9.43	8.70	8.99	99.0	8.93	9.05	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)								*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time	6.20	11.16	16.45	22.25	22.25	6 / 2			
reaction time	0.176	interval		4.96	5.29	5.80		# of strides	11.16	11.09	0.07
wind	1.3 m/s	velocity	8.06	10.08	9.45	8.62	8.99	99.0	8.96	9.02	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Weltklasse (Zürich, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	6.27	11.24	16.50	22.25	22.25	7 / 2			
reaction time	0.150	interval		4.97	5.26	5.75		# of strides	11.24	11.01	0.23
wind	-0.8 m/s	velocity	7.97	10.06	9.51	8.70	8.99	92.7	8.90	9.08	

Frazer, Merlene (JAM) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.29	11.26	16.54	22.26	22.26	5 / =3			
reaction time	0.277	interval		4.97	5.28	5.72		# of strides	11.26	11.00	0.26
wind	0.6 m/s	velocity	7.95	10.06	9.47	8.74	8.98		8.88	9.09	

Philipp, Andrea (GER) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.24	11.26	16.57	22.26	22.26	6 / =3			
reaction time	0.136	interval		5.02	5.31	5.69		# of strides	11.26	11.00	0.26
wind	0.6 m/s	velocity	8.01	9.96	9.42	8.79	8.98		8.88	9.09	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.37		22.26	22.26	3 / 2			
reaction time	0.135	interval				10.89		# of strides	11.37	10.89	0.48

wind	1.1 m/s	velocity		8.80		9.18	8.98	94.5	8.80	9.18

Steiner, Abby (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 18-Jul-22	time	11.34		22.26	22.26	5 / 1			
reaction time 0.143	interval			10.92		# of strides	11.34	10.92	0.42
wind 0.9 m/s	velocity	8.82		9.16	8.98	101.0	8.82	9.16	

Steiner, Abby (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 21-Jul-22	time	11.28		22.26	22.26	8 / 5			
reaction time 0.200	interval			10.98		# of strides	11.28	10.98	0.30
wind 0.6 m/s	velocity	8.87		9.11	8.98	104.0	8.87	9.11	

Ta Lou, Marie Josée (CIV) (1988)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 23-Aug-23	time	11.41		22.26	22.26	5 / 2			
reaction time 0.173	interval			10.85		# of strides	11.41	10.85	0.56
wind -0.7 m/s	velocity	8.76		9.22	8.98	95.0	8.76	9.22	

Thomas, Gabrielle (USA) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 23-Aug-23	time	11.47		22.26	22.26	8 / 1			
reaction time 0.168	interval			10.79		# of strides	11.47	10.79	0.68
wind -1.3 m/s	velocity	8.72		9.27	8.98	88.5	8.72	9.27	

Ta Lou, Marie Josée (CIV) (1988)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 24-Aug-23	time	11.31		22.26	22.26	6 / 3			
reaction time 0.157	interval			10.95		# of strides	11.31	10.95	0.36
wind -0.2 m/s	velocity	8.84		9.13	8.98	96.2	8.84	9.13	

Prandini, Jenna (USA) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)					*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date 28-Jun-24	time 6.28	11.45	16.63	22.26	22.26	7 / 2			
reaction time	interval	5.17	5.18	5.63		# of strides	11.45	10.81	0.64
wind 1.8 m/s	velocity 7.96	9.67	9.65	8.88	8.98	95.0	8.73	9.25	

Drechsler, Heike (GDR) (1964)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
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 6.23	11.33	16.63	22.27	22.27	5 / 2			
reaction time 0.147	interval	5.10	5.30	5.64		# of strides	11.33	10.94	0.39
wind 1.8 m/s	velocity 8.03	9.80	9.43	8.87	8.98		8.83	9.14	

Davis-Thompson, Pauline (BAH) (196

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2000 Olympic Games (Sydney, AUS)					*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date 28-Sep-00	time	11.3		22.3	22.27	3 / ~~2~~ 1			
reaction time 0.185	interval			11.0	PB	# of strides	11.30	11.00	0.30
wind 0.7 m/s	velocity	8.85		9.09	8.98		8.85	9.09	

Asher-Smith, Dina (GBR) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)					*Omega Timing (2022) - diamond league race analysis*				
date 09-Jun-22	time 6.15	11.21	16.50	22.27	22.27	5 / 3			
reaction time 0.156	interval	5.06	5.29	5.77		# of strides	11.21	11.06	0.15
wind 1.3 m/s	velocity 8.13	9.88	9.45	8.67	8.98	95.2	8.92	9.04	

Masilingi, Beatrice (NAM) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 18-Jul-22	time	11.47		22.27	22.27	6 / 1			
reaction time 0.150	interval			10.80		# of strides	11.47	10.80	0.67
wind -0.2 m/s	velocity	8.72		9.26	8.98	91.0	8.72	9.26	

Clark, Tamara (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 18-Jul-22	time	11.30		22.27	22.27	3 / 1			
reaction time 0.154	interval			10.97		# of strides	11.30	10.97	0.33

wind	0.4 m/s	velocity		8.85		9.12	8.98	99.0	8.85	9.12	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.31	11.34	16.57	22.27	22.27	2 / 2			
reaction time	0.135	interval		5.03	5.23	5.70		# of strides	11.34	10.93	0.41
wind	0.4 m/s	velocity	7.92	9.94	9.56	8.77	8.98		8.82	9.15	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.36	11.38	16.58	22.27	22.27	3 / 4			
reaction time	0.220	interval		5.02	5.20	5.69		# of strides	11.38	10.89	0.49
wind	1.1 m/s	velocity	7.86	9.96	9.62	8.79	8.98	92.7	8.79	9.18	

Privalova, Irina (URS) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 IAAF World Championships (Tokyo, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	30-Aug-91	time		11.25		22.28	22.28	7 / 4			
reaction time		interval				11.03		# of strides	11.25	11.03	0.22
wind	-2.4 m/s	velocity		8.89		9.07	8.98	91.5	8.89	9.07	

Ferguson, Debbie (BAH) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.14	11.17	16.49	22.28	22.28	4 / 5			
reaction time	0.168	interval		5.03	5.32	5.79		# of strides	11.17	11.11	0.06
wind	0.6 m/s	velocity	8.14	9.94	9.40	8.64	8.98		8.95	9.00	

Jayasinghe, Susanthika (SRI) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Sep-00	time		11.2		22.3	22.28	6 / ~~3~~ 2			
reaction time	0.207	interval				11.1	NR	# of strides	11.20	11.10	0.10
wind	0.7 m/s	velocity		8.93		9.01	8.98		8.93	9.01	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.34	11.43	16.62	22.28	22.28	6 / 1			
reaction time		interval		5.09	5.19	5.66		# of strides	11.43	10.85	0.58
wind	-1.2 m/s	velocity	7.89	9.82	9.63	8.83	8.98	92.2	8.75	9.22	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.5		22.3	22.28	/ 3			
reaction time		interval				10.80	PB	# of strides	11.50	10.80	0.70
wind	1.0 m/s	velocity		8.70		9.26	8.98		8.70	9.26	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.22		22.28	22.28	6 / 2			
reaction time	0.126	interval				11.06		# of strides	11.22	11.06	0.16
wind	-0.1 m/s	velocity		8.91		9.04	8.98	95.0	8.91	9.04	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.17	11.17	16.49	22.28	22.28	8 / 2			
reaction time	0.145	interval		5.00	5.32	5.79		# of strides	11.17	11.11	0.06
wind	0.5 m/s	velocity	8.10	10.00	9.40	8.64	8.98	95.0	8.95	9.00	

Knoll, Silke (GER) (1967)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 (Ingolstadt, GER)								*Graubner (2008) - http://www.fgs.uni-halle.de*			
date	19-Jul-92	time		11.51		22.29	22.29	/ 1			
reaction time		interval				10.78	PB	# of strides	11.51	10.78	0.73
wind	0.7 m/s	velocity		8.69		9.28	8.97		8.69	9.28	

Guidry-White, Carlette (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.35	16.49	22.29	22.29	5 / 1			
reaction time		interval			5.14	5.80	PB	# of strides	11.35	10.94	0.41

wind	-0.5 m/s	velocity		8.81	9.73	8.62	8.97		8.81	9.14	

Campbell-Brown, Veronica (JAM) (19	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 20-Aug-09	time	6.25	11.23	16.52	22.29	22.29	5 / 2			
reaction time 0.180	interval		4.98	5.29	5.77		# of strides	11.23	11.06	0.17
wind 0.5 m/s	velocity	8.00	10.04	9.45	8.67	8.97		8.90	9.04	

Strachan, Anthonique (BAH) (1993)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 25-Aug-23	time		11.44		22.29	22.29	3 / 6			
reaction time 0.171	interval				10.85		# of strides	11.44	10.85	0.59
wind 0.1 m/s	velocity		8.74		9.22	8.97	88.0	8.74	9.22	

Steiner, Abby (USA) (1999)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 27-Jun-24	time	6.24	11.46	16.68	22.29	22.29	8 / 2			
reaction time	interval		5.22	5.22	5.61		# of strides	11.46	10.83	0.63
wind 0.5 m/s	velocity	8.01	9.58	9.58	8.91	8.97	102.0	8.73	9.23	

Brown, Brittany (USA) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 27-Jun-24	time	6.04	11.13	16.31	22.29	22.29	5 / 1			
reaction time	interval		5.09	5.18	5.98		# of strides	11.13	11.16	-0.03
wind 0.2 m/s	velocity	8.28	9.82	9.65	8.36	8.97	93.2	8.98	8.96	

Guidry, Carlette (USA) (1968)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)					*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date 06-Aug-92	time		11.4		22.3	22.30	7 / 5			
reaction time	interval				10.90		# of strides	11.40	10.90	0.50
wind -0.6 m/s	velocity		8.77		9.17	8.97	91.0	8.77	9.17	

Ferguson, Debbie (BAH) (1976)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)					*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date 25-Aug-04	time		11.3		22.3	22.30	8 / 3			
reaction time	interval				11.0		# of strides	11.30	11.00	0.30
wind 0.8 m/s	velocity		8.85		9.09	8.97		8.85	9.09	

Lee, Muna (USA) (1981)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 20-Aug-09	time	6.26	11.23	16.53	22.30	22.30	4 / 1			
reaction time 0.158	interval		4.97	5.30	5.77		# of strides	11.23	11.07	0.16
wind 0.5 m/s	velocity	7.99	10.06	9.43	8.67	8.97		8.90	9.03	

Stevens, Deajah (USA) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 USATF National Championships (Sacramento, CA)						*Track Newsletter (2017) - USATF championships women*			
date 25-Jun-17	time		11.5		22.3	22.30	/ 1			
reaction time	interval				10.80		# of strides	11.50	10.80	0.70
wind -2.5 m/s	velocity		8.70		9.26	8.97		8.70	9.26	

Stevens, Deajah (USA) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)						*Hymans (2020) - history of the US olympic trials - track and field*			
date 10-Jul-16	time		11.4		22.3	22.30	4 / 2			
reaction time 0.185	interval				10.90		# of strides	11.40	10.90	0.50
wind -0.6 m/s	velocity		8.77		9.17	8.97	100.0	8.77	9.17	

Ofili, Favour (NGR) (2002)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 19-Jul-22	time		11.45		22.30	22.30	4 / 3			
reaction time 0.161	interval				10.85		# of strides	11.45	10.85	0.60
wind -0.1 m/s	velocity		8.73		9.22	8.97	93.0	8.73	9.22	

Davis, Tamari (USA) (2003)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)						*Omega Timing (2023) - diamond league race analysis*			
date 28-May-23	time	6.13	11.22	16.48	22.30	22.30	5 / 3			
reaction time 0.123	interval		5.09	5.26	5.82	**PB**	# of strides	11.22	11.08	0.14

wind	0.8 m/s	velocity	8.16	9.82	9.51	8.59	8.97	91.5	8.91	9.03	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.52		22.30	22.30	7 / 3			
reaction time	0.159	interval				10.78		# of strides	11.52	10.78	0.74
wind	-0.2 m/s	velocity		8.68		9.28	8.97	86.7	8.68	9.28	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.30	11.30	16.56	22.30	22.30	8 / 3			
reaction time	0.170	interval		5.00	5.26	5.74		# of strides	11.30	11.00	0.30
wind	0.0 m/s	velocity	7.94	10.00	9.51	8.71	8.97	100.7	8.85	9.09	

Paulino, Marileidy (DOM) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.47	11.59	16.75	22.30	22.30	6 / 1			
reaction time	0.220	interval		5.12	5.16	5.55	**NR**	# of strides	11.59	10.71	0.88
wind	1.0 m/s	velocity	7.73	9.77	9.69	9.01	8.97	85.7	8.63	9.34	

Young-Stone, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.39	16.68	22.31	22.31	3 / 1			
reaction time		interval			5.29	5.63	**PB**	# of strides	11.39	10.92	0.47
wind	0.5 m/s	velocity		8.78	9.45	8.88	8.96		8.78	9.16	

Smith, Rachelle (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.5		22.3	22.31	4 / 2			
reaction time	0.161	interval				10.80		# of strides	11.50	10.80	0.70
wind	0.2 m/s	velocity		8.70		9.26	8.96	95.2	8.70	9.26	

Arron, Christine (FRA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.3		22.3	22.31	5 / 3			
reaction time	0.184	interval				11.00		# of strides	11.30	11.00	0.30
wind	0.2 m/s	velocity		8.85		9.09	8.96	90.5	8.85	9.09	

Smith, Rachelle (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	25-Jun-06	time	6.34	11.44	16.73	22.31	22.31	3 / 1			
reaction time		interval		5.10	5.29	5.58		# of strides	11.44	10.87	0.57
wind	0.3 m/s	velocity	7.89	9.80	9.45	8.96	8.96		8.74	9.20	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Butler (2019) - IAAF world championships - Doha 2019: statistics handbook*			
date	28-Aug-15	time		11.2		22.3	22.31	8 / 6			
reaction time	0.150	interval				11.10		# of strides	11.20	11.10	0.10
wind	0.2 m/s	velocity		8.93		9.01	8.96	90.2	8.93	9.01	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)								*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*			
date	17-Aug-16	time		11.3		22.31	22.31	2 / 5			
reaction time	0.135	interval				11.01		# of strides	11.30	11.01	0.29
wind	-0.1 m/s	velocity		8.85		9.08	8.96	97.0	8.85	9.08	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.50		22.31	22.31	9 / 1			
reaction time	0.169	interval				10.81		# of strides	11.50	10.81	0.69
wind	-0.4 m/s	velocity		8.70		9.25	8.96	87.0	8.70	9.25	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.62		22.31	22.31	4 / 1			
reaction time	0.174	interval				10.69		# of strides	11.62	10.69	0.93

wind	-0.4 m/s	velocity		8.61		9.35	8.96	96.7	8.61	9.35	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.31	11.37	16.65	22.31	22.31	5 / 2			
reaction time	0.160	interval		5.06	5.28	5.66		# of strides	11.37	10.94	0.43
wind	0.2 m/s	velocity	7.92	9.88	9.47	8.83	8.96	88.0	8.80	9.14	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.11	11.09	16.43	22.31	22.31	7 / 2			
reaction time	0.158	interval		4.98	5.34	5.88		# of strides	11.09	11.22	-0.13
wind	0.2 m/s	velocity	8.18	10.04	9.36	8.50	8.96	96.0	9.02	8.91	

Cazier, Marie-Christine (FRA) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Aug-86	time		11.36		22.32	22.32	3 / 2			
reaction time	0.196	interval				10.96	**PB**	# of strides	11.36	10.96	0.40
wind	-0.8 m/s	velocity		8.80		9.12	8.96		8.80	9.12	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)								*Veney - 200m women from PJ*			
date	19-Aug-93	time	6.30	11.36	16.66	22.32	22.32	2 / 5			
reaction time	0.216	interval		5.06	5.30	5.66		# of strides	11.36	10.96	0.40
wind	0.0 m/s	velocity	7.94	9.88	9.43	8.83	8.96	94.0	8.80	9.12	

Pintusevich, Zhanna (UKR) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.00	11.04	16.36	22.20	22.32	5 / 1			
reaction time	0.124	interval		5.04	5.32	5.84		# of strides	11.04	11.16	-0.12
wind	-0.7 m/s	velocity	8.33	9.92	9.40	8.56	8.96	97.5	9.06	8.96	

Ahoure, Murielle (CIV) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.3		22.3	22.32	6 / 2			
reaction time	0.180	interval				11.00		# of strides	11.30	11.00	0.30
wind	-0.3 m/s	velocity		8.85		9.09	8.96	99.2	8.85	9.09	

Okagbare, Blessing (NGR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.3		22.3	22.32	5 / 3			
reaction time	0.154	interval				11.00		# of strides	11.30	11.00	0.30
wind	-0.3 m/s	velocity		8.85		9.09	8.96	90.5	8.85	9.09	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	21-Jul-22	time		11.33		22.32	22.32	5 / 6			
reaction time	0.197	interval				10.99		# of strides	11.33	10.99	0.34
wind	0.6 m/s	velocity		8.83		9.10	8.96	101.0	8.83	9.10	

Azarashvili, Maya (URS) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.30	11.37	16.65	22.33	22.33	6 / 4			
reaction time	0.168	interval		5.07	5.28	5.68		# of strides	11.37	10.96	0.41
wind	1.7 m/s	velocity	7.94	9.86	9.47	8.80	8.96	101.0	8.80	9.12	

Azarashvili, Maya (URS) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)								*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	6.34	11.41	16.68	22.33	22.33	2 / 7			
reaction time	0.170	interval		5.07	5.27	5.65		# of strides	11.41	10.92	0.49
wind	1.3 m/s	velocity	7.89	9.86	9.49	8.85	8.96	101.0	8.76	9.16	

Feagin, Zundra (USA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time		11.33	16.57	22.33	22.33	6 / 5			
reaction time		interval			5.24	5.76		# of strides	11.33	11.00	0.33

wind	-0.6 m/s	velocity		8.83	9.54	8.68	8.96		8.83	9.09	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.34	11.40	16.60	22.33	22.33	8 / 2			
reaction time		interval		5.06	5.20	5.73		# of strides	11.40	10.93	0.47
wind	0.0 m/s	velocity	7.89	9.88	9.62	8.73	8.96		8.77	9.15	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.31		22.33	22.33	5 / 1			
reaction time	0.164	interval				11.02		# of strides	11.31	11.02	0.29
wind	2.5 m/s	velocity		8.84		9.07	8.96	93.7	8.84	9.07	

Mays, Jadyn (USA) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.30	11.54	16.72	22.33	22.33	8 / 3			
reaction time		interval		5.24	5.18	5.61		# of strides	11.54	10.79	0.75
wind	1.8 m/s	velocity	7.94	9.54	9.65	8.91	8.96	99.2	8.67	9.27	

Colander, LaTasha (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.41	11.41	16.58	22.34	22.34	4 / 3			
reaction time		interval		5.00	5.17	5.76	PB	# of strides	11.41	10.93	0.48
wind	0.3 m/s	velocity	7.80	10.00	9.67	8.68	8.95	100.2	8.76	9.15	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.5		22.3	22.34	4 / 1			
reaction time		interval				10.80		# of strides	11.50	10.80	0.70
wind	0.4 m/s	velocity		8.70		9.26	8.95		8.70	9.26	

Campbell, Veronica (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)								*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*			
date	31-Aug-07	time	6.19	11.10	16.43	22.34	22.34	6 / 2			
reaction time	0.161	interval		4.91	5.33	5.91		# of strides	11.10	11.24	-0.14
wind	1.7 m/s	velocity	8.08	10.18	9.38	8.46	8.95	97.2	9.01	8.90	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.21		22.34	22.34	7 / 5			
reaction time	0.200	interval				11.13	PB	# of strides	11.21	11.13	0.08
wind	0.6 m/s	velocity		8.92		8.98	8.95	92.5	8.92	8.98	

Duncan, Kimberlyn (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.5		22.34	22.34	3 / 4			
reaction time	0.190	interval				10.84		# of strides	11.50	10.84	0.66
wind	1.0 m/s	velocity		8.70		9.23	8.95		8.70	9.23	

Ahye, Michelle-Lee (TTO) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)								*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*			
date	17-Aug-16	time		11.2		22.34	22.34	7 / 6			
reaction time	0.158	interval				11.14		# of strides	11.20	11.14	0.06
wind	-0.1 m/s	velocity		8.93		8.98	8.95	97.5	8.93	8.98	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.39		22.34	22.34	6 / 2			
reaction time	0.119	interval				10.95		# of strides	11.39	10.95	0.44
wind	0.9 m/s	velocity		8.78		9.13	8.95	98.0	8.78	9.13	

Steiner, Abby (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.25	11.30	16.57	22.34	22.34	4 / 2			
reaction time	0.176	interval		5.05	5.27	5.77		# of strides	11.30	11.04	0.26

wind	-0.4 m/s	velocity	8.00	9.90	9.49	8.67	8.95	102.0	8.85	9.06	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.11	11.18	16.49	22.34	22.34	7 / 3			
reaction time	0.168	interval		5.07	5.31	5.85		# of strides	11.18	11.16	0.02
wind	-0.4 m/s	velocity	8.18	9.86	9.42	8.55	8.95	98.5	8.94	8.96	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.38		22.34	22.34	9 / 4			
reaction time	0.145	interval				10.96		# of strides	11.38	10.96	0.42
wind	-0.2 m/s	velocity		8.79		9.12	8.95	92.0	8.79	9.12	

Davis, Kevona (JAM) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.38		22.34	22.34	4 / 5			
reaction time	0.153	interval				10.96		# of strides	11.38	10.96	0.42
wind	-0.2 m/s	velocity		8.79		9.12	8.95	92.0	8.79	9.12	

Feagin, Zundra (USA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.55	16.64	22.35	22.35	3 / 2			
reaction time		interval			5.09	5.71		# of strides	11.55	10.80	0.75
wind	-0.5 m/s	velocity		8.66	9.82	8.76	8.95		8.66	9.26	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.49	16.75	22.35	22.35	6 / 2			
reaction time		interval			5.26	5.60		# of strides	11.49	10.86	0.63
wind	0.5 m/s	velocity		8.70	9.51	8.93	8.95		8.70	9.21	

McDonald, Beverly (JAM) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Sep-00	time		11.4		22.4	22.35	1 / ~~4~~ 3			
reaction time	0.151	interval				11.0		# of strides	11.40	11.00	0.40
wind	0.7 m/s	velocity		8.77		9.09	8.95		8.77	9.09	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.38	11.51	16.71	22.35	22.35	2 / 6			
reaction time		interval		5.13	5.20	5.64		# of strides	11.51	10.84	0.67
wind	5.6 m/s	velocity	7.84	9.75	9.62	8.87	8.95		8.69	9.23	

Campbell-Brown, Veronica (JAM) (19			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.19	11.14	16.49	22.35	22.35	5 / 2			
reaction time	0.184	interval		4.95	5.35	5.86		# of strides	11.14	11.21	-0.07
wind	-0.1 m/s	velocity	8.08	10.10	9.35	8.53	8.95		8.98	8.92	

Knight, Bianca (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.5		22.4	22.35	/ 4			
reaction time		interval				10.90	**PB**	# of strides	11.50	10.90	0.60
wind	1.0 m/s	velocity		8.70		9.17	8.95		8.70	9.17	

Duncan, Kimberlyn (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.7		22.4	22.35	/ 5			
reaction time		interval				10.70		# of strides	11.70	10.70	1.00
wind	1.0 m/s	velocity		8.55		9.35	8.95		8.55	9.35	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.3		22.35	22.35	7 / 5			
reaction time	0.213	interval				11.05		# of strides	11.30	11.05	0.25

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

wind	1.0 m/s	velocity		8.85		9.05	8.95			8.85	9.05

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.34	11.43	16.69	22.35	22.35	9 / 2			
reaction time	0.156	interval		5.09	5.26	5.66		# of strides	11.43	10.92	0.51
wind	0.2 m/s	velocity	7.89	9.82	9.51	8.83	8.95	89.0	8.75	9.16	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)								*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	6.29	11.32	16.59	22.35	22.35	4 / 5			
reaction time	0.148	interval		5.03	5.27	5.76		# of strides	11.32	11.03	0.29
wind	0.3 m/s	velocity	7.95	9.94	9.49	8.68	8.95	92.0	8.83	9.07	

Adeleke, Rhasidat (IRL) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.37	11.43	16.69	22.35	22.35	8 / 5			
reaction time	0.132	interval		5.06	5.26	5.66		# of strides	11.43	10.92	0.51
wind	-0.9 m/s	velocity	7.85	9.88	9.51	8.83	8.95		8.75	9.16	

Givens, Randy (USA) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)								*Vogel (1984) - olympische spiele in los angeles*			
date	09-Aug-84	time		11.51		22.36	22.36	5 / 6			
reaction time	0.184	interval				10.85		# of strides	11.51	10.85	0.66
wind	0.1 m/s	velocity		8.69		9.22	8.94	98.0	8.69	9.22	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.36	11.50	16.75	22.36	22.36	1 / 2			
reaction time		interval		5.14	5.25	5.61	**PB**	# of strides	11.50	10.86	0.64
wind	-1.2 m/s	velocity	7.86	9.73	9.52	8.91	8.94	93.0	8.70	9.21	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	06-Jul-08	time	6.31	11.46	16.69	22.36	22.36	8 / 7			
reaction time		interval		5.15	5.23	5.67		# of strides	11.46	10.90	0.56
wind	5.6 m/s	velocity	7.92	9.71	9.56	8.82	8.94		8.73	9.17	

Simpson, Sherone (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.32		22.36	22.36	8 / 6			
reaction time	0.167	interval				11.04		# of strides	11.32	11.04	0.28
wind	0.6 m/s	velocity		8.83		9.06	8.94	98.2	8.83	9.06	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.3	11.4	16.8	22.36	22.36	5 / 2			
reaction time	0.147	interval		5.1	5.4	5.56		# of strides	11.40	10.96	0.44
wind	0.4 m/s	velocity	7.94	9.80	9.26	8.99	8.94	96.2	8.77	9.12	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time	6.2	11.3	16.6	22.36	22.36	6 / 2			
reaction time	0.156	interval		5.10	5.30	5.76		# of strides	11.30	11.06	0.24
wind	-0.4 m/s	velocity	8.06	9.80	9.43	8.68	8.94	98.2	8.85	9.04	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.35	11.42	16.71	22.36	22.36	8 / 3			
reaction time	0.170	interval		5.07	5.29	5.65	**PB**	# of strides	11.42	10.94	0.48
wind	0.1 m/s	velocity	7.87	9.86	9.45	8.85	8.94	95.0	8.76	9.14	

Eckert-Wöckel. Bärbel (GDR) (1955)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Breizer (1984) - sprint competition analysis*			
date	28-Jul-76	time		11.32	16.82	22.37	22.37	2 / 1			
reaction time		interval			5.50	5.55	**OR**	# of strides	11.32	11.05	0.27

wind	0.0 m/s	velocity	8.83	9.09	9.01	8.94		8.83	9.05	

Smallwood-Cook, Kathy (GBR) (1960	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)						*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 14-Aug-83	time	11.55	16.78	22.37	22.37	3 / 3			
reaction time 0.213	interval		5.23	5.59		# of strides	11.55	10.82	0.73
wind 1.5 m/s	velocity	8.66	9.56	8.94	8.94	91.0	8.66	9.24	

Malchugina, Galina (RUS) (1962)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)							*Veney - 200m women from PJ*		
date 10-Aug-95	time	11.35	16.57	22.37	22.37	3 / ~~4~~ 3			
reaction time	interval		5.22	5.80		# of strides	11.35	11.02	0.33
wind -2.2 m/s	velocity	8.81	9.58	8.62	8.94	97.7	8.81	9.07	

Ferguson, Debbie (BAH) (1976)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)						*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 28-Sep-00	time	11.3		22.4	22.37	5 / ~~5~~ 4			
reaction time 0.196	interval			11.1		# of strides	11.30	11.10	0.20
wind 0.7 m/s	velocity	8.85		9.01	8.94		8.85	9.01	

Barber, Me'Lisa (USA) (1980)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)						*USATF Women's Sprint Development (2005)*			
date 26-Jun-05	time 6.36	11.29	16.63	22.37	22.37	5 / 4			
reaction time	interval	4.93	5.34	5.74	**PB**	# of strides	11.29	11.08	0.21
wind 0.3 m/s	velocity 7.86	10.14	9.36	8.71	8.94	99.2	8.86	9.03	

Jeter, Carmelita (USA) (1979)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)						*KSSB (2011) - biomechanical analyis of men's 200m (final)*			
date 02-Sep-11	time 6.08	11.15	16.44	22.37	22.37	4 / 2			
reaction time 0.178	interval	5.07	5.29	5.93		# of strides	11.15	11.22	-0.07
wind -1.0 m/s	velocity 8.22	9.86	9.45	8.43	8.94	98.2	8.97	8.91	

Asher-Smith, Dina (GBR) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)						*Omega Timing (2022) - diamond league race analysis*			
date 13-May-22	time 6.2	11.3	16.7	22.37	22.37	4 / 3			
reaction time 0.160	interval	5.10	5.40	5.67		# of strides	11.30	11.07	0.23
wind 1.3 m/s	velocity 8.06	9.80	9.26	8.82	8.94	93.5	8.85	9.03	

Asher-Smith, Dina (GBR) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22	time 6.10	11.15	16.47	22.37	22.37	5 / 1			
reaction time 0.158	interval	5.05	5.32	5.90		# of strides	11.15	11.22	-0.07
wind 0.1 m/s	velocity 8.20	9.90	9.40	8.47	8.94	95.0	8.97	8.91	

Kambundji, Mujinga (SUI) (1992)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22	time 6.17	11.23	16.54	22.37	22.37	6 / 2			
reaction time 0.129	interval	5.06	5.31	5.83		# of strides	11.23	11.14	0.09
wind 0.1 m/s	velocity 8.10	9.88	9.42	8.58	8.94	100.0	8.90	8.98	

Stecher, Renate (GDR) (1950)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1973 (Dresden, GDR)						*Breizer (1984) - sprint competition analysis*			
date 21-Jul-73	time	11.32	16.86	22.38	22.38				
reaction time	interval		5.54	5.52	**WR**	# of strides	11.32	11.06	0.26
wind 1.6 m/s	velocity	8.83	9.03	9.06	8.94		8.83	9.04	

Griffith-Joyner, Florence (USA) (1959	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)						*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date 03-Sep-87	time 6.39	11.42	16.77	22.38	22.38	5 / 1			
reaction time 0.208	interval	5.03	5.35	5.61		# of strides	11.42	10.96	0.46
wind -1.9 m/s	velocity 7.82	9.94	9.35	8.91	8.94	95.5	8.76	9.12	

Onyali, Mary (NGR) (1968)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)							*Veney - 200m women from PJ*		
date 01-Aug-96	time	11.37	16.63	22.38	22.38	4 / 3			
reaction time 0.231	interval		5.26	5.75		# of strides	11.37	11.01	0.36

wind	0.3 m/s	velocity	8.80	9.51	8.70	8.94		8.80	9.08	

Perry, Nanceen (USA) (1977)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2000 USA Olympic Trials (Sacramento, CA)							*Track Newsletter (2000) - US olympic trials*		
date 23-Jul-00	time	11.3		22.4	22.38	6 / 3			
reaction time	interval			11.10	PB	# of strides	11.30	11.10	0.20
wind 0.5 m/s	velocity	8.85		9.01	8.94		8.85	9.01	

Edwards, Torri (USA) (1977)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)							*USATF Women's Sprint Development (2004)*		
date 17-Jul-04	time	6.26	11.45	16.65	22.38	22.38	5 / ~~1~~		
reaction time	interval		5.19	5.20	5.73	DV	# of strides	11.45	10.93	0.52
wind 0.5 m/s	velocity	7.99	9.63	9.62	8.73	8.94		8.73	9.15	

Campbell, Veronica (JAM) (1982)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 IAAF World Championships (Helsinki, FIN)							*Track Newsletter (2005) - World championships- women*		
date 12-Aug-05	time	11.2		22.4	22.38	7 / 4			
reaction time 0.158	interval			11.20		# of strides	11.20	11.20	0.00
wind 0.2 m/s	velocity	8.93		8.93	8.94	98.7	8.93	8.93	

Campbell-Brown, Veronica (JAM) (19

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Olympic Games (London, GBR)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*		
date 08-Aug-12	time	11.10		22.38	22.38	5 / 4			
reaction time 0.176	interval			11.28		# of strides	11.10	11.28	-0.18
wind -0.2 m/s	velocity	9.01		8.87	8.94	97.2	9.01	8.87	

McGrone, Candyce (USA) (1989)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 USATF National Championships (Eugene, OR)							*Track Newsletter (2015) - USATF women's championships*		
date 28-Jun-14	time	11.5		22.4	22.38	/ 2			
reaction time	interval			10.90	PB	# of strides	11.50	10.90	0.60
wind 0.4 m/s	velocity	8.70		9.17	8.94		8.70	9.17	

Prandini, Jenna (USA) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*		
date 18-Jul-22	time	11.29		23.38	22.38	4 / 2			
reaction time 0.145	interval			12.09		# of strides	11.29	12.09	-0.80
wind 1.9 m/s	velocity	8.86		8.27	8.94	96.2	8.86	8.27	

Thomas, Gabrielle (USA) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Weltklasse (Zürich, SUI)							*Omega Timing (2022) - diamond league race analysis*		
date 08-Sep-22	time	6.24	11.29	16.65	22.38	22.38	7 / 2		
reaction time 0.145	interval		5.05	5.36	5.73		# of strides	11.29	11.09	0.20
wind -0.9 m/s	velocity	8.01	9.90	9.33	8.73	8.94	90.0	8.86	9.02	

Brown, Brittany (USA) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*		
date 04-Aug-24	time	6.34	11.39	16.67	22.38	22.38	7 / 1		
reaction time 0.205	interval		5.05	5.28	5.71		# of strides	11.39	10.99	0.40
wind 0.2 m/s	velocity	7.89	9.90	9.47	8.76	8.94	92.0	8.78	9.10	

Battle, Anavia (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)							*Omega Timing (2025) - diamond league race analysis*		
date 03-May-25	time	6.28	11.36	16.65	22.38	22.38	7 / 1		
reaction time 0.146	interval		5.08	5.29	5.73		# of strides	11.36	11.02	0.34
wind 0.5 m/s	velocity	7.96	9.84	9.45	8.73	8.94	94.2	8.80	9.07	

Richter, Annegret (FRG) (1956)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1976 Olympic Games (Montreal, CAN)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*		
date 28-Jul-76	time	11.2		22.4	22.39	5 / 2			
reaction time	interval			11.20		# of strides	11.20	11.20	0.00
wind 0.0 m/s	velocity	8.93		8.93	8.93		8.93	8.93	

Brown, Alice (USA) (1960)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1988 USA Olympic Trials (Seoul, KOR)								*Veney - 200m women from PJ*	
date 23-Jul-88	time	11.39	16.68	22.39	22.39	/ 5			
reaction time	interval		5.29	5.71	PB	# of strides	11.39	11.00	0.39

wind	1.3 m/s	velocity	8.78	9.45	8.76	8.93		8.78	9.09	

Finn, Michelle (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1992 Olympic Games (Barcelona, ESP)								*Veney - 200m women from PJ*			
date	05-Aug-92	time		11.24	16.59	22.39	22.39	4 / 4			
reaction time		interval			5.35	5.80	PB	# of strides	11.24	11.15	0.09
wind	-0.1 m/s	velocity	8.90	9.35	8.62	8.93		95.0	8.90	8.97	

Jayasinghe, Susanthika (SRI) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.05	11.07	16.39	22.21	22.39	4 / 2			
reaction time	0.181	interval		5.02	5.32	5.82		# of strides	11.07	11.14	-0.07
wind	-0.7 m/s	velocity	8.26	9.96	9.40	8.59	8.93	95.0	9.03	8.98	

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		10.9		22.39	22.39	5 / ~~1~~			
reaction time	0.186	interval				11.5	DV	# of strides	10.90	11.49	-0.59
wind	-0.8 m/s	velocity		9.17		8.70	8.93	94.5	9.17	8.70	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.24	11.40	16.60	22.39	22.39	4 / ~~3~~			
reaction time		interval		5.16	5.20	5.79	DV	# of strides	11.40	10.99	0.41
wind	-1.2 m/s	velocity	8.01	9.69	9.62	8.64	8.93	97.2	8.77	9.10	

Richards-Ross, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	08-Aug-12	time		11.35		22.39	22.39	6 / 5			
reaction time	0.171	interval				11.04		# of strides	11.35	11.04	0.31
wind	-0.2 m/s	velocity		8.81		9.06	8.93	96.7	8.81	9.06	

Washington, Ariana (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)								*Track Newsletter (2017) - NCAA women's championships*			
date	10-Jun-17	time		11.6		22.4	22.39	8 / 2			
reaction time		interval				10.80		# of strides	11.60	10.80	0.80
wind	1.1 m/s	velocity		8.62		9.26	8.93	80.2	8.62	9.26	

Mitchell, A'Keyla (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.41	11.50	16.76	22.39	22.39	/ 6			
reaction time		interval		5.09	5.26	5.63	PB	# of strides	11.50	10.89	0.61
wind	-0.3 m/s	velocity	7.80	9.82	9.51	8.88	8.93		8.70	9.18	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.34	11.49	16.74	22.39	22.39	/ 7			
reaction time		interval		5.15	5.25	5.65		# of strides	11.49	10.90	0.59
wind	-0.3 m/s	velocity	7.89	9.71	9.52	8.85	8.93		8.70	9.17	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	21-Jul-22	time		11.36		22.39	22.39	2 / 7			
reaction time	0.139	interval				11.03		# of strides	11.36	11.03	0.33
wind	0.6 m/s	velocity		8.80		9.07	8.93	97.0	8.80	9.07	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.25	11.24	16.52	22.39	22.39	5 / 3			
reaction time	0.168	interval		4.99	5.28	5.87		# of strides	11.24	11.15	0.09
wind	0.2 m/s	velocity	8.00	10.02	9.47	8.52	8.93	95.7	8.90	8.97	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.41		22.39	22.39	7 / 2			
reaction time	0.161	interval				10.98		# of strides	11.41	10.98	0.43

wind	-0.4 m/s	velocity		8.76		9.11	8.93	91.0	8.76	9.11	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.40	11.43	16.66	22.39	22.39	5 / 1			
reaction time	0.149	interval		5.03	5.23	5.73		# of strides	11.43	10.96	0.47
wind	0.0 m/s	velocity	7.81	9.94	9.56	8.73	8.93	90.0	8.75	9.12	

Stecher, Renate (GDR) (1950)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.28	16.54	22.40	22.40	6 / 1			
reaction time		interval			5.26	5.86	=WR	# of strides	11.28	11.12	0.16
wind	1.1 m/s	velocity		8.87	9.51	8.53	8.93	105.0	8.87	8.99	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Veney - 200m women from PJ*			
date	03-Sep-87	time		11.69	16.92	22.40	22.40	8 / 5			
reaction time		interval			5.23	5.48	PB	# of strides	11.69	10.71	0.98
wind	1.2 m/s	velocity		8.55	9.56	9.12	8.93		8.55	9.34	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	5.99	10.99	16.23	22.25	22.40	3 / 3			
reaction time	0.146	interval		5.00	5.24	6.02		# of strides	10.99	11.26	-0.27
wind	-0.7 m/s	velocity	8.35	10.00	9.54	8.31	8.93	95.0	9.10	8.88	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.33	11.43	16.75	22.40	22.40	2 / 4			
reaction time	0.158	interval		5.10	5.32	5.65		# of strides	11.43	10.97	0.46
wind	0.2 m/s	velocity	7.90	9.80	9.40	8.85	8.93		8.75	9.12	

McLaughlin-Levrone, Sydney (USA) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.41	11.52	16.80	22.40	22.40	6 / 1			
reaction time	0.157	interval		5.11	5.28	5.60		# of strides	11.52	10.88	0.64
wind	0.1 m/s	velocity	7.80	9.78	9.47	8.93	8.93	90.5	8.68	9.19	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)								*Veney - 200m women from PJ*			
date	01-Aug-96	time		11.36	16.63	22.41	22.41	7 / 4			
reaction time	0.172	interval			5.27	5.78		# of strides	11.36	11.05	0.31
wind	0.3 m/s	velocity		8.80	9.49	8.65	8.92		8.80	9.05	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.27	11.29	16.65	22.41	22.41	4 / 3			
reaction time	0.171	interval		5.02	5.36	5.76		# of strides	11.29	11.12	0.17
wind	-0.1 m/s	velocity	7.97	9.96	9.33	8.68	8.92		8.86	8.99	

Lalova-Collio, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Butler (2019) - IAAF world championships - Doha 2019: statistics handbook*			
date	28-Aug-15	time		11.4		22.4	22.41	3 / 7			
reaction time	0.157	interval				11.00		# of strides	11.40	11.00	0.40
wind	0.2 m/s	velocity		8.77		9.09	8.92	92.2	8.77	9.09	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)								*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time	6.22	11.31	16.63	22.41	22.41	5 / 1			
reaction time	0.155	interval		5.09	5.32	5.78		# of strides	11.31	11.10	0.21
wind	1.3 m/s	velocity	8.04	9.82	9.40	8.65	8.92	98.5	8.84	9.01	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.51		22.41	22.41	8 / 5			
reaction time	0.152	interval				10.90	PB	# of strides	11.51	10.90	0.61

wind	2.0 m/s	velocity		8.69		9.17	8.92	101.5	8.69	9.17	

Hemida, Bassant (EGY) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.40	11.57	16.82	22.41	22.41	6 / 1			
reaction time	0.171	interval		5.17	5.25	5.59	**NR PB**	# of strides	11.57	10.84	0.73
wind	1.4 m/s	velocity	7.81	9.67	9.52	8.94	8.92	100.2	8.64	9.23	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.40		22.41	22.41	8 / 2			
reaction time	0.153	interval				11.01		# of strides	11.40	11.01	0.39
wind	-0.2 m/s	velocity		8.77		9.08	8.92	97.0	8.77	9.08	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.36	11.56	16.78	22.41	22.41	7 / 4			
reaction time		interval		5.20	5.22	5.63		# of strides	11.56	10.85	0.71
wind	0.6 m/s	velocity	7.86	9.62	9.58	8.88	8.92	96.0	8.65	9.22	

Alfred, Julien (LCA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.23	11.32	16.63	22.41	22.41	4 / 1			
reaction time	0.167	interval		5.09	5.31	5.78		# of strides	11.32	11.09	0.23
wind	1.4 m/s	velocity	8.03	9.82	9.42	8.65	8.92	96.0	8.83	9.02	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.37	11.39	16.63	22.41	22.41	7 / 1			
reaction time	0.145	interval		5.02	5.24	5.78		# of strides	11.39	11.02	0.37
wind	0.4 m/s	velocity	7.85	9.96	9.54	8.65	8.92	94.0	8.78	9.07	

Malchugina, Galina (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1988 Olympic Games (Seoul, KOR)								*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	29-Sep-88	time	6.41	11.54	16.77	22.42	22.42	7 / 8			
reaction time	0.208	interval		5.13	5.23	5.65	**PB**	# of strides	11.54	10.88	0.66
wind	1.3 m/s	velocity	7.80	9.75	9.56	8.85	8.92	98.0	8.67	9.19	

Yusuf, Fatima (NGR) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.30	11.37	16.68	22.42	22.42	7 / 6			
reaction time	0.147	interval		5.07	5.31	5.74		# of strides	11.37	11.05	0.32
wind	0.6 m/s	velocity	7.94	9.86	9.42	8.71	8.92		8.80	9.05	

Gainsford-Taylor, Melinda (AUS) (197			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Sep-00	time		11.4		22.4	22.42	7 / ~~6~~ 5			
reaction time	0.178	interval				11.0		# of strides	11.40	11.00	0.40
wind	0.7 m/s	velocity		8.77		9.09	8.92		8.77	9.09	

Bailey, Aleen (JAM) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	25-Aug-04	time		11.4		22.4	22.42	6 / 4			
reaction time		interval				11.0		# of strides	11.40	11.00	0.40
wind	0.8 m/s	velocity		8.77		9.09	8.92		8.77	9.09	

Stewart, Kerron (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.5		22.4	22.42	/ 1			
reaction time		interval				10.90		# of strides	11.50	10.90	0.60
wind	1.7 m/s	velocity		8.70		9.17	8.92		8.70	9.17	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*KSSB (2011) - biomechanical analyis of men's 200m (final)*			
date	02-Sep-11	time	6.18	11.31	16.62	22.42	22.42	3 / 3			
reaction time	0.187	interval		5.13	5.31	5.80		# of strides	11.31	11.11	0.20

wind	-1.0 m/s	velocity	8.09	9.75	9.42	8.62	8.92	88.2	8.84	9.00	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Weltklasse (Zürich, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time	6.21	11.26	16.63	22.42	22.42	8 / 3			
reaction time	0.138	interval		5.05	5.37	5.79		# of strides	11.26	11.16	0.10
wind	-0.9 m/s	velocity	8.05	9.90	9.31	8.64	8.92	99.0	8.88	8.96	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.32	11.38	16.71	22.42	22.42	2 / 7			
reaction time	0.164	interval		5.06	5.33	5.71		# of strides	11.38	11.04	0.34
wind	-0.6 m/s	velocity	7.91	9.88	9.38	8.76	8.92	101.7	8.79	9.06	

Ottey, Merlene (JAM) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	03-Sep-87	time	6.43	11.60	16.84	22.43	22.43	7 / 1			
reaction time	0.277	interval		5.17	5.24	5.59		# of strides	11.60	10.83	0.77
wind	-1.0 m/s	velocity	7.78	9.67	9.54	8.94	8.92	92.2	8.62	9.23	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.39	11.53	16.83	22.43	22.43	2 / 5			
reaction time	0.213	interval		5.14	5.30	5.60	**PB**	# of strides	11.53	10.90	0.63
wind	1.7 m/s	velocity	7.82	9.73	9.43	8.93	8.92	93.0	8.67	9.17	

Hurtis, Muriel (FRA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.38	11.41	16.69	22.43	22.43	4 / 1			
reaction time	0.180	interval		5.03	5.28	5.74		# of strides	11.41	11.02	0.39
wind	-0.3 m/s	velocity	7.84	9.94	9.47	8.71	8.92		8.76	9.07	

Richards, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.4		22.4	22.43	5 / 2			
reaction time		interval				11.00		# of strides	11.40	11.00	0.40
wind	0.4 m/s	velocity		8.77		9.09	8.92		8.77	9.09	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	13-Jul-21	time	6.2	11.4	16.7	22.43	22.43	5 / 1			
reaction time	0.159	interval		5.20	5.30	5.73		# of strides	11.40	11.03	0.37
wind	0.2 m/s	velocity	8.06	9.62	9.43	8.73	8.92	99.5	8.77	9.07	

Gladisch-Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	01-Sep-87	time	6.38	11.42	16.59	22.44	22.44	8 / 1			
reaction time	0.280	interval		5.04	5.17	5.85		# of strides	11.42	11.02	0.40
wind	-3.4 m/s	velocity	7.84	9.92	9.67	8.55	8.91		8.76	9.07	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.32	11.34	16.67	22.44	22.44	5 / 1			
reaction time	0.167	interval		5.02	5.33	5.77		# of strides	11.34	11.10	0.24
wind	0.3 m/s	velocity	7.91	9.96	9.38	8.67	8.91		8.82	9.01	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.3		22.4	22.44	/ 3			
reaction time		interval				11.10		# of strides	11.30	11.10	0.20
wind	0.4 m/s	velocity		8.85		9.01	8.91		8.85	9.01	

Stevens, Deajah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	11-Aug-17	time		11.19	16.47	22.26	22.44	7 / 5			
reaction time	0.178	interval			5.28	5.79		# of strides	11.19	11.07	0.12

wind	0.8 m/s	velocity		8.94	9.47	8.64	8.91	88.8	8.94	9.03	

Thompson, Elaine (JAM) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.3	11.4	16.7	22.44	22.44	5 / 2			
reaction time	0.156	interval		5.1	5.3	5.74		# of strides	11.40	11.04	0.36
wind	0.1 m/s	velocity	7.94	9.80	9.43	8.71	8.91	98.5	8.77	9.06	

Thompson, Elaine (JAM) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.3	11.3	16.6	22.44	22.44	5 / 3			
reaction time	0.152	interval		5.0	5.3	5.84		# of strides	11.30	11.14	0.16
wind	-0.4 m/s	velocity	7.94	10.00	9.43	8.56	8.91	98.0	8.85	8.98	

Whyte, Natalliah (JAM) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.59		22.44	22.44	8 / 2			
reaction time	0.148	interval				10.85		# of strides	11.59	10.85	0.74
wind	-0.4 m/s	velocity		8.63		9.22	8.91	96.0	8.63	9.22	

Boyle, Raelene (AUS) (1951)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.48	16.72	22.45	22.45	4 / 2			
reaction time		interval			5.24	5.73		# of strides	11.48	10.97	0.51
wind	1.1 m/s	velocity		8.71	9.54	8.73	8.91	105.0	8.71	9.12	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.52	16.83	22.45	22.45	5 / 3			
reaction time		interval			5.31	5.62		# of strides	11.52	10.93	0.59
wind	0.5 m/s	velocity		8.68	9.42	8.90	8.91		8.68	9.15	

Malchugina, Galina (RUS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)										*Veney - 200m women from PJ*	
date	01-Aug-96	time		11.56	16.83	22.45	22.45	6 / 5			
reaction time	0.198	interval			5.27	5.62		# of strides	11.56	10.89	0.67
wind	0.3 m/s	velocity		8.65	9.49	8.90	8.91		8.65	9.18	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.44	11.58	16.75	22.45	22.45	8 / ~~2~~ 1			
reaction time		interval		5.14	5.17	5.70		# of strides	11.58	10.87	0.71
wind	0.0 m/s	velocity	7.76	9.73	9.67	8.77	8.91		8.64	9.20	

Arron, Christine (FRA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2005 IAAF World Championshps (Helsinki, FIN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	11-Aug-05	time		11.3		22.45	22.45	6 / 1			
reaction time	0.202	interval				11.15		# of strides	11.30	11.15	0.15
wind	-2.7 m/s	velocity		8.85		8.97	8.91		8.85	8.97	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.3	11.4	16.7	22.45	22.45	7 / 3			
reaction time	0.149	interval		5.1	5.3	5.75		# of strides	11.40	11.05	0.35
wind	0.1 m/s	velocity	7.94	9.80	9.43	8.70	8.91	93.5	8.77	9.05	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.3	11.3	16.7	22.45	22.45	4 / 4			
reaction time	0.185	interval		5.00	5.40	5.75		# of strides	11.30	11.15	0.15
wind	0.4 m/s	velocity	7.94	10.00	9.26	8.70	8.91	101.0	8.85	8.97	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Weltklasse (Zürich, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time	6.31	11.30	16.62	22.45	22.45	6 / 4			
reaction time	0.155	interval		4.99	5.32	5.83		# of strides	11.30	11.15	0.15

wind	-0.9 m/s	velocity	7.92	10.02	9.40	8.58	8.91	96.0	8.85	8.97	

Williams, Bianca (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.46		22.45	22.45	5 / 4			
reaction time	0.156	interval				10.99	PB	# of strides	11.46	10.99	0.47
wind	-0.2 m/s	velocity		8.73		9.10	8.91	99.0	8.73	9.10	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.38	11.41	16.66	22.45	22.45	6 / 2			
reaction time	0.147	interval		5.03	5.25	5.79		# of strides	11.41	11.04	0.37
wind	0.2 m/s	velocity	7.84	9.94	9.52	8.64	8.91	90.0	8.76	9.06	

Griffith, Florence (USA) (1959)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)								*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	14-Aug-83	time		11.56	16.80	22.46	22.46	1 / 4			
reaction time	0.161	interval			5.24	5.66		# of strides	11.56	10.90	0.66
wind	1.5 m/s	velocity		8.65	9.54	8.83	8.90	97.5	8.65	9.17	

Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		11.28	16.70	22.46	22.46	/ 1			
reaction time	0.203	interval			5.42	5.76		# of strides	11.28	11.18	0.10
wind	0.2 m/s	velocity		8.87	9.23	8.68	8.90		8.87	8.94	

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	08-Aug-02	time	6.40	11.54	17.00	22.97	22.46	/ 1			
reaction time	0.164	interval		5.14	5.46	5.97		# of strides	11.54	11.43	0.11
wind	-0.8 m/s	velocity	7.81	9.73	9.16	8.38	8.90		8.67	8.75	

Hurtis, Muriel (FRA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.40	11.45	16.75	22.46	22.46	/ 1			
reaction time	0.155	interval		5.05	5.30	5.71		# of strides	11.45	11.01	0.44
wind	1.0 m/s	velocity	7.81	9.90	9.43	8.76	8.90		8.73	9.08	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.38	11.35	17.22	22.46	22.46	9 / 5			
reaction time		interval		4.97	5.87	5.24		# of strides	11.35	11.11	0.24
wind	0.3 m/s	velocity	7.84	10.06	8.52	9.54	8.90	92.0	8.81	9.00	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.4	11.4	16.7	22.46	22.46	3 / 4			
reaction time	0.162	interval		5.0	5.3	5.76		# of strides	11.40	11.06	0.34
wind	-0.4 m/s	velocity	7.81	10.00	9.43	8.68	8.90	93.5	8.77	9.04	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.42		22.46	22.46	8 / 1			
reaction time	0.157	interval				11.04		# of strides	11.42	11.04	0.38
wind	-0.3 m/s	velocity		8.76		9.06	8.90	95.0	8.76	9.06	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Weltklasse (Zürich, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	6.27	11.39	16.72	22.46	22.46	8 / 4			
reaction time	0.134	interval		5.12	5.33	5.74		# of strides	11.39	11.07	0.32
wind	-0.8 m/s	velocity	7.97	9.77	9.38	8.71	8.90	98.2	8.78	9.03	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.29	11.30	16.63	22.46	22.46	5 / 3			
reaction time	0.150	interval		5.01	5.33	5.83		# of strides	11.30	11.16	0.14

wind	0.4 m/s	velocity	7.95	9.98	9.38	8.58	8.90	90.7	8.85	8.96	

Stecher, Renate (GDR) (1950)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Breizer (1984) - sprint competition analysis*			
date	28-Jul-76	time		11.36		22.47	22.47	8 / 3			
reaction time		interval				11.11		# of strides	11.36	11.11	0.25
wind	0.0 m/s	velocity		8.80		9.00	8.90		8.80	9.00	

Müller, Romy (GDR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)								*Veney - 200m women from PJ*			
date	30-Jul-80	time		11.59	16.90	22.47	22.47	8 / 4			
reaction time	0.128	interval			5.31	5.57	**PB**	# of strides	11.59	10.88	0.71
wind	1.4 m/s	velocity		8.63	9.42	8.98	8.90		8.63	9.19	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	25-Jun-06	time	6.39	11.57	16.90	22.47	22.47	6 / 2			
reaction time		interval		5.18	5.33	5.57		# of strides	11.57	10.90	0.67
wind	0.3 m/s	velocity	7.82	9.65	9.38	8.98	8.90		8.64	9.17	

Whitney, Kaylin (USA) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.4		22.5	22.47	/ 4			
reaction time		interval				11.10	**WYR PB**	# of strides	11.40	11.10	0.30
wind	0.4 m/s	velocity		8.77		9.01	8.90		8.77	9.01	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 USATF National Championships (Eugene, OR)								*Track Newsletter (2022) - USATF championships women*			
date	26-Jun-22	time	6.34	11.48	16.74	22.47	22.47	/ 8			
reaction time		interval		5.14	5.26	5.73		# of strides	11.48	10.99	0.49
wind	-0.3 m/s	velocity	7.89	9.73	9.51	8.73	8.90		8.71	9.10	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.63		22.47	22.47	7 / 4			
reaction time	0.155	interval				10.84	**NR PB**	# of strides	11.63	10.84	0.79
wind	1.4 m/s	velocity		8.60		9.23	8.90	94.5	8.60	9.23	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.35	11.34	16.67	22.47	22.47	4 / 3			
reaction time	0.203	interval		4.99	5.33	5.80		# of strides	11.34	11.13	0.21
wind	0.2 m/s	velocity	7.87	10.02	9.38	8.62	8.90	96.0	8.82	8.98	

Privalova, Irina (RUS) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 European Cup (Frankfurt, GER)								*Federle (2003) - http://www.fgs.uni-halle.de*			
date	30-Jun-91	time		11.50		22.48	22.48	/ 1			
reaction time		interval				10.98		# of strides	11.50	10.98	0.52
wind	-3.4 m/s	velocity		8.70		9.11	8.90		8.70	9.11	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.34	11.56	16.76	22.48	22.48	4 / 3			
reaction time		interval		5.22	5.20	5.72		# of strides	11.56	10.92	0.64
wind	0.0 m/s	velocity	7.89	9.58	9.62	8.74	8.90		8.65	9.16	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.29	11.25	16.61	22.48	22.48	3 / 4			
reaction time	0.174	interval		4.96	5.36	5.87		# of strides	11.25	11.23	0.02
wind	-0.1 m/s	velocity	7.95	10.08	9.33	8.52	8.90		8.89	8.90	

Bryant, Dezerea (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.4		22.5	22.48	/ 5			
reaction time		interval				11.10		# of strides	11.40	11.10	0.30

wind	0.4 m/s	velocity		8.77		9.01	8.90			8.77	9.01	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.1	11.2	16.5	22.48	22.48	6 / 3			
reaction time	0.140	interval		5.10	5.30	5.98		# of strides	11.20	11.28	-0.08
wind	0.7 m/s	velocity	8.20	9.80	9.43	8.36	8.90	99.7	8.93	8.87	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)								*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time	6.40	11.53	16.81	22.48	22.48	7 / 4			
reaction time	0.142	interval		5.13	5.28	5.67		# of strides	11.53	10.95	0.58
wind	1.3 m/s	velocity	7.81	9.75	9.47	8.82	8.90	89.7	8.67	9.13	

Morehead, Brenda (USA) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 USA Olympic Trials (Eugene, OR)								*Hymans (2008) - history of the US olympic trials - track and field*			
date	24-Jun-76	time		11.4		22.5	22.49	/ 1			
reaction time		interval				11.1		# of strides	11.40	11.10	0.30
wind	2.3 m/s	velocity		8.77		9.01	8.89		8.77	9.01	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	10-Aug-17	time	6.26	11.25	16.58	22.49	22.49	5 / 1			
reaction time	0.155	interval		4.99	5.33	5.91		# of strides	11.25	11.24	0.01
wind	-0.2 m/s	velocity	7.99	10.02	9.38	8.46	8.89	93.1	8.89	8.90	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	10-Aug-17	time	6.39	11.47	16.74	22.49	22.49	7 / 1			
reaction time	0.147	interval		5.08	5.27	5.75		# of strides	11.47	11.02	0.45
wind	-0.2 m/s	velocity	7.82	9.84	9.49	8.70	8.89	89.5	8.72	9.07	

Nwokocha, Grace (NGR) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.48		22.49	22.49	8 / 5			
reaction time	0.170	interval				11.01		# of strides	11.48	11.01	0.47
wind	1.4 m/s	velocity		8.71		9.08	8.89	95.5	8.71	9.08	

Davis, Kevona (JAM) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.42		22.49	22.49	3 / 2			
reaction time	0.152	interval				11.07		# of strides	11.42	11.07	0.35
wind	-1.3 m/s	velocity		8.76		9.03	8.89	91.2	8.76	9.03	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)								*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	6.22	11.32	16.60	22.49	22.49	6 / 6			
reaction time	0.140	interval		5.10	5.28	5.89		# of strides	11.32	11.17	0.15
wind	0.3 m/s	velocity	8.04	9.80	9.47	8.49	8.89	92.0	8.83	8.95	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.34	11.52	16.94	22.49	22.49	4 / 1			
reaction time		interval		5.18	5.42	5.55		# of strides	11.52	10.97	0.55
wind	0.8 m/s	velocity	7.89	9.65	9.23	9.01	8.89	103.0	8.68	9.12	

Voronova-Pomoshnikova, Natalya (UI			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)											*Veney - 200m women from PJ*
date	19-Aug-93	time	6.41	11.48	16.82	22.50	22.50	8 / 6			
reaction time	0.262	interval		5.07	5.34	5.68		# of strides	11.48	11.02	0.46
wind	0.0 m/s	velocity	7.80	9.86	9.36	8.80	8.89	95.2	8.71	9.07	

Leshchova, Yekaterina (RUS) (1974)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.21	11.31	16.71	22.35	22.50	7 / 4			
reaction time	0.149	interval		5.10	5.40	5.64		# of strides	11.31	11.04	0.27

wind	-0.7 m/s	velocity	8.05	9.80	9.26	8.87	8.89	94.2	8.84	9.06	

Richards, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	6.36	11.48	16.83	22.50	22.50	3 / 1			
reaction time	0.156	interval		5.12	5.35	5.67		# of strides	11.48	11.02	0.46
wind	0.1 m/s	velocity	7.86	9.77	9.35	8.82	8.89		8.71	9.07	

Madison, Tianna (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.3		22.50	22.50	5 / 6			
reaction time	0.207	interval				11.20		# of strides	11.30	11.20	0.10
wind	1.0 m/s	velocity		8.85		8.93	8.89		8.85	8.93	

Simpson, Sherone (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 IAAF World Championships (Beijing, CHN)								*Butler (2019) - IAAF world championships - Doha 2019: statistics handbook*			
date	28-Aug-15	time		11.4		22.5	22.50	9 / 8			
reaction time	0.148	interval				11.10		# of strides	11.40	11.10	0.30
wind	0.2 m/s	velocity		8.77		9.01	8.89		8.77	9.01	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	10-Aug-17	time	6.23	11.26	16.60	22.50	22.50	5 / 1			
reaction time	0.198	interval		5.03	5.34	5.90		# of strides	11.26	11.24	0.02
wind	-0.2 m/s	velocity	8.03	9.94	9.36	8.47	8.89	99.3	8.88	8.90	

Williams, Briana (JAM) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)								*Koyama (2018) - research on athlete performance and technique- 2018 data book*			
date	14-Jul-18	time	6.36	11.47	16.72	22.50	22.50	3 / 1			
reaction time	0.191	interval		5.11	5.25	5.78	**CR NJR**	# of strides	11.47	11.03	0.44
wind	-0.1 m/s	velocity	7.86	9.78	9.52	8.65	8.89		8.72	9.07	

Fraser-Price, Shelly-Ann (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.4	11.5	16.8	22.50	22.50	4 / 3			
reaction time	0.164	interval		5.1	5.3	5.70		# of strides	11.50	11.00	0.50
wind	0.4 m/s	velocity	7.81	9.80	9.43	8.77	8.89	101.5	8.70	9.09	

Masilingi, Beatrice (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.4	11.5	16.9	22.50	22.50	7 / 5			
reaction time	0.194	interval		5.10	5.40	5.60		# of strides	11.50	11.00	0.50
wind	0.4 m/s	velocity	7.81	9.80	9.26	8.93	8.89	92.0	8.70	9.09	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.32	11.37	16.65	22.50	22.50	7 / 1			
reaction time	0.175	interval		5.05	5.28	5.85		# of strides	11.37	11.13	0.24
wind	-0.6 m/s	velocity	7.91	9.90	9.47	8.55	8.89	93.0	8.80	8.98	

Mays, Jadyn (USA) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.27	11.40	16.82	22.50	22.50	5 / 2			
reaction time		interval		5.13	5.42	5.68		# of strides	11.40	11.10	0.30
wind	0.1 m/s	velocity	7.97	9.75	9.23	8.80	8.89	98.2	8.77	9.01	

Carter, Jassani (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.46	11.68	16.93	22.50	22.50	9 / 4			
reaction time		interval		5.22	5.25	5.57		# of strides	11.68	10.82	0.86
wind	1.4 m/s	velocity	7.74	9.58	9.52	8.98	8.89	96.0	8.56	9.24	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.34	11.54	16.80	22.51	22.51	7 / 1			
reaction time		interval		5.20	5.26	5.71		# of strides	11.54	10.97	0.57

wind	2.0 m/s	velocity	7.89	9.62	9.51	8.76	8.88		8.67	9.12	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.28	11.31	16.65	22.51	22.51	8 / 1			
reaction time	0.181	interval		5.03	5.34	5.86		# of strides	11.31	11.20	0.11
wind	0.3 m/s	velocity	7.96	9.94	9.36	8.53	8.88		8.84	8.93	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 IAAF World Championships (Doha, QAT)								*Takahaski (2019) - race analysis top 200m athletes- domestic and international*			
date	02-Oct-19	time	6.26	11.38	16.71	22.51	22.51	4 / 3			
reaction time	0.150	interval		5.12	5.33	5.80		# of strides	11.38	11.13	0.25
wind	0.9 m/s	velocity	7.99	9.77	9.38	8.62	8.88	100.0	8.79	8.98	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	06-Aug-22	time	6.2	11.4	16.7	22.51	22.51	6 / 2			
reaction time	0.161	interval		5.20	5.30	5.81		# of strides	11.40	11.11	0.29
wind	0.6 m/s	velocity	8.06	9.62	9.43	8.61	8.88	94.2	8.77	9.00	

Klaver, Lieke (NED) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.45	11.60	16.90	22.51	22.51	5 / 2			
reaction time	0.197	interval		5.15	5.30	5.61	**PB**	# of strides	11.60	10.91	0.69
wind	1.4 m/s	velocity	7.75	9.71	9.43	8.91	8.88	92.0	8.62	9.17	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.41		22.51	22.51	4 / 1			
reaction time	0.191	interval				11.10		# of strides	11.41	11.10	0.31
wind	-0.4 m/s	velocity		8.76		9.01	8.88	94.5	8.76	9.01	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.42	11.55	16.90	22.51	22.51	3 / 4			
reaction time	0.165	interval		5.13	5.35	5.61		# of strides	11.55	10.96	0.59
wind	0.4 m/s	velocity	7.79	9.75	9.35	8.91	8.88	92.0	8.66	9.12	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Veney - 200m women from PJ*			
date	03-Sep-87	time		11.67	16.90	22.52	22.52	6 / 6			
reaction time		interval			5.23	5.62	**PB**	# of strides	11.67	10.85	0.82
wind	1.2 m/s	velocity		8.57	9.56	8.90	8.88		8.57	9.22	

Kasprzyk, Ewa (POL) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Veney - 200m women from PJ*			
date	03-Sep-87	time		11.68	16.92	22.52	22.52	2 / 7			
reaction time		interval			5.24	5.60		# of strides	11.68	10.84	0.84
wind	1.2 m/s	velocity		8.56	9.54	8.93	8.88	101.2	8.56	9.23	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.08	11.12	16.48	22.38	22.52	6 / 5			
reaction time	0.142	interval		5.04	5.36	5.90		# of strides	11.12	11.26	-0.14
wind	-0.7 m/s	velocity	8.22	9.92	9.33	8.47	8.88	97.2	8.99	8.88	

Ferguson, Debbie (BAH) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.1		22.52	22.52	4 / ~~2~~ 1			
reaction time	0.176	interval				11.4		# of strides	11.10	11.42	-0.32
wind	-0.8 m/s	velocity		9.01		8.76	8.88	96.0	9.01	8.76	

Akinosun, Morolake (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)								*Track Newsletter (2015) - NCAA women's championships*			
date	13-Jun-15	time		11.7		22.5	22.52	7 / 5			
reaction time		interval				10.80	**PB**	# of strides	11.70	10.80	0.90

wind	1.9 m/s	velocity		8.55		9.26	8.88			8.55	9.26

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.26	11.43	16.76	22.52	22.52	7 / 4			
reaction time	0.158	interval		5.17	5.33	5.76		# of strides	11.43	11.09	0.34
wind	0.8 m/s	velocity	7.99	9.67	9.38	8.68	8.88	93.0	8.75	9.02	

Whyte, Natalliah (JAM) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.33		22.52	22.52	7 / 3			
reaction time	0.154	interval				11.19		# of strides	11.33	11.19	0.14
wind	-0.1 m/s	velocity		8.83		8.94	8.88	97.0	8.83	8.94	

Göhr, Marlies (GDR) (1958)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1978 European Championships (Prague, TCH)								*Lamare (1978) - championnats d'Europa 1978*			
date	01-Sep-78	time		11.49		22.53	22.53	3 / 2			
reaction time	0.208	interval				11.04		# of strides	11.49	11.04	0.45
wind	-0.2 m/s	velocity		8.70		9.06	8.88	109.5	8.70	9.06	

Torrence, Gwen (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.58	11.66	16.94	22.53	22.53	6 / 3			
reaction time	0.264	interval		5.08	5.28	5.59		# of strides	11.66	10.87	0.79
wind	1.8 m/s	velocity	7.60	9.84	9.47	8.94	8.88		8.58	9.20	

Malchugina, Galina (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.37	11.41	16.74	22.55	22.53	7 / 4			
reaction time	0.200	interval		5.04	5.33	5.81		# of strides	11.41	11.14	0.27
wind	1.8 m/s	velocity	7.85	9.92	9.38	8.61	8.88		8.76	8.98	

Malchugina, Galina (RUS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)								*Veney - 200m women from PJ*			
date	19-Aug-93	time	6.33	11.33	16.65	22.50	22.53	7 / 4			
reaction time	0.249	interval		5.00	5.32	5.85		# of strides	11.33	11.17	0.16
wind	0.0 m/s	velocity	7.90	10.00	9.40	8.55	8.88	99.2	8.83	8.95	

Hewitt, Lauren (AUS) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.28	11.42	16.80	22.53	22.53	1 / 7			
reaction time	0.132	interval		5.14	5.38	5.73	**PB**	# of strides	11.42	11.11	0.31
wind	0.6 m/s	velocity	7.96	9.73	9.29	8.73	8.88		8.76	9.00	

Freeman, Cathy (AUS) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Veney - 200m women from PJ*			
date	28-Sep-00	time		11.68	16.96	22.53	22.53	2 / ~~7~~ 6			
reaction time	0.235	interval			5.28	5.57		# of strides	11.68	10.85	0.83
wind	0.7 m/s	velocity		8.56	9.47	8.98	8.88		8.56	9.22	

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.37	11.51	16.82	22.53	22.53	3 / 2			
reaction time	0.152	interval		5.14	5.31	5.71		# of strides	11.51	11.02	0.49
wind	-0.3 m/s	velocity	7.85	9.73	9.42	8.76	8.88		8.69	9.07	

Knight, Bianca (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.32	11.48	16.72	22.53	22.53	5 / 1			
reaction time		interval		5.16	5.24	5.81		# of strides	11.48	11.05	0.43
wind	-0.1 m/s	velocity	7.91	9.69	9.54	8.61	8.88		8.71	9.05	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.3		22.5	22.53	6 / 3			
reaction time	0.187	interval				11.20		# of strides	11.30	11.20	0.10

wind	-0.6 m/s	velocity		8.85		8.93	8.88	96.2	8.85	8.93	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.27	11.37	16.71	22.53	22.53	4 / 5			
reaction time	0.164	interval		5.10	5.34	5.82		# of strides	11.37	11.16	0.21
wind	0.4 m/s	velocity	7.97	9.80	9.36	8.59	8.88	100.0	8.80	8.96	

Naser, Salwa Eid (BRN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.59	11.75	16.93	22.53	22.53	4 / 2			
reaction time	0.210	interval		5.16	5.18	5.60		# of strides	11.75	10.78	0.97
wind	1.0 m/s	velocity	7.59	9.69	9.65	8.93	8.88	93.0	8.51	9.28	

Gladisch-Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	03-Sep-87	time	6.37	11.40	16.73	22.54	22.54	6 / 2			
reaction time	0.263	interval		5.03	5.33	5.81		# of strides	11.40	11.14	0.26
wind	-1.0 m/s	velocity	7.85	9.94	9.38	8.61	8.87	99.0	8.77	8.98	

Sturrup, Chandra (BAH) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)								*Veney - 200m women from PJ*			
date	01-Aug-96	time		11.32	16.68	22.54	22.54	8 / 6			
reaction time	0.165	interval			5.36	5.86		# of strides	11.32	11.22	0.10
wind	0.3 m/s	velocity		8.83	9.33	8.53	8.87		8.83	8.91	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)								*Track Newsletter (2014) - USATF women's championships*			
date	29-Jun-14	time		11.6		22.5	22.54	/ 4			
reaction time	0.164	interval				10.90		# of strides	11.60	10.90	0.70
wind	3.8 m/s	velocity		8.62		9.17	8.87		8.62	9.17	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.5		22.6	22.54	5 / 4			
reaction time	0.187	interval				11.10		# of strides	11.50	11.10	0.40
wind	-0.6 m/s	velocity		8.70		9.01	8.87	93.0	8.70	9.01	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.44	11.50	16.81	22.54	22.54	1 / 5			
reaction time	0.218	interval		5.06	5.31	5.73		# of strides	11.50	11.04	0.46
wind	0.2 m/s	velocity	7.76	9.88	9.42	8.73	8.87		8.70	9.06	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.24	11.35	16.72	22.54	22.54	3 / 5			
reaction time	0.153	interval		5.11	5.37	5.82		# of strides	11.35	11.19	0.16
wind	0.2 m/s	velocity	8.01	9.78	9.31	8.59	8.87		8.81	8.94	

Burgher, Niesha (JAM) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.47	11.55	16.82	22.54	22.54	6 / 2			
reaction time	0.161	interval		5.08	5.27	5.72		# of strides	11.55	10.99	0.56
wind	0.0 m/s	velocity	7.73	9.84	9.49	8.74	8.87	98.0	8.66	9.10	

Georgieva, Nadezhda (BUL) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1987 IAAF World Championships (Rome, ITA)								*Veney - 200m women from PJ*			
date	03-Sep-87	time		11.68	16.91	22.55	22.55	7 / 8			
reaction time		interval			5.23	5.64		# of strides	11.68	10.87	0.81
wind	1.2 m/s	velocity		8.56	9.56	8.87	8.87		8.56	9.20	

Mondie-Milner, Celena (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time		11.62	16.93	22.55	22.55	7 / 6			
reaction time		interval			5.31	5.62		# of strides	11.62	10.93	0.69

wind	-0.6 m/s	velocity		8.61	9.42	8.90	8.87		8.61	9.15

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.5		22.6	22.55	6 / 3			
reaction time		interval				11.10		# of strides	11.50	11.10	0.40
wind	0.4 m/s	velocity		8.70		9.01	8.87		8.70	9.01	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.44	11.61	16.81	22.55	22.55	4 / 2			
reaction time		interval		5.17	5.20	5.74		# of strides	11.61	10.94	0.67
wind	-0.1 m/s	velocity	7.76	9.67	9.62	8.71	8.87		8.61	9.14	

McLaughlin, Anneisha (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.38	11.39	16.69	22.55	22.55	6 / 2			
reaction time	0.156	interval		5.01	5.30	5.86	PB	# of strides	11.39	11.16	0.23
wind	0.3 m/s	velocity	7.84	9.98	9.43	8.53	8.87		8.78	8.96	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (200m straightaway)								*Jalava (2010) - www.tilastopaja.org*			
date	16-May-10	time		11.31	16.68	22.55	22.55	2 / 1			
reaction time		interval			5.37	5.87		# of strides	11.31	11.24	0.07
wind	0.2 m/s	velocity		8.84	9.31	8.52	8.87		8.84	8.90	

Lalova-Collio, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)								*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date	19-May-19	time	6.32	11.38	16.72	22.55	22.55	8 / 1			
reaction time	0.165	interval		5.06	5.34	5.83		# of strides	11.38	11.17	0.21
wind	0.5 m/s	velocity	7.91	9.88	9.36	8.58	8.87	97.2	8.79	8.95	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	21-Jul-22	time		11.31		22.55	22.55	1 / 8			
reaction time	0.113	interval				11.24		# of strides	11.31	11.24	0.07
wind	0.6 m/s	velocity		8.84		8.90	8.87	103.0	8.84	8.90	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.60		22.55	22.55	9 / 2			
reaction time	0.182	interval				10.95		# of strides	11.60	10.95	0.65
wind	-0.3 m/s	velocity		8.62		9.13	8.87	98.0	8.62	9.13	

Long, McKenzie (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.42	11.49	16.79	22.55	22.55	9 / 1			
reaction time	0.212	interval		5.07	5.30	5.76		# of strides	11.49	11.06	0.43
wind	0.0 m/s	velocity	7.79	9.86	9.43	8.68	8.87	102.0	8.70	9.04	

Parisot, Helene (FRA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.32	11.38	16.76	22.55	22.55	5 / 3			
reaction time	0.177	interval		5.06	5.38	5.79	PB	# of strides	11.38	11.17	0.21
wind	0.2 m/s	velocity	7.91	9.88	9.29	8.64	8.87	100.5	8.79	8.95	

Griffith-Joyner, Florence (USA) (1959			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 1987 IAAF World Championships (Rome, ITA)								*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*			
date	01-Sep-87	time	6.37	11.49	16.84	22.56	22.56	4 / 1			
reaction time	0.229	interval		5.12	5.35	5.72		# of strides	11.49	11.07	0.42
wind	-0.6 m/s	velocity	7.85	9.77	9.35	8.74	8.87	95.0	8.70	9.03	

White, Kelli (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.2		22.56	22.56	3 / ~~3~~			
reaction time	0.147	interval				11.4	DV	# of strides	11.20	11.36	-0.16

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		8.93		8.80	8.87	100.0	8.93	8.80	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.5		22.6	22.56	/ 5			
reaction time		interval				11.10		# of strides	11.50	11.10	0.40
wind	0.4 m/s	velocity		8.70		9.01	8.87		8.70	9.01	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.24	11.38	16.77	22.56	22.56	4 / 3			
reaction time	0.144	interval		5.14	5.39	5.79		# of strides	11.38	11.18	0.20
wind	1.4 m/s	velocity	8.01	9.73	9.28	8.64	8.87	93.5	8.79	8.94	

Suarez, Gabriela Anahi (ECU) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.57		22.56	22.56	2 / 2			
reaction time	0.129	interval				10.99		# of strides	11.57	10.99	0.58
wind	2.5 m/s	velocity		8.64		9.10	8.87	99.0	8.64	9.10	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.45		22.56	22.56	2 / 2			
reaction time	0.129	interval				11.11		# of strides	11.45	11.11	0.34
wind	0.4 m/s	velocity		8.73		9.00	8.87	94.0	8.73	9.00	

Guidry, Carlette (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.25	11.40	16.74	22.57	22.57	3 / 2			
reaction time		interval		5.15	5.34	5.83		# of strides	11.40	11.17	0.23
wind	2.3 m/s	velocity	8.00	9.71	9.36	8.58	8.86		8.77	8.95	

Lalova, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	25-Aug-04	time		11.4		22.6	22.57	2 / 5			
reaction time		interval				11.2		# of strides	11.40	11.20	0.20
wind	0.8 m/s	velocity		8.77		8.93	8.86		8.77	8.93	

Ahoure, Murielle (CIV) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	08-Aug-12	time		11.27		22.57	22.57	8 / 6			
reaction time	0.161	interval				11.30		# of strides	11.27	11.30	-0.03
wind	-0.2 m/s	velocity		8.87		8.85	8.86	98.7	8.87	8.85	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.10	11.24	16.63	22.57	22.57	5 / 4			
reaction time	0.139	interval		5.14	5.39	5.94		# of strides	11.24	11.33	-0.09
wind	-0.4 m/s	velocity	8.20	9.73	9.28	8.42	8.86	96.2	8.90	8.83	

Pereira, Shanti Veronica (SGP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.64		22.57	22.57	8 / 2			
reaction time	0.187	interval				10.93	**NR PB**	# of strides	11.64	10.93	0.71
wind	-0.4 m/s	velocity		8.59		9.15	8.86	97.0	8.59	9.15	

Terry, Twanisha (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Weltklasse (Zürich, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	31-Aug-23	time	6.23	11.24	16.63	22.57	22.57	3 / 5			
reaction time	0.137	interval		5.01	5.39	5.94		# of strides	11.24	11.33	-0.09
wind	-0.8 m/s	velocity	8.03	9.98	9.28	8.42	8.86	101.0	8.90	8.83	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.38	11.48	16.82	22.57	22.57	3 / 3			
reaction time		interval		5.10	5.34	5.75		# of strides	11.48	11.09	0.39

wind	0.1 m/s	velocity	7.84	9.80	9.36	8.70	8.86	96.0	8.71	9.02	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	06-Aug-92	time		11.6		22.6	22.58	8 / 6			
reaction time		interval				11.00		# of strides	11.60	11.00	0.60
wind	-0.6 m/s	velocity		8.62		9.09	8.86		8.62	9.09	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.7		22.6	22.58	7 / 4			
reaction time		interval				10.90		# of strides	11.70	10.90	0.80
wind	0.4 m/s	velocity		8.55		9.17	8.86		8.55	9.17	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	20-Aug-09	time	6.31	11.39	16.78	22.58	22.58	5 / 2			
reaction time	0.162	interval		5.08	5.39	5.80		# of strides	11.39	11.19	0.20
wind	0.5 m/s	velocity	7.92	9.84	9.28	8.62	8.86		8.78	8.94	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.7		22.6	22.58	/ 6			
reaction time		interval				10.90		# of strides	11.70	10.90	0.80
wind	1.0 m/s	velocity		8.55		9.17	8.86		8.55	9.17	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.4	11.5	16.8	22.58	22.58	7 / 5			
reaction time	0.164	interval		5.1	5.3	5.78		# of strides	11.50	11.08	0.42
wind	-0.4 m/s	velocity	7.81	9.80	9.43	8.65	8.86	101.0	8.70	9.03	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.4	11.5	16.9	22.58	22.58	3 / 2			
reaction time	0.147	interval		5.10	5.40	5.68		# of strides	11.50	11.08	0.42
wind	0.2 m/s	velocity	7.81	9.80	9.26	8.80	8.86	99.0	8.70	9.03	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.14	11.25	16.62	22.58	22.58	4 / 2			
reaction time	0.158	interval		5.11	5.37	5.96		# of strides	11.25	11.33	-0.08
wind	-0.6 m/s	velocity	8.14	9.78	9.31	8.39	8.86	97.0	8.89	8.83	

Bestué, Jaël (ESP) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.61		22.58	22.58	3 / 3			
reaction time	0.154	interval				10.97		# of strides	11.61	10.97	0.64
wind	-0.4 m/s	velocity		8.61		9.12	8.86	104.0	8.61	9.12	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.05	11.15	16.48	22.58	22.58	8 / 2			
reaction time		interval		5.10	5.33	6.10		# of strides	11.15	11.43	-0.28
wind	0.2 m/s	velocity	8.26	9.80	9.38	8.20	8.86	95.5	8.97	8.75	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	29-Jun-24	time	6.37	11.40	16.80	22.58	22.58	4 / 7			
reaction time		interval		5.03	5.40	5.78		# of strides	11.40	11.18	0.22
wind	0.6 m/s	velocity	7.85	9.94	9.26	8.65	8.86	96.0	8.77	8.94	

Madogo, Jacqueline (CAN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.39	11.48	16.78	22.58	22.58	8 / 1			
reaction time	0.162	interval		5.09	5.30	5.80		# of strides	11.48	11.10	0.38

wind	0.6 m/s	velocity	7.82	9.82	9.43	8.62	8.86	94.0	8.71	9.01	

Williams, Bianca (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.34	11.45	16.81	22.58	22.58	9 / 4			
reaction time	0.167	interval		5.11	5.36	5.77		# of strides	11.45	11.13	0.32
wind	0.0 m/s	velocity	7.89	9.78	9.33	8.67	8.86	100.0	8.73	8.98	

Krabbe, Katrin (GDR) (1969)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.33	11.51	16.89	22.59	22.59	4 / 6			
reaction time	0.194	interval		5.18	5.38	5.70		# of strides	11.51	11.08	0.43
wind	1.7 m/s	velocity	7.90	9.65	9.29	8.77	8.85	92.7	8.69	9.03	

Mondie-Milner, Celena (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.62	16.84	22.59	22.59	4 / 3			
reaction time		interval			5.22	5.75		# of strides	11.62	10.97	0.65
wind	-0.5 m/s	velocity		8.61	9.58	8.70	8.85		8.61	9.12	

Taplin, Cheryl (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	23-Jun-96	time		11.37	16.77	22.59	22.59	2 / 7			
reaction time		interval			5.40	5.82	**PB**	# of strides	11.37	11.22	0.15
wind	-0.6 m/s	velocity		8.80	9.26	8.59	8.85		8.80	8.91	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.54	11.79	17.01	22.59	22.59	4 / ~~3~~ 2			
reaction time		interval		5.25	5.22	5.58		# of strides	11.79	10.80	0.99
wind	0.0 m/s	velocity	7.65	9.52	9.58	8.96	8.85		8.48	9.26	

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.34	11.53	16.76	22.59	22.59	3 / 3			
reaction time		interval		5.19	5.23	5.83		# of strides	11.53	11.06	0.47
wind	-0.1 m/s	velocity	7.89	9.63	9.56	8.58	8.85		8.67	9.04	

Duncan, Kimberlyn (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 USATF National Championships (Sacramento, CA)								*Track Newsletter (2017) - USATF championships women*			
date	25-Jun-17	time		11.4		22.6	22.59	/ 2			
reaction time		interval				11.20		# of strides	11.40	11.20	0.20
wind	-2.5 m/s	velocity		8.77		8.93	8.85		8.77	8.93	

Duncan, Kimberlyn (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)					*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*						
date	11-Aug-17	time		11.15	16.46	22.39	22.59	9 / 6			
reaction time	0.198	interval			5.31	5.93		# of strides	11.15	11.24	-0.09
wind	0.8 m/s	velocity		8.97	9.42	8.43	8.85	101.4	8.97	8.90	

Daniels, Teahna (USA) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.3	11.5	16.9	22.59	22.59	8 / 4			
reaction time	0.132	interval		5.2	5.4	5.69		# of strides	11.50	11.09	0.41
wind	0.1 m/s	velocity	7.94	9.62	9.26	8.79	8.85	92.7	8.70	9.02	

Bestué, Jaël (ESP) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.34	11.44	16.78	22.59	22.59	3 / 3			
reaction time	0.169	interval		5.10	5.34	5.81		# of strides	11.44	11.15	0.29
wind	-0.6 m/s	velocity	7.89	9.80	9.36	8.61	8.85	104.0	8.74	8.97	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.35	11.37	16.71	22.59	22.59	7 / 4			
reaction time	0.155	interval		5.02	5.34	5.88		# of strides	11.37	11.22	0.15

wind	0.2 m/s	velocity	7.87	9.96	9.36	8.50	8.85	92.0	8.80	8.91	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.36	11.48	16.79	22.59	22.59	3 / 6			
reaction time	0.173	interval		5.12	5.31	5.80		# of strides	11.48	11.11	0.37
wind	-0.9 m/s	velocity	7.86	9.77	9.42	8.62	8.85	100.0	8.71	9.00	

Paschke, Melanie (GER) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)									*Veney - 200m women from PJ*		
date	25-Aug-95	time		11.43	16.71	22.60	22.60	7 / ~~5~~ 4			
reaction time		interval			5.28	5.89		# of strides	11.43	11.17	0.26
wind	-2.2 m/s	velocity		8.75	9.47	8.49	8.85	100.0	8.75	8.95	

Cuthbert, Juliet (JAM) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)									*Veney - 200m women from PJ*		
date	01-Aug-96	time		11.51		22.60	22.60	1 / 7			
reaction time	0.175	interval				11.09		# of strides	11.51	11.09	0.42
wind	0.3 m/s	velocity		8.69		9.02	8.85		8.69	9.02	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.19	11.36	16.63	22.60	22.60	5 / ~~1~~			
reaction time		interval		5.17	5.27	5.97	DV	# of strides	11.36	11.24	0.12
wind	-0.3 m/s	velocity	8.08	9.67	9.49	8.38	8.85		8.80	8.90	

Knight, Bianca (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.5		22.60	22.60	1 / 7			
reaction time	0.210	interval				11.10		# of strides	11.50	11.10	0.40
wind	1.0 m/s	velocity		8.70		9.01	8.85		8.70	9.01	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.5		22.6	22.60	/ 7			
reaction time		interval				11.10		# of strides	11.50	11.10	0.40
wind	0.4 m/s	velocity		8.70		9.01	8.85		8.70	9.01	

Bowie, Towie (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 USATF National Championships (Sacramento, CA)								*Track Newsletter (2017) - USATF championships women*			
date	25-Jun-17	time		11.4		22.6	22.60	/ 3			
reaction time		interval				11.20		# of strides	11.40	11.20	0.20
wind	-2.5 m/s	velocity		8.77		8.93	8.85		8.77	8.93	

Emmanuel, Crystal (CAN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	11-Aug-17	time		11.23	16.63	22.44	22.60	2 / 7			
reaction time	0.158	interval			5.40	5.81		# of strides	11.23	11.21	0.02
wind	0.8 m/s	velocity		8.90	9.26	8.61	8.85	98.2	8.90	8.92	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.5	11.6	17.2	22.60	22.60	6 / 3			
reaction time	0.147	interval		5.10	5.60	5.40		# of strides	11.60	11.00	0.60
wind	0.2 m/s	velocity	7.69	9.80	8.93	9.26	8.85	100.0	8.62	9.09	

Williams, Jodie (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	13-Jul-21	time	6.4	11.6	16.9	22.60	22.60	7 / 2			
reaction time	0.143	interval		5.20	5.30	5.70		# of strides	11.60	11.00	0.60
wind	0.2 m/s	velocity	7.81	9.62	9.43	8.77	8.85	94.0	8.62	9.09	

Bestué, Jaël (ESP) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.59		22.60	22.60	4 / 5			
reaction time	0.165	interval				11.01		# of strides	11.59	11.01	0.58

wind	-0.2 m/s	velocity		8.63		9.08	8.85	103.5	8.63	9.08	

Mays, Jadyn (USA) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	29-Jun-24	time	6.43	11.67	17.03	22.60	22.60	1 / 8			
reaction time		interval		5.24	5.36	5.57		# of strides	11.67	10.93	0.74
wind	0.6 m/s	velocity	7.78	9.54	9.33	8.98	8.85	100.0	8.57	9.15	

Smallwood, Kathy (GBR) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)										*Veney - 200m women from PJ*	
date	30-Jul-80	time		11.79	17.06	22.61	22.61	7 / 5			
reaction time	0.176	interval			5.27	5.55		# of strides	11.79	10.82	0.97
wind	1.4 m/s	velocity		8.48	9.49	9.01	8.85		8.48	9.24	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)										*Veney - 200m women from PJ*	
date	04-Oct-85	time		11.56		22.61	22.61	5 / 2			
reaction time		interval				11.05		# of strides	11.56	11.05	0.51
wind	-0.7 m/s	velocity		8.65		9.05	8.85		8.65	9.05	

Finn, Michelle (USA) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	06-Aug-92	time		11.4		22.6	22.61	2 / 7			
reaction time		interval				11.20		# of strides	11.40	11.20	0.20
wind	-0.6 m/s	velocity		8.77		8.93	8.85	95.2	8.77	8.93	

Guidry-White, Carlette (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 Olympic Games (Atlanta, GA)										*Veney - 200m women from PJ*	
date	01-Aug-96	time		11.41	16.70	22.61	22.61	2 / 8			
reaction time	0.207	interval			5.29	5.91		# of strides	11.41	11.20	0.21
wind	0.3 m/s	velocity		8.76	9.45	8.46	8.85		8.76	8.93	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.41	11.53	16.75	22.61	22.61	7 / 4			
reaction time		interval		5.12	5.22	5.86		# of strides	11.53	11.08	0.45
wind	0.0 m/s	velocity	7.80	9.77	9.58	8.53	8.85		8.67	9.03	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	21-Aug-08	time		11.46		22.61	22.61	2 / 7			
reaction time	0.175	interval				11.15		# of strides	11.46	11.15	0.31
wind	0.6 m/s	velocity		8.73		8.97	8.85	96.5	8.73	8.97	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)							*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date	02-Sep-11	time		11.4		22.61	22.61	6 / 4			
reaction time	0.172	interval				11.21		# of strides	11.40	11.21	0.19
wind	-1.0 m/s	velocity		8.77		8.92	8.85	96.7	8.77	8.92	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)								*Track Newsletter (2017) - NCAA women's championships*			
date	10-Jun-17	time		11.6		22.6	22.61	6 / 3			
reaction time		interval				11.00		# of strides	11.60	11.00	0.60
wind	1.1 m/s	velocity		8.62		9.09	8.85	89.7	8.62	9.09	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)									*European Athletics (2019) - race analysis*		
date	10-Sep-19	time		11.47		22.61	22.61	5 / 1			
reaction time	0.217	interval				11.14		# of strides	11.47	11.14	0.33
wind	-0.1 m/s	velocity		8.72		8.98	8.85	94.2	8.72	8.98	

Okagbare, Blessing (NGR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	13-Jul-21	time	6.5	11.6	16.9	22.61	22.61	8 / 3			
reaction time	0.160	interval		5.10	5.30	5.71		# of strides	11.60	11.01	0.59

wind	0.2 m/s	velocity	7.69	9.80	9.43	8.76	8.85	92.5	8.62	9.08	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.65		22.61	22.61	8 / 3			
reaction time	0.209	interval				10.96		# of strides	11.65	10.96	0.69
wind	0.4 m/s	velocity		8.58		9.12	8.85	102.0	8.58	9.12	

Nwokocha, Grace (NGR) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.50		22.61	22.61	4 / 3			
reaction time	0.182	interval				11.11		# of strides	11.50	11.11	0.39
wind	0.9 m/s	velocity		8.70		9.00	8.85	96.0	8.70	9.00	

Hill, Candice (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.42	11.60	16.97	22.61	22.61	4 / 5			
reaction time		interval		5.18	5.37	5.64		# of strides	11.60	11.01	0.59
wind	1.4 m/s	velocity	7.79	9.65	9.31	8.87	8.85	92.5	8.62	9.08	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.39	11.50	16.89	22.61	22.61	7 / 2			
reaction time	0.170	interval		5.11	5.39	5.72		# of strides	11.50	11.11	0.39
wind	0.0 m/s	velocity	7.82	9.78	9.28	8.74	8.85	94.0	8.70	9.00	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.43	11.51	16.80	22.61	22.61	8 / 3			
reaction time	0.144	interval		5.08	5.29	5.81		# of strides	11.51	11.10	0.41
wind	0.2 m/s	velocity	7.78	9.84	9.45	8.61	8.85	95.0	8.69	9.01	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	10-Jun-06	time		11.6		22.6	22.62	/ 1			
reaction time		interval				11.00		# of strides	11.60	11.00	0.60
wind	0.8 m/s	velocity		8.62		9.09	8.84		8.62	9.09	

McLaughlin, Anneisha (JAM) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.37	11.43	16.76	22.62	22.62	8 / 5			
reaction time	0.178	interval		5.06	5.33	5.86		# of strides	11.43	11.19	0.24
wind	-0.1 m/s	velocity	7.85	9.88	9.38	8.53	8.84		8.75	8.94	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 USATF National Championships (Des Moines, IA)								*Track Newsletter (2018) - USATF championships women*			
date	24-Jun-18	time		11.4		22.7	22.62	/ 1			
reaction time		interval				11.30		# of strides	11.40	11.30	0.10
wind	-1.0 m/s	velocity		8.77		8.85	8.84		8.77	8.85	

Okagbare, Blessing (NGR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.5	11.5	16.8	22.62	22.62	8 / 6			
reaction time	0.159	interval		5.0	5.3	5.82		# of strides	11.50	11.12	0.38
wind	-0.4 m/s	velocity	7.69	10.00	9.43	8.59	8.84	94.0	8.70	8.99	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	13-Jul-21	time	6.3	11.4	16.8	22.62	22.62	4 / 4			
reaction time	0.157	interval		5.10	5.40	5.82		# of strides	11.40	11.22	0.18
wind	0.2 m/s	velocity	7.94	9.80	9.26	8.59	8.84	101.0	8.77	8.91	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.54		22.62	22.62	4 / 3			
reaction time	0.144	interval				11.08		# of strides	11.54	11.08	0.46

wind	-0.3 m/s	velocity		8.67		9.03	8.84	92.2	8.67	9.03	

Terry, Twanisha (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.39	11.60	16.91	22.62	22.62	9 / 4			
reaction time		interval		5.21	5.31	5.71		# of strides	11.60	11.02	0.58
wind	1.8 m/s	velocity	7.82	9.60	9.42	8.76	8.84	100.0	8.62	9.07	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)							*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*				
date	14-Aug-83	time		11.67	16.97	22.63	22.63	8 / 5			
reaction time	0.164	interval			5.30	5.66	PB	# of strides	11.67	10.96	0.71
wind	1.5 m/s	velocity		8.57	9.43	8.83	8.84	85.2	8.57	9.12	

Malchugina, Galina (EUN) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1992 Olympic Games (Barcelona, ESP)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	06-Aug-92	time		11.5		22.6	22.63	1 / 8			
reaction time		interval				11.10		# of strides	11.50	11.10	0.40
wind	-0.6 m/s	velocity		8.70		9.01	8.84	101.5	8.70	9.01	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)							*USATF Women's Sprint Development (2004)*				
date	17-Jul-04	time	6.47	11.65	16.95	22.63	22.63	5 / 1			
reaction time		interval		5.18	5.30	5.68	PB	# of strides	11.65	10.98	0.67
wind	-1.1 m/s	velocity	7.73	9.65	9.43	8.80	8.84		8.58	9.11	

Jayasinghe, Susanthika (SRI) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)							*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*				
date	31-Aug-07	time	6.36	11.45	16.82	22.63	22.63	8 / 3			
reaction time	0.200	interval		5.09	5.37	5.81		# of strides	11.45	11.18	0.27
wind	1.7 m/s	velocity	7.86	9.82	9.31	8.61	8.84	94.7	8.73	8.94	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*				
date	05-Jul-08	time	6.45	11.75	16.96	22.63	22.63	5 / 5			
reaction time		interval		5.30	5.21	5.67		# of strides	11.75	10.88	0.87
wind	0.0 m/s	velocity	7.75	9.43	9.60	8.82	8.84		8.51	9.19	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)							*Track Newsletter (2011) - USATF women's championships*				
date	26-Jun-11	time		11.8		22.6	22.63	/ ~~7~~			
reaction time		interval				10.80	DQ	# of strides	11.80	10.80	1.00
wind	1.0 m/s	velocity		8.47		9.26	8.84		8.47	9.26	

Soumaré, Myriam (FRA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	08-Aug-12	time		11.41		22.63	22.63	2 / 7			
reaction time	0.157	interval				11.22		# of strides	11.41	11.22	0.19
wind	-0.2 m/s	velocity		8.76		8.91	8.84	98.2	8.76	8.91	

Brown, Kamaria (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 NCAA Championships (Eugene, OR)							*Track Newsletter (2014) - NCAA women's championships*				
date	14-Jun-14	time		11.6		22.6	22.63	5 / 1			
reaction time		interval				11.00		# of strides	11.60	11.00	0.60
wind	2.2 m/s	velocity		8.62		9.09	8.84		8.62	9.09	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 NCAA Championships (Eugene, OR)							*Track Newsletter (2014) - NCAA women's championships*				
date	14-Jun-14	time		11.5		22.6	22.63	4 / 2			
reaction time		interval				11.10		# of strides	11.50	11.10	0.40
wind	2.2 m/s	velocity		8.70		9.01	8.84		8.70	9.01	

Townsend, Tiffany (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 London Anniversary Games (London, GBR)							*(2016.07.23) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*				
date	23-Jul-16	time		11.45		22.63	22.63	7 / 2			
reaction time	0.191	interval				11.18		# of strides	11.45	11.18	0.27

wind	-0.8 m/s	velocity		8.73		8.94	8.84		8.73	8.94	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	08-Aug-17	time	6.28	11.31	16.63	22.63	22.63	6 / 1			
reaction time	0.146	interval		5.03	5.32	6.00		# of strides	11.31	11.32	-0.01
wind	0.5 m/s	velocity	7.96	9.94	9.40	8.33	8.84	92.0	8.84	8.83	

Thompson-Herah, Elaine (JAM) (1992			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.2	11.3	16.6	22.63	22.63	5 / 1			
reaction time	0.174	interval		5.10	5.30	6.03		# of strides	11.30	11.33	-0.03
wind	1.5 m/s	velocity	8.06	9.80	9.43	8.29	8.84	96.7	8.85	8.83	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.22	11.29	16.70	22.63	22.63	4 / 4			
reaction time	0.140	interval		5.07	5.41	5.93		# of strides	11.29	11.34	-0.05
wind	0.2 m/s	velocity	8.04	9.86	9.24	8.43	8.84	99.5	8.86	8.82	

Cheeseborough, Chandra (USA) (195			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 USA Olympic Trials (Eugene, OR)								*Hymans (2008) - history of the US olympic trials - track and field*			
date	24-Jun-76	time		11.5		22.6	22.64	/ 2			
reaction time		interval				11.1		# of strides	11.50	11.10	0.40
wind	2.3 m/s	velocity		8.70		9.01	8.83		8.70	9.01	

Bodendorf, Carla (GDR) (1953)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Breizer (1984) - sprint competition analysis*			
date	28-Jul-76	time		11.39	16.90	22.64	22.64	4 / 4			
reaction time		interval			5.51	5.74		# of strides	11.39	11.25	0.14
wind	0.0 m/s	velocity		8.78	9.07	8.71	8.83		8.78	8.89	

Gladisch-Möller, Silke (GDR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Jun-86	time		11.26		22.49	22.64	6 / 3			
reaction time	0.233	interval				11.23		# of strides	11.26	11.23	0.03
wind	-0.8 m/s	velocity		8.88		8.90	8.83		8.88	8.90	

Campbell, Juliet (JAM) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)								*Ferro (2001) - biomechanical analysis of the 7th world championships in athletics seville 1999*			
date	27-Aug-99	time	6.31	11.50	16.87	22.64	22.64	2 / 8			
reaction time	0.143	interval		5.19	5.37	5.77		# of strides	11.50	11.14	0.36
wind	0.6 m/s	velocity	7.92	9.63	9.31	8.67	8.83		8.70	8.98	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.44	11.65	16.92	22.64	22.64	5 / ~~4~~ 3			
reaction time		interval		5.21	5.27	5.72		# of strides	11.65	10.99	0.66
wind	-1.2 m/s	velocity	7.76	9.60	9.49	8.74	8.83	95.5	8.58	9.10	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.6		22.6	22.64	/ 2			
reaction time		interval				11.00		# of strides	11.60	11.00	0.60
wind	1.7 m/s	velocity		8.62		9.09	8.83		8.62	9.09	

Freeman, Emily (GBR) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.29	11.40	16.79	22.64	22.64	3 / 3			
reaction time	0.163	interval		5.11	5.39	5.85	**PB**	# of strides	11.40	11.24	0.16
wind	0.5 m/s	velocity	7.95	9.78	9.28	8.55	8.83		8.77	8.90	

Artymata, Eleni (CYP) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.46	11.57	16.92	22.64	22.64	8 / 4			
reaction time	0.192	interval		5.11	5.35	5.72	**NR**	# of strides	11.57	11.07	0.50

wind	0.5 m/s	velocity	7.74	9.78	9.35	8.74	8.83		8.64	9.03	

Ekponé, Olivia (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 NCAA Championships (Eugene, OR)								*Track Newsletter (2014) - NCAA women's championships*			
date	14-Jun-14	time		11.8		22.6	22.64	2 / 3			
reaction time		interval				10.80		# of strides	11.80	10.80	1.00
wind	2.2 m/s	velocity		8.47		9.26	8.83		8.47	9.26	

Jones, Mahagony (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)								*Track Newsletter (2014) - USATF women's championships*			
date	29-Jun-14	time		11.7		22.6	22.64	/ 5			
reaction time	0.163	interval				10.90		# of strides	11.70	10.90	0.80
wind	3.8 m/s	velocity		8.55		9.17	8.83		8.55	9.17	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	25-Aug-23	time		11.41		22.64	22.64	2 / 8			
reaction time	0.179	interval				11.23		# of strides	11.41	11.23	0.18
wind	0.1 m/s	velocity		8.76		8.90	8.83	97.0	8.76	8.90	

Burgher, Niesha (JAM) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.39	11.42	16.77	22.64	22.64	6 / 5			
reaction time	0.185	interval		5.03	5.35	5.87		# of strides	11.42	11.22	0.20
wind	0.2 m/s	velocity	7.82	9.94	9.35	8.52	8.83	97.0	8.76	8.91	

Trandenkova, Marina (RUS) (1967)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.25	11.39	16.75	22.51	22.65	1 / 6			
reaction time	0.138	interval		5.14	5.36	5.76		# of strides	11.39	11.12	0.27
wind	-0.7 m/s	velocity	8.00	9.73	9.33	8.68	8.83	100.5	8.78	8.99	

Jenkins, LaTasha (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.61	11.85	17.03	22.65	22.65	6 / ~~4~~ 3			
reaction time		interval		5.24	5.18	5.62		# of strides	11.85	10.80	1.05
wind	0.0 m/s	velocity	7.56	9.54	9.65	8.90	8.83		8.44	9.26	

Moore, Connie (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.43	11.52	16.77	22.65	22.65	7 / ~~5~~ 4			
reaction time		interval		5.09	5.25	5.88	PB	# of strides	11.52	11.13	0.39
wind	-1.2 m/s	velocity	7.78	9.82	9.52	8.50	8.83	102.2	8.68	8.98	

Stewart, Kerron (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	10-Jun-06	time		11.7		22.7	22.65	/ 2			
reaction time		interval				11.00	PB	# of strides	11.70	11.00	0.70
wind	0.8 m/s	velocity		8.55		9.09	8.83		8.55	9.09	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.7		22.7	22.65	/ 3			
reaction time		interval				11.00		# of strides	11.70	11.00	0.70
wind	1.7 m/s	velocity		8.55		9.09	8.83		8.55	9.09	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	31-Aug-07	time		11.3		22.65	22.65	3 / 4			
reaction time	0.136	interval				11.35		# of strides	11.30	11.35	-0.05
wind	1.7 m/s	velocity		8.85		8.81	8.83	98.2	8.85	8.81	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	10-May-15	time	6.27	11.44	16.85	22.65	22.65	4 / 1			
reaction time		interval		5.17	5.41	5.80		# of strides	11.44	11.21	0.23

wind	1.0 m/s	velocity	7.97	9.67	9.24	8.62	8.83		8.74	8.92	

Washington, Ariana (USA) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 USA Olympic Trials (Eugene, OR)						*Hymans (2020) - history of the US olympic trials - track and field*			
date 10-Jul-16	time		11.5	22.6	22.65	3 / 5			
reaction time 0.174	interval			11.10		# of strides	11.50	11.10	0.40
wind -0.6 m/s	velocity		8.70	9.01	8.83	92.2	8.70	9.01	

Stevens, Deajah (USA) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)						*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*			
date 17-Aug-16	time		11.5	22.65	22.65	1 / 7			
reaction time 0.171	interval			11.15		# of strides	11.50	11.15	0.35
wind -0.1 m/s	velocity		8.70	8.97	8.83	91.0	8.70	8.97	

Washington, Ariana (USA) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 USATF National Championships (Sacramento, CA)						*Track Newsletter (2017) - USATF championships women*			
date 25-Jun-17	time		11.5	22.6	22.65	/ 4			
reaction time	interval			11.10		# of strides	11.50	11.10	0.40
wind -2.5 m/s	velocity		8.70	9.01	8.83		8.70	9.01	

Masilingi, Beatrice (NAM) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21	time 6.4	11.6	17.0	22.65	22.65	3 / 3			
reaction time 0.196	interval	5.20	5.40	5.65	NR PB	# of strides	11.60	11.05	0.55
wind -0.4 m/s	velocity 7.81	9.62	9.26	8.85	8.83	92.2	8.62	9.05	

Kambundji, Mujinga (SUI) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Weltklasse (Zürich, SUI)						*Omega Timing (2022) - diamond league race analysis*			
date 08-Sep-22	time 6.26	11.38	16.79	22.65	22.65	4 / 5			
reaction time 0.150	interval	5.12	5.41	5.86		# of strides	11.38	11.27	0.11
wind -0.9 m/s	velocity 7.99	9.77	9.24	8.53	8.83	101.7	8.79	8.87	

Fotopoulou, Oliva (CYP) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 23-Aug-23	time	11.36		22.65	22.65	3 / 3			
reaction time 0.148	interval			11.29	PB	# of strides	11.36	11.29	0.07
wind -0.7 m/s	velocity	8.80		8.86	8.83	99.0	8.80	8.86	

Strachan, Anthonique (BAH) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Weltklasse (Zürich, SUI)						*Omega Timing (2023) - diamond league race analysis*			
date 31-Aug-23	time 6.31	11.41	16.82	22.65	22.65	5 / 6			
reaction time 0.163	interval	5.10	5.41	5.83		# of strides	11.41	11.24	0.17
wind -0.8 m/s	velocity 7.92	9.80	9.24	8.58	8.83	88.0	8.76	8.90	

Koné, Maboundou (CIV) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 05-Aug-24	time 6.27	11.41	16.81	22.65	22.65	3 / 5			
reaction time 0.167	interval	5.14	5.40	5.84		# of strides	11.41	11.24	0.17
wind 0.0 m/s	velocity 7.97	9.73	9.26	8.56	8.83	99.0	8.76	8.90	

Kondratyeva, Lyudmila (URS) (1958)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1979 World Cup (Montreal, CAN)						*Tabatshnik (1986) - sprinting - versatity or specialization?*			
date 24-Aug-79	time	11.56	16.88	22.66	22.66	/ 3			
reaction time	interval		5.32	5.78		# of strides	11.56	11.10	0.46
wind -0.2 m/s	velocity	8.65	8.89	8.65	8.83		8.65	9.01	

Malchugina, Galina (URS) (1962)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1991 IAAF World Championships (Tokyo, JPN)						*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date 30-Aug-91	time	11.50		22.66	22.66	1 / 5			
reaction time	interval			11.16		# of strides	11.50	11.16	0.34
wind -2.4 m/s	velocity	8.70		8.96	8.83	100.0	8.70	8.96	

Knoll, Silke (GER) (1967)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1995 IAAF World Championships (Göteborg, SWE)						*Veney - 200m women from PJ*			
date 10-Aug-95	time	11.57	16.86	22.66	22.66	2 / ~~6~~ 5			
reaction time	interval		5.29	5.80		# of strides	11.57	11.09	0.48

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

wind	-2.2 m/s	velocity		8.64	9.45	8.62	8.83	103.5	8.64	9.02	

Block, Zhanna (UKR) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 Olympic Games (Sydney, AUS)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Sep-00	time		11.4		22.7	22.66	8 / ~~8~~ 7			
reaction time	0.190	interval				11.3		# of strides	11.40	11.30	0.10
wind	0.7 m/s	velocity		8.77		8.85	8.83		8.77	8.85	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.32	11.55	16.92	22.66	22.66	5 / 1			
reaction time		interval		5.23	5.37	5.74		# of strides	11.55	11.11	0.44
wind	-0.1 m/s	velocity	7.91	9.56	9.31	8.71	8.83		8.66	9.00	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.34	11.60	16.87	22.66	22.66	7 / ~~2~~ 1			
reaction time		interval		5.26	5.27	5.79		# of strides	11.60	11.06	0.54
wind	0.5 m/s	velocity	7.89	9.51	9.49	8.64	8.83		8.62	9.04	

Colander, LaTasha (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.5		22.7	22.66	2 / 5			
reaction time	0.168	interval				11.20		# of strides	11.50	11.20	0.30
wind	0.2 m/s	velocity		8.70		8.93	8.83	101.0	8.70	8.93	

Jenkins, LaTasha (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	25-Jun-06	time	6.45	11.54	16.87	22.66	22.66	5 / 3			
reaction time		interval		5.09	5.33	5.79		# of strides	11.54	11.12	0.42
wind	0.3 m/s	velocity	7.75	9.82	9.38	8.64	8.83		8.67	8.99	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.31	11.46	16.76	22.66	22.66	7 / 4			
reaction time		interval		5.15	5.30	5.90		# of strides	11.46	11.20	0.26
wind	-0.1 m/s	velocity	7.92	9.71	9.43	8.47	8.83		8.73	8.93	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.5	11.5	16.9	22.66	22.66	3 / 5			
reaction time	0.197	interval		5.0	5.4	5.76		# of strides	11.50	11.16	0.34
wind	0.1 m/s	velocity	7.69	10.00	9.26	8.68	8.83	97.7	8.70	8.96	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.4	11.4	16.9	22.66	22.66	4 / 6			
reaction time	0.182	interval		5.0	5.5	5.76		# of strides	11.40	11.26	0.14
wind	0.1 m/s	velocity	7.81	10.00	9.09	8.68	8.83	100.2	8.77	8.88	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.2	11.5	16.8	22.66	22.66	5 / 1			
reaction time	0.160	interval		5.30	5.30	5.86		# of strides	11.50	11.16	0.34
wind	1.9 m/s	velocity	8.06	9.43	9.43	8.53	8.83	92.0	8.70	8.96	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Weltklasse (Zürich, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time	6.38	11.51	16.88	22.66	22.66	3 / 6			
reaction time	0.148	interval		5.13	5.37	5.78		# of strides	11.51	11.15	0.36
wind	-0.9 m/s	velocity	7.84	9.75	9.31	8.65	8.83	104.0	8.69	8.97	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.63		22.66	22.66	5 / 4			
reaction time	0.162	interval				11.03		# of strides	11.63	11.03	0.60

wind	-0.4 m/s	velocity		8.60		9.07	8.83	94.7	8.60	9.07	

Davis, Tamari (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.18	11.40	16.78	22.66	22.66	5 / 3			
reaction time		interval		5.22	5.38	5.88		# of strides	11.40	11.26	0.14
wind	0.5 m/s	velocity	8.09	9.58	9.29	8.50	8.83	91.0	8.77	8.88	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.39	11.55	16.91	22.66	22.66	5 / 4			
reaction time	0.155	interval		5.16	5.36	5.75		# of strides	11.55	11.11	0.44
wind	0.1 m/s	velocity	7.82	9.69	9.33	8.70	8.83	102.0	8.66	9.00	

Zhirova, Marina (URS) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)								*Veney - 200m women from PJ*			
date	04-Oct-85	time		11.5		22.67	22.67	8 / 3			
reaction time		interval				11.17		# of strides	11.50	11.17	0.33
wind	-0.7 m/s	velocity		8.70		8.95	8.82		8.70	8.95	

Davis-Thompson, Pauline (BAH) (196			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.61	11.77	17.10	22.67	22.67	8 / 7			
reaction time	0.320	interval		5.16	5.33	5.57	**PB**	# of strides	11.77	10.90	0.87
wind	1.7 m/s	velocity	7.56	9.69	9.38	8.98	8.82		8.50	9.17	

Georgieva, Nadezhda (BUL) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.44	11.53	16.93	22.67	22.67	3 / 5			
reaction time	0.231	interval		5.09	5.40	5.74		# of strides	11.53	11.14	0.39
wind	1.8 m/s	velocity	7.76	9.82	9.26	8.71	8.82		8.67	8.98	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.32	11.50	16.79	22.67	22.67	6 / ~~2~~ 1			
reaction time		interval		5.18	5.29	5.88		# of strides	11.50	11.17	0.33
wind	-0.3 m/s	velocity	7.91	9.65	9.45	8.50	8.82		8.70	8.95	

Fletcher, Sherry (GRN) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.6		22.7	22.67	/ 4			
reaction time		interval				11.10	**NR**	# of strides	11.60	11.10	0.50
wind	1.7 m/s	velocity		8.62		9.01	8.82		8.62	9.01	

Mboma, Christine (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Josef Odložil Memorial (Prague, CZE)								*Vazel (2021) - https://twitter.com/pjvazel/status/1401965630484529154?s=21*			
date	07-Jun-21	time	6.8	12.0	17.3	22.67	22.67	5 / 1			
reaction time	0.166	interval		5.20	5.30	5.37	**NR PB**	# of strides	12.00	10.67	1.33
wind	1.2 m/s	velocity	7.35	9.62	9.43	9.31	8.82	98.0	8.33	9.37	

Hemida, Bassant (EGY) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.33	11.52	16.87	22.67	22.67	3 / 5			
reaction time	0.167	interval		5.19	5.35	5.80		# of strides	11.52	11.15	0.37
wind	0.8 m/s	velocity	7.90	9.63	9.35	8.62	8.82	101.7	8.68	8.97	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.20	11.32	16.73	22.67	22.67	8 / 5			
reaction time	0.173	interval		5.12	5.41	5.94		# of strides	11.32	11.35	-0.03
wind	-0.4 m/s	velocity	8.06	9.77	9.24	8.42	8.82	94.0	8.83	8.81	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2023) - diamond league race analysis*			
date	21-Jul-23	time	6.29	11.33	16.78	22.67	22.67	6 / 7			
reaction time	0.200	interval		5.04	5.45	5.89		# of strides	11.33	11.34	-0.01

wind	0.2 m/s	velocity	7.95	9.92	9.17	8.49	8.82	88.2	8.83	8.82	

Williams, Bianca (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.62		22.67	22.67	7 / 3			
reaction time	0.167	interval				11.05		# of strides	11.62	11.05	0.57
wind	-0.4 m/s	velocity		8.61		9.05	8.82	98.5	8.61	9.05	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.61		22.67	22.67	6 / 4			
reaction time	0.156	interval				11.06		# of strides	11.61	11.06	0.55
wind	-0.3 m/s	velocity		8.61		9.04	8.82	96.0	8.61	9.04	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.55		22.67	22.67	9 / 4			
reaction time	0.159	interval				11.12	PB	# of strides	11.55	11.12	0.43
wind	-0.1 m/s	velocity		8.66		8.99	8.82	94.7	8.66	8.99	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.36	11.40	16.78	22.67	22.67	6 / 6			
reaction time	0.168	interval		5.04	5.38	5.89		# of strides	11.40	11.27	0.13
wind	0.4 m/s	velocity	7.86	9.92	9.29	8.49	8.82	97.0	8.77	8.87	

Stecher, Renate (GDR) (1950)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1976 Olympic Games (Montreal, CAN)								*Lamare (1976) - les jeux de la XXI olympia, Montreal 1976*			
date	28-Jul-76	time		11.50		22.68	22.68	1 / 1			
reaction time		interval				11.18		# of strides	11.50	11.18	0.32
wind	0.0 m/s	velocity		8.70		8.94	8.82		8.70	8.94	

Helten, Inge (FRG) (1950)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Breizer (1984) - sprint competition analysis*			
date	28-Jul-76	time		11.45	17.02	22.68	22.68	7 / 5			
reaction time		interval			5.57	5.66		# of strides	11.45	11.23	0.22
wind	0.0 m/s	velocity		8.73	8.98	8.83	8.82		8.73	8.90	

Nuneva, Anelia (BUL) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)								*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	14-Aug-83	time		11.58	16.94	22.68	22.68	5 / 6			
reaction time	0.201	interval			5.36	5.74	PB	# of strides	11.58	11.10	0.48
wind	1.5 m/s	velocity		8.64	9.33	8.71	8.82	100.5	8.64	9.01	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)								*Track Newsletter (2000) - US olympic trials*			
date	23-Jul-00	time		11.5		22.7	22.68	8 / 4			
reaction time		interval				11.2		# of strides	11.50	11.20	0.30
wind	0.5 m/s	velocity		8.70		8.93	8.82		8.70	8.93	

Safronnikova, Natallia (BLR) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-01	time	6.38	11.48	16.82	22.68	22.68	/ 1			
reaction time	0.139	interval		5.10	5.34	5.86	NR	# of strides	11.48	11.20	0.28
wind	0.3 m/s	velocity	7.84	9.80	9.36	8.53	8.82		8.71	8.93	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.37	11.54	16.83	22.68	22.68	6 / 1			
reaction time		interval		5.17	5.29	5.85		# of strides	11.54	11.14	0.40
wind	0.5 m/s	velocity	7.85	9.67	9.45	8.55	8.82	88.2	8.67	8.98	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.49	11.57	16.95	22.68	22.68	6 / 1			
reaction time		interval		5.08	5.38	5.73		# of strides	11.57	11.11	0.46

wind	1.6 m/s	velocity	7.70	9.84	9.29	8.73	8.82		8.64	9.00	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Olympic Games (Beijing, CHN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	21-Aug-08	time		11.50		22.68	22.68	3 / 8			
reaction time	0.206	interval				11.18		# of strides	11.50	11.18	0.32
wind	0.6 m/s	velocity		8.70		8.94	8.82	98.0	8.70	8.94	

Richards-Ross, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 USATF National Championships (Eugene, OR)								*Track Newsletter (2011) - USATF women's championships*			
date	26-Jun-11	time		11.9		22.7	22.68	/ ~~8~~ 7			
reaction time		interval				10.80		# of strides	11.90	10.80	1.10
wind	1.0 m/s	velocity		8.40		9.26	8.82		8.40	9.26	

Scott, Aurieyall (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	30-Jun-12	time		11.5		22.68	22.68	2 / 8			
reaction time	0.192	interval				11.18		# of strides	11.50	11.18	0.32
wind	1.0 m/s	velocity		8.70		8.94	8.82		8.70	8.94	

Jones, Mahagony (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 NCAA Championships (Eugene, OR)								*Track Newsletter (2014) - NCAA women's championships*			
date	14-Jun-14	time		11.8		22.7	22.68	/ 4			
reaction time		interval				10.90		# of strides	11.80	10.90	0.90
wind	2.2 m/s	velocity		8.47		9.17	8.82		8.47	9.17	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 USATF National Championships (Sacramento, CA)								*Track Newsletter (2017) - USATF championships women*			
date	25-Jun-17	time		11.5		22.7	22.68	/ 5			
reaction time		interval				11.20		# of strides	11.50	11.20	0.30
wind	-2.5 m/s	velocity		8.70		8.93	8.82		8.70	8.93	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)								*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	6.30	11.35	16.68	22.68	22.68	5 / 7			
reaction time	0.179	interval		5.05	5.33	6.00		# of strides	11.35	11.33	0.02
wind	0.3 m/s	velocity	7.94	9.90	9.38	8.33	8.82	97.0	8.81	8.83	

Jamison, Jayla (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.47	11.69	17.04	22.68	22.68	6 / 6			
reaction time		interval		5.22	5.35	5.64		# of strides	11.69	10.99	0.70
wind	1.4 m/s	velocity	7.73	9.58	9.35	8.87	8.82	98.7	8.55	9.10	

Leduc, Audrey (CAN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.32	11.41	16.81	22.68	22.68	5 / 6			
reaction time	0.198	interval		5.09	5.40	5.87		# of strides	11.41	11.27	0.14
wind	0.0 m/s	velocity	7.91	9.82	9.26	8.52	8.82	95.7	8.76	8.87	

Boone, Rachael (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2004 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.32	11.47	16.83	22.69	22.69	6 / ~~3~~ 2			
reaction time		interval		5.15	5.36	5.86		# of strides	11.47	11.22	0.25
wind	0.5 m/s	velocity	7.91	9.71	9.33	8.53	8.81		8.72	8.91	

Boone, Rachael (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.34	11.58	16.90	22.69	22.69	2 / ~~6~~ 5			
reaction time		interval		5.24	5.32	5.79		# of strides	11.58	11.11	0.47
wind	-1.2 m/s	velocity	7.89	9.54	9.40	8.64	8.81	96.7	8.64	9.00	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	6.48	11.63	16.94	22.69	22.69	5 / 2			
reaction time	0.182	interval		5.15	5.31	5.75		# of strides	11.63	11.06	0.57

wind	0.1 m/s	velocity	7.72	9.71	9.42	8.70	8.81		8.60	9.04	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.42	11.50	16.86	22.69	22.69	7 / 1			
reaction time	0.193	interval		5.08	5.36	5.83		# of strides	11.50	11.19	0.31
wind	0.1 m/s	velocity	7.79	9.84	9.33	8.58	8.81		8.70	8.94	

Lalova-Collio, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Olympic Games (Río de Janeiro, BRA)								*Butler (2021) - athletics statistics book: games of the XXXII Olympiad- Tokyo 2020*			
date	17-Aug-16	time		11.3		22.69	22.69	8 / 8			
reaction time	0.104	interval				11.39		# of strides	11.30	11.39	-0.09
wind	-0.1 m/s	velocity		8.85		8.78	8.81	98.0	8.85	8.78	

Miller-Uibo, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	08-Aug-17	time	6.44	11.63	16.91	22.69	22.69	5 / 1			
reaction time	0.173	interval		5.19	5.28	5.78		# of strides	11.63	11.06	0.57
wind	-0.1 m/s	velocity	7.76	9.63	9.47	8.65	8.81	88.7	8.60	9.04	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.4	11.6	17.0	22.69	22.69	6 / 1			
reaction time	0.144	interval		5.2	5.4	5.69		# of strides	11.60	11.09	0.51
wind	1.0 m/s	velocity	7.81	9.62	9.26	8.79	8.81	90.5	8.62	9.02	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	6.28	11.41	16.77	22.69	22.69	5 / 1			
reaction time	0.156	interval		5.13	5.36	5.92		# of strides	11.41	11.28	0.13
wind	-2.0 m/s	velocity	7.96	9.75	9.33	8.45	8.81	96.0	8.76	8.87	

Joseph, Gémima (FRA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.25	11.42	16.88	22.69	22.69	4 / 7			
reaction time	0.132	interval		5.17	5.46	5.81		# of strides	11.42	11.27	0.15
wind	0.0 m/s	velocity	8.00	9.67	9.16	8.61	8.81	98.0	8.76	8.87	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.39	11.55	16.91	22.70	22.70	7 / 1			
reaction time		interval		5.16	5.36	5.79		# of strides	11.55	11.15	0.40
wind	-1.2 m/s	velocity	7.82	9.69	9.33	8.64	8.81		8.66	8.97	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.32	11.48	16.76	22.70	22.70	8 / ~~7~~ 6			
reaction time		interval		5.16	5.28	5.94		# of strides	11.48	11.22	0.26
wind	-1.2 m/s	velocity	7.91	9.69	9.47	8.42	8.81	95.7	8.71	8.91	

Hodge, Virgil (SKN) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.5		22.7	22.70	/ 5			
reaction time		interval				11.20		# of strides	11.50	11.20	0.30
wind	1.7 m/s	velocity		8.70		8.93	8.81		8.70	8.93	

Richards, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	31-Aug-07	time		11.5		22.70	22.70	7 / 5			
reaction time	0.239	interval				11.20		# of strides	11.50	11.20	0.30
wind	1.7 m/s	velocity		8.70		8.93	8.81	95.2	8.70	8.93	

Stewart, Kerron (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	02-Sep-11	time		11.4		22.70	22.70	8 / 5			
reaction time	0.211	interval				11.30		# of strides	11.40	11.30	0.10

wind	-1.0 m/s	velocity		8.77		8.85	8.81	93.5	8.77	8.85	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2017 IAAF World Championships (London, GBR)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	08-Aug-17	time	6.28	11.37	16.79	22.70	22.70	4 / 1			
reaction time	0.192	interval		5.09	5.42	5.91		# of strides	11.37	11.33	0.04
wind	0.1 m/s	velocity	7.96	9.82	9.23	8.46	8.81	99.0	8.80	8.83	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.39	11.53	16.88	22.70	22.70	3 / 4			
reaction time	0.155	interval		5.14	5.35	5.82		# of strides	11.53	11.17	0.36
wind	0.2 m/s	velocity	7.82	9.73	9.35	8.59	8.81	102.0	8.67	8.95	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.21	11.34	16.73	22.70	22.70	5 / 4			
reaction time	0.152	interval		5.13	5.39	5.97		# of strides	11.34	11.36	-0.02
wind	-0.6 m/s	velocity	8.05	9.75	9.28	8.38	8.81	48.7	8.82	8.80	

Thomas, Lanae-Tava (JAM) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.28	11.47	16.86	22.70	22.70	2 / 2			
reaction time	0.151	interval		5.19	5.39	5.84		# of strides	11.47	11.23	0.24
wind	0.2 m/s	velocity	7.96	9.63	9.28	8.56	8.81	95.5	8.72	8.90	

Hodge, Adaejah (IVB) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.37	11.51	16.89	22.70	22.70	2 / 8			
reaction time	0.147	interval		5.14	5.38	5.81		# of strides	11.51	11.19	0.32
wind	0.0 m/s	velocity	7.85	9.73	9.29	8.61	8.81	103.0	8.69	8.94	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	06-Aug-24	time	6.37	11.54	16.95	22.70	22.70	3 / 8			
reaction time	0.162	interval		5.17	5.41	5.75		# of strides	11.54	11.16	0.38
wind	-0.6 m/s	velocity	7.85	9.67	9.24	8.70	8.81	94.5	8.67	8.96	

Eckert-Wöckel, Bärbel (GDR) (1955)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1976 Olympic Games (Montreal, CAN)								*Lamare (1976) - les jeux de la XXI olympia, Montreal 1976*			
date	28-Jul-76	time		11.52		22.71	22.71	5 / 1			
reaction time		interval				11.19		# of strides	11.52	11.19	0.33
wind	0.0 m/s	velocity		8.68		8.94	8.81		8.68	8.94	

Molokova, Marina (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)										*Veney - 200m women from PJ*	
date	29-Jun-86	time		11.45		22.71	22.71	8 / 4			
reaction time	0.281	interval				11.26		# of strides	11.45	11.26	0.19
wind	-0.8 m/s	velocity		8.73		8.88	8.81		8.73	8.88	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)										*Veney - 200m women from PJ*	
date	25-Aug-95	time		11.39	16.73	22.71	22.71	8 / ~~7~~ 6			
reaction time		interval			5.34	5.98		# of strides	11.39	11.32	0.07
wind	-2.2 m/s	velocity		8.78	9.36	8.36	8.81	95.0	8.78	8.83	

Smith, Rachelle (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.7		22.7	22.71	2 / 5			
reaction time		interval				11.00		# of strides	11.70	11.00	0.70
wind	0.4 m/s	velocity		8.55		9.09	8.81		8.55	9.09	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.32	11.34	16.72	22.71	22.71	5 / 2			
reaction time	0.154	interval		5.02	5.38	5.99		# of strides	11.34	11.37	-0.03

wind	0.3 m/s	velocity	7.91	9.96	9.29	8.35	8.81		8.82	8.80	

Richards-Ross, Sanya (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great CityGames (Manchester, GBR) (200m straightaway)										*Jalava (2012) - www.tilastopaja.org*	
date	20-May-12	time		11.63		22.71	22.71	3 / 1			
reaction time		interval				11.08		# of strides	11.63	11.08	0.55
wind	-0.3 m/s	velocity		8.60		4.40	8.81		8.60	9.03	

Stevens, Deajah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.26	16.64	22.55	22.71	6 / 2			
reaction time	0.155	interval			5.38	5.91		# of strides	11.26	11.29	-0.03
wind	-0.2 m/s	velocity		8.88	9.29	8.46	8.81	88.7	8.88	8.86	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	19-Jul-22	time		11.60		22.71	22.71	1 / 6			
reaction time	0.141	interval				11.11		# of strides	11.60	11.11	0.49
wind	2.0 m/s	velocity		8.62		9.00	8.81	101.5	8.62	9.00	

Terry, Twanisha (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	27-Jun-24	time	6.32	11.40	16.75	22.71	22.71	8 / 4			
reaction time		interval		5.08	5.35	5.96		# of strides	11.40	11.31	0.09
wind	0.1 m/s	velocity	7.91	9.84	9.35	8.39	8.81	100.2	8.77	8.84	

Cooper, Elise (USA) (2007)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.44	11.67	17.10	22.71	22.71	5 / 5			
reaction time		interval		5.23	5.43	5.61	**PB**	# of strides	11.67	11.04	0.63
wind	1.8 m/s	velocity	7.76	9.56	9.21	8.91	8.81	91.0	8.57	9.06	

Callender, Beverley (GBR) (1956)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)										*Veney - 200m women from PJ*	
date	30-Jul-80	time		11.82	17.08	22.72	22.72	5 / 6			
reaction time	0.171	interval			5.26	5.64	**PB**	# of strides	11.82	10.90	0.92
wind	1.4 m/s	velocity		8.46	9.51	8.87	8.80		8.46	9.17	

Bailey, Aleen (JAM) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)							*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date	31-Aug-07	time		11.4		22.72	22.72	4 / 6			
reaction time	0.191	interval				11.32		# of strides	11.40	11.32	0.08
wind	1.7 m/s	velocity		8.77		8.83	8.80	92.7	8.77	8.83	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*				
date	05-Jul-08	time	6.49	11.53	16.95	22.72	22.72	8 / 2			
reaction time		interval		5.04	5.42	5.77		# of strides	11.53	11.19	0.34
wind	1.6 m/s	velocity	7.70	9.92	9.23	8.67	8.80		8.67	8.94	

Stewart, Kerron (JAM) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)										*Graubner (2009) - http://www.fgs.uni-halle.de*	
date	13-Sep-08	time	6.41	11.51	16.88	22.72	22.72	4 / 3			
reaction time	0.162	interval		5.10	5.37	5.84		# of strides	11.51	11.21	0.30
wind	0.1 m/s	velocity	7.80	9.80	9.31	8.56	8.80		8.69	8.92	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.6		22.7	22.72	8 / 6			
reaction time	0.205	interval				11.10		# of strides	11.60	11.10	0.50
wind	-0.6 m/s	velocity		8.62		9.01	8.80	90.0	8.62	9.01	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)								*Omega Timing (2022) - diamond league race analysis*			
date	13-May-22	time	6.3	11.5	16.9	22.72	22.72	7 / 4			
reaction time	0.168	interval		5.20	5.40	5.82		# of strides	11.50	11.22	0.28

wind	1.3 m/s	velocity	7.94	9.62	9.26	8.59	8.80	100.0	8.70	8.91	

Chukwuma, Rosemary (NGR) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.48		22.72	22.72	2 / 7			
reaction time	0.204	interval				11.24		# of strides	11.48	11.24	0.24
wind	2.0 m/s	velocity		8.71		8.90	8.80	101.5	8.71	8.90	

Joseph, Gémima (FRA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.28	11.49	16.92	22.72	22.72	5 / 2			
reaction time	0.151	interval		5.21	5.43	5.80		# of strides	11.49	11.23	0.26
wind	1.4 m/s	velocity	7.96	9.60	9.21	8.62	8.80	98.0	8.70	8.90	

Adeleke, Rhasidat (IRL) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.39	11.59	17.02	22.72	22.72	5 / 2			
reaction time	0.175	interval		5.20	5.43	5.70		# of strides	11.59	11.13	0.46
wind	0.5 m/s	velocity	7.82	9.62	9.21	8.77	8.80	91.2	8.63	8.98	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.60	11.77	17.07	22.72	22.72	5 / 5			
reaction time	0.270	interval		5.17	5.30	5.65		# of strides	11.77	10.95	0.82
wind	1.1 m/s	velocity	7.58	9.67	9.43	8.85	8.80	93.7	8.50	9.13	

Kasprzyk, Ewa (POL) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Jun-86	time		11.43		22.73	22.73	5 / 5			
reaction time	0.224	interval				11.30		# of strides	11.43	11.30	0.13
wind	-0.8 m/s	velocity		8.75		8.85	8.80		8.75	8.85	

Gainsford-Taylor, Melinda (AUS) (197			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.24	11.30	16.68	22.58	22.73	2 / 7			
reaction time	0.150	interval		5.06	5.38	5.90		# of strides	11.30	11.28	0.02
wind	-0.7 m/s	velocity	8.01	9.88	9.29	8.47	8.80	94.2	8.85	8.87	

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.38	11.50	16.93	22.73	22.73	/ 1			
reaction time	0.141	interval		5.12	5.43	5.80		# of strides	11.50	11.23	0.27
wind	0.0 m/s	velocity	7.84	9.77	9.21	8.62	8.80		8.70	8.90	

Hurtis-Houairi, Muriel (FRA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	22-Sep-07	time	6.40	11.43	16.85	22.73	22.73	5 / 1			
reaction time		interval		5.03	5.42	5.88		# of strides	11.43	11.30	0.13
wind	0.5 m/s	velocity	7.81	9.94	9.23	8.50	8.80		8.75	8.85	

Duncan, Kimberlyn (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.35	16.72	22.55	22.73	4 / 2			
reaction time	0.183	interval			5.37	5.83		# of strides	11.35	11.20	0.15
wind	-0.2 m/s	velocity		8.81	9.31	8.58	8.80	99.6	8.81	8.93	

Asher-Smith, Dina (GBR) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.13	16.55	22.58	22.73	4 / 2			
reaction time	0.153	interval			5.42	6.03		# of strides	11.13	11.45	-0.32
wind	-0.2 m/s	velocity		8.98	9.23	8.29	8.80	97.4	8.98	8.73	

Fotopoulou, Oliva (CYP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.46		22.73	22.73	4 / 5			
reaction time	0.162	interval				11.27		# of strides	11.46	11.27	0.19

wind	-0.1 m/s	velocity		8.73		8.87	8.80	99.0	8.73	8.87	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.51		22.73	22.73	5 / ~~6~~			
reaction time	0.188	interval				11.22	DQ	# of strides	11.51	11.22	0.29
wind	-0.1 m/s	velocity		8.69		8.91	8.80	99.2	8.69	8.91	

Szewinska, Irena (POL) (1946)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.66	17.02	22.74	22.74	5 / 3			
reaction time		interval			5.36	5.72		# of strides	11.66	11.08	0.58
wind	1.1 m/s	velocity		8.58	9.33	8.74	8.80	89.2	8.58	9.03	

Edwards, Debra (USA) (1954)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 USA Olympic Trials (Eugene, OR)								*Hymans (2008) - history of the US olympic trials - track and field*			
date	24-Jun-76	time		11.8		22.8	22.74	/ 3			
reaction time		interval				11.0		# of strides	11.80	11.00	0.80
wind	2.3 m/s	velocity		8.47		9.09	8.80		8.47	9.09	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.25	11.43	16.78	22.74	22.74	7 / 1			
reaction time		interval		5.18	5.35	5.96		# of strides	11.43	11.31	0.12
wind	-0.6 m/s	velocity	8.00	9.65	9.35	8.39	8.80		8.75	8.84	

Woods, Shareese (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.8		22.7	22.74	/ 6			
reaction time		interval				10.90	PB	# of strides	11.80	10.90	0.90
wind	1.7 m/s	velocity		8.47		9.17	8.80		8.47	9.17	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	22-Sep-07	time	6.29	11.44	16.89	22.74	22.74	4 / 2			
reaction time		interval		5.15	5.45	5.85		# of strides	11.44	11.30	0.14
wind	0.5 m/s	velocity	7.95	9.71	9.17	8.55	8.80		8.74	8.85	

Knight, Bianca (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.35	11.50	16.85	22.74	22.74	5 / 1			
reaction time		interval		5.15	5.35	5.89		# of strides	11.50	11.24	0.26
wind	0.0 m/s	velocity	7.87	9.71	9.35	8.49	8.80		8.70	8.90	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.57	11.69	16.93	22.74	22.74	5 / 1			
reaction time		interval		5.12	5.24	5.81		# of strides	11.69	11.05	0.64
wind	0.0 m/s	velocity	7.61	9.77	9.54	8.61	8.80		8.55	9.05	

Jones-Ferrette, LaVerne (ISV) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.18	11.26	16.67	22.74	22.74	8 / 3			
reaction time	0.151	interval		5.08	5.41	6.07		# of strides	11.26	11.48	-0.22
wind	0.3 m/s	velocity	8.09	9.84	9.24	8.24	8.80		8.88	8.71	

Miller, Shaunae (BAH) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.7		22.7	22.74	7 / 4			
reaction time	0.146	interval				11.00		# of strides	11.70	11.00	0.70
wind	-0.3 m/s	velocity		8.55		9.09	8.80	90.2	8.55	9.09	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 USATF National Championships (Eugene, OR)								*Track Newsletter (2015) - USATF women's championships*			
date	28-Jun-14	time		11.5		22.7	22.74	/ 8			
reaction time		interval				11.20		# of strides	11.50	11.20	0.30

wind	0.4 m/s	velocity		8.70		8.93	8.80			8.70	8.93

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)								*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time	6.34	11.57	16.99	22.74	22.74	6 / 2			
reaction time	0.151	interval		5.23	5.42	5.75		# of strides	11.57	11.17	0.40
wind	1.3 m/s	velocity	7.89	9.56	9.23	8.70	8.80	99.0	8.64	8.95	

Suarez, Gabriela Anahi (ECU) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.39		22.74	22.74	3 / 4			
reaction time	0.142	interval				11.35	**NR PB**	# of strides	11.39	11.35	0.04
wind	-0.1 m/s	velocity		8.78		8.81	8.80	99.7	8.78	8.81	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.46	11.60	16.98	22.74	22.74	9 / 2			
reaction time	0.160	interval		5.14	5.38	5.76		# of strides	11.60	11.14	0.46
wind	0.0 m/s	velocity	7.74	9.73	9.29	8.68	8.80	94.0	8.62	8.98	

Streidt, Ellen (GDR) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.64	17.04	22.75	22.75	3 / 4			
reaction time		interval			5.40	5.71		# of strides	11.64	11.11	0.53
wind	1.1 m/s	velocity		8.59	9.26	8.76	8.79	102.2	8.59	9.00	

Levorato, Manuela (ITA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.39	11.55	16.92	22.75	22.75	5 / 3			
reaction time	0.145	interval		5.16	5.37	5.83		# of strides	11.55	11.20	0.35
wind	-0.3 m/s	velocity	7.82	9.69	9.31	8.58	8.79		8.66	8.93	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.29	11.51	16.90	22.75	22.75	6 / 2			
reaction time		interval		5.22	5.39	5.85		# of strides	11.51	11.24	0.27
wind	-0.1 m/s	velocity	7.95	9.58	9.28	8.55	8.79		8.69	8.90	

Gushchina, Yuliya (RUS) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.4		22.8	22.75	8 / 6			
reaction time	0.166	interval				11.40		# of strides	11.40	11.40	0.00
wind	0.2 m/s	velocity		8.77		8.77	8.79	90.2	8.77	8.77	

Williams, Jodie (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.4	11.5	16.9	22.75	22.75	4 / 2			
reaction time	0.142	interval		5.1	5.4	5.85		# of strides	11.50	11.25	0.25
wind	1.0 m/s	velocity	7.81	9.80	9.26	8.55	8.79	95.2	8.70	8.89	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.2	11.4	16.9	22.75	22.75	3 / 4			
reaction time	0.128	interval		5.20	5.50	5.85		# of strides	11.40	11.35	0.05
wind	0.7 m/s	velocity	8.06	9.62	9.09	8.55	8.79	101.0	8.77	8.81	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.60		22.75	22.75	4 / 3			
reaction time	0.143	interval				11.15		# of strides	11.60	11.15	0.45
wind	2.5 m/s	velocity		8.62		8.97	8.79	97.0	8.62	8.97	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.61		22.75	22.75	2 / ~~7~~ 6			
reaction time	0.151	interval				11.14		# of strides	11.61	11.14	0.47

wind	-0.1 m/s	velocity		8.61		8.98	8.79	97.0	8.61	8.98	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.31	11.38	16.84	22.75	22.75	3 / 3			
reaction time	0.153	interval		5.07	5.46	5.91		# of strides	11.38	11.37	0.01
wind	0.0 m/s	velocity	7.92	9.86	9.16	8.46	8.79	101.7	8.79	8.80	

Boyd, Denise (AUS) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)								*Брейзер (1984) - соребнобательная деятельность спринтероб*			
date	30-Jul-80	time		11.66	17.05	22.76	22.76	4 / 7			
reaction time	0.144	interval			5.39	5.71		# of strides	11.66	11.10	0.56
wind	1.4 m/s	velocity		8.58	9.28	8.76	8.79		8.58	9.01	

Mondie-Milner, Celena (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.31	11.61	16.96	22.76	22.76	4 / 3			
reaction time		interval		5.30	5.35	5.80		# of strides	11.61	11.15	0.46
wind	2.3 m/s	velocity	7.92	9.43	9.35	8.62	8.79		8.61	8.97	

Colander, LaTasha (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)								*Track Newsletter (2000) - US olympic trials*			
date	23-Jul-00	time		11.8		22.8	22.76	2 / 5			
reaction time		interval				11.0		# of strides	11.80	11.00	0.80
wind	0.5 m/s	velocity		8.47		9.09	8.79		8.47	9.09	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.37	11.44	16.82	22.76	22.76	7 / 1			
reaction time	0.163	interval		5.07	5.38	5.94		# of strides	11.44	11.32	0.12
wind	0.1 m/s	velocity	7.85	9.86	9.29	8.42	8.79		8.74	8.83	

Brown, Aaliyah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)								*Track Newsletter (2015) - NCAA women's championships*			
date	13-Jun-15	time		11.7		22.8	22.76	/ 6			
reaction time		interval				11.10	**PB**	# of strides	11.70	11.10	0.60
wind	1.9 m/s	velocity		8.55		9.01	8.79		8.55	9.01	

Annelus, Angie (USA) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 NCAA Championships (Eugene, OR)								*Track Newsletter (2018) - NCAA women's championships*			
date	09-Jun-18	time		11.6		22.8	22.76	/ 1			
reaction time		interval				11.20		# of strides	11.60	11.20	0.40
wind	-2.3 m/s	velocity		8.62		8.93	8.79		8.62	8.93	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)								*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time	6.33	11.52	16.98	22.76	22.76	8 / 3			
reaction time	0.146	interval		5.19	5.46	5.78		# of strides	11.52	11.24	0.28
wind	1.3 m/s	velocity	7.90	9.63	9.16	8.65	8.79	89.6	8.68	8.90	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.26	11.33	16.74	22.76	22.76	3 / 6			
reaction time	0.187	interval		5.07	5.41	6.02		# of strides	11.33	11.43	-0.10
wind	-0.4 m/s	velocity	7.99	9.86	9.24	8.31	8.79	97.0	8.83	8.75	

Takács, Boglárka (HUN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.40	11.51	16.88	22.76	22.76	7 / 1			
reaction time	0.154	interval		5.11	5.37	5.88		# of strides	11.51	11.25	0.26
wind	0.9 m/s	velocity	7.81	9.78	9.31	8.50	8.79		8.69	8.89	

Whittaker, Isabella (USA) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.49	11.79	17.21	22.76	22.76	3 / 3			
reaction time	0.170	interval		5.30	5.42	5.55	**PB**	# of strides	11.79	10.97	0.82

wind	1.0 m/s	velocity	7.70	9.43	9.23	9.01	8.79	95.5	8.48	9.12	

Burkett, Aspen (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)									*USATF Women's Sprint Development (1995)*		
date	18-Jun-95	time	6.37	11.68	17.06	22.77	22.77	6 / 4			
reaction time		interval		5.31	5.38	5.71		# of strides	11.68	11.09	0.59
wind	2.3 m/s	velocity	7.85	9.42	9.29	8.76	8.78		8.56	9.02	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)									*USATF Women's Sprint Development (2003)*		
date	22-Jun-03	time	6.46	11.60	16.95	22.77	22.77	3 / ~~5~~ 4			
reaction time		interval		5.14	5.35	5.82		# of strides	11.60	11.17	0.43
wind	0.0 m/s	velocity	7.74	9.73	9.35	8.59	8.78		8.62	8.95	

Moore, Connie (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)									*USATF Women's Sprint Development (2004)*		
date	17-Jul-04	time	6.49	11.55	16.94	22.77	22.77	7 / 2			
reaction time		interval		5.06	5.39	5.83		# of strides	11.55	11.22	0.33
wind	-1.1 m/s	velocity	7.70	9.88	9.28	8.58	8.78		8.66	8.91	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)									*USATF Women's Sprint Development (2006)*		
date	25-Jun-06	time	6.50	11.66	17.10	22.77	22.77	4 / 4			
reaction time		interval		5.16	5.44	5.67		# of strides	11.66	11.11	0.55
wind	0.3 m/s	velocity	7.69	9.69	9.19	8.82	8.78		8.58	9.00	

Barber, Mikele (USA) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)									*Track Newsletter (2005) - World championships- women*		
date	24-Jun-07	time		11.7		22.8	22.77	3 / 6			
reaction time		interval				11.10		# of strides	11.70	11.10	0.60
wind	0.4 m/s	velocity		8.55		9.01	8.78		8.55	9.01	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)									*Omega Timing (2022) - diamond league race analysis*		
date	28-May-22	time	6.24	11.29	16.73	22.77	22.77	7 / 4			
reaction time	0.170	interval		5.05	5.44	6.04		# of strides	11.29	11.48	-0.19
wind	1.3 m/s	velocity	8.01	9.90	9.19	8.28	8.78	99.0	8.86	8.71	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)									*Omega Timing (2022) - diamond league race analysis*		
date	28-May-22	time	6.21	11.42	16.87	22.77	22.77	2 / 5			
reaction time	0.140	interval		5.21	5.45	5.90		# of strides	11.42	11.35	0.07
wind	1.3 m/s	velocity	8.05	9.60	9.17	8.47	8.78	102.5	8.76	8.81	

Williams, Bianca (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.45	11.66	17.05	22.77	22.77	3 / 3			
reaction time	0.183	interval		5.21	5.39	5.72		# of strides	11.66	11.11	0.55
wind	0.2 m/s	velocity	7.75	9.60	9.28	8.74	8.78	100.0	8.58	9.00	

Thomas, Lanae-Tava (JAM) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	05-Aug-24	time	6.23	11.39	16.83	22.77	22.77	9 / 5			
reaction time	0.157	interval		5.16	5.44	5.94		# of strides	11.39	11.38	0.01
wind	0.1 m/s	velocity	8.03	9.69	9.19	8.42	8.78	96.0	8.78	8.79	

Pryce, Nickisha (JAM) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)									*Grand Slam Track (2025) - results and splits by race*		
date	04-May-25	time	6.36	11.63	17.01	22.77	22.77	7 / 4			
reaction time	0.230	interval		5.27	5.38	5.76		# of strides	11.63	11.14	0.49
wind	1.0 m/s	velocity	7.86	9.49	9.29	8.68	8.78	92.5	8.60	8.98	

Bacoul, Rose-Aimée (FRA) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)									*Vogel (1984) - olympische spiele in los angeles*		
date	09-Aug-84	time		11.48		22.78	22.78	6 / 7			
reaction time	0.256	interval				11.30		# of strides	11.48	11.30	0.18

wind	0.1 m/s	velocity		8.71		8.85	8.78			8.71	8.85

Félix, Sylviane (FRA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.48	11.69	17.04	22.78	22.78	/ 2			
reaction time	0.172	interval		5.21	5.35	5.74		# of strides	11.69	11.09	0.60
wind	0.0 m/s	velocity	7.72	9.60	9.35	8.71	8.78		8.55	9.02	

Baptiste, Kelly-Ann (TTO) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	10-Jun-06	time		11.8		22.8	22.78	/ 3			
reaction time		interval				11.00		# of strides	11.80	11.00	0.80
wind	0.8 m/s	velocity		8.47		9.09	8.78		8.47	9.09	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	22-Sep-07	time	6.40	11.52	16.93	22.78	22.78	3 / 3			
reaction time		interval		5.12	5.41	5.85		# of strides	11.52	11.26	0.26
wind	0.5 m/s	velocity	7.81	9.77	9.24	8.55	8.78		8.68	8.88	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)									*Track Newsletter (2013) - world championships women*		
date	16-Aug-13	time		11.5		22.8	22.78	1 / 5			
reaction time	0.161	interval				11.30		# of strides	11.50	11.30	0.20
wind	-0.3 m/s	velocity		8.70		8.85	8.78	94.5	8.70	8.85	

van Hunenstijn, Marije (NED) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)									*Omega Timing (2021) - diamond league race analysis*		
date	26-Aug-21	time	6.5	11.8	17.1	22.78	22.78	4 / 1			
reaction time	0.162	interval		5.30	5.30	5.68		# of strides	11.80	10.98	0.82
wind	2.5 m/s	velocity	7.69	9.43	9.43	8.80	8.78	93.7	8.47	9.11	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)									*Omega Timing (2022) - diamond league race analysis*		
date	13-May-22	time	6.4	11.6	16.9	22.78	22.78	3 / 5			
reaction time	0.123	interval		5.20	5.30	5.88		# of strides	11.60	11.18	0.42
wind	1.3 m/s	velocity	7.81	9.62	9.43	8.50	8.78	89.5	8.62	8.94	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	18-Jul-22	time		11.53		22.78	22.78	5 / 4			
reaction time	0.151	interval				11.25		# of strides	11.53	11.25	0.28
wind	0.4 m/s	velocity		8.67		8.89	8.78	102.2	8.67	8.89	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)									*Seiko Timing (2023) - world championship race analysis*		
date	23-Aug-23	time		11.82		22.78	22.78	5 / 3			
reaction time	0.198	interval				10.96		# of strides	11.82	10.96	0.86
wind	-0.4 m/s	velocity		8.46		9.12	8.78	91.0	8.46	9.12	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Weltklasse (Zürich, SUI)									*Omega Timing (2023) - diamond league race analysis*		
date	31-Aug-23	time	6.35	11.42	16.85	22.78	22.78	1 / 7			
reaction time	0.176	interval		5.07	5.43	5.93		# of strides	11.42	11.36	0.06
wind	-0.8 m/s	velocity	7.87	9.86	9.21	8.43	8.78	97.2	8.76	8.80	

Madogo, Jacqueline (CAN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.53	11.71	17.07	22.78	22.78	8 / 4			
reaction time	0.157	interval		5.18	5.36	5.71	**PB**	# of strides	11.71	11.07	0.64
wind	0.0 m/s	velocity	7.66	9.65	9.33	8.76	8.78	93.5	8.54	9.03	

Brown, Aaliyah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)									*Track Newsletter (2017) - NCAA women's championships*		
date	10-Jun-17	time		11.6		22.8	22.79	/ 4			
reaction time		interval				11.20		# of strides	11.60	11.20	0.40

wind	1.1 m/s	velocity		8.62		8.93	8.78			8.62	8.93	

Bryant, Dezerea (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.3	11.5	16.9	22.79	22.79	2 / 5			
reaction time	0.148	interval		5.20	5.40	5.89		# of strides	11.50	11.29	0.21
wind	0.7 m/s	velocity	7.94	9.62	9.26	8.49	8.78	103.0	8.70	8.86	

Pereira, Shanti Veronica (SGP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.62		22.79	22.79	9 / 6			
reaction time	0.174	interval				11.17		# of strides	11.62	11.17	0.45
wind	-0.2 m/s	velocity		8.61		8.95	8.78	98.0	8.61	8.95	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.31	11.46	16.94	22.79	22.79	3 / 5			
reaction time	0.182	interval		5.15	5.48	5.85		# of strides	11.46	11.33	0.13
wind	0.2 m/s	velocity	7.92	9.71	9.12	8.55	8.78	99.7	8.73	8.83	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.40	11.60	16.94	22.79	22.79	6 / 3			
reaction time	0.144	interval		5.20	5.34	5.85	**NR PB**	# of strides	11.60	11.19	0.41
wind	1.4 m/s	velocity	7.81	9.62	9.36	8.55	8.78	97.5	8.62	8.94	

Jackson, Shericka (JAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.38	11.52	16.91	22.79	22.79	6 / 2			
reaction time	0.160	interval		5.14	5.39	5.88		# of strides	11.52	11.27	0.25
wind	0.4 m/s	velocity	7.84	9.73	9.28	8.50	8.78	97.5	8.68	8.87	

Lannaman, Sonia (GBR) (1956)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1980 Olympic Games (Moscow, URS)										*Veney - 200m women from PJ*	
date	30-Jul-80	time		11.81	17.16	22.80	22.80	2 / 8			
reaction time	0.154	interval			5.35	5.64		# of strides	11.81	10.99	0.82
wind	1.4 m/s	velocity		8.47	9.35	8.87	8.77		8.47	9.10	

Collins, Michelle (USA) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)									*Track Newsletter (2000) - US olympic trials*		
date	23-Jul-00	time		11.6		22.8	22.80	4 / 6			
reaction time		interval				11.2		# of strides	11.60	11.20	0.40
wind	0.5 m/s	velocity		8.62		8.93	8.77		8.62	8.93	

Ferguson, Debbie (BAH) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 Goodwill Games (Brisbane, AUS)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	05-Sep-01	time		11.4		22.8	22.80	/ 1			
reaction time		interval				11.4		# of strides	11.40	11.40	0.00
wind	-1.8 m/s	velocity		8.77		8.77	8.77		8.77	8.77	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.46	11.54	16.95	22.80	22.80	4 / 4			
reaction time	0.202	interval		5.08	5.41	5.85		# of strides	11.54	11.26	0.28
wind	0.3 m/s	velocity	7.74	9.84	9.24	8.55	8.77		8.67	8.88	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.27	11.39	16.80	22.80	22.80	7 / 6			
reaction time	0.163	interval		5.12	5.41	6.00		# of strides	11.39	11.41	-0.02
wind	-0.1 m/s	velocity	7.97	9.77	9.24	8.33	8.77		8.78	8.76	

Townsend, Tiffany (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.6		22.8	22.80	2 / 7			
reaction time	0.230	interval				11.20		# of strides	11.60	11.20	0.40

wind	-0.6 m/s	velocity		8.62		8.93	8.77	97.7	8.62	8.93	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)								*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time	6.26	11.43	16.88	22.80	22.80	3 / 6			
reaction time	0.147	interval		5.17	5.45	5.92		# of strides	11.43	11.37	0.06
wind	1.3 m/s	velocity	7.99	9.67	9.17	8.45	8.77	101.0	8.75	8.80	

Mboma, Christine (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	06-Aug-22	time	6.3	11.6	17.0	22.80	22.80	4 / 3			
reaction time	0.156	interval		5.30	5.40	5.80		# of strides	11.60	11.20	0.40
wind	0.6 m/s	velocity	7.94	9.43	9.26	8.62	8.77	97.0	8.62	8.93	

Karstoft, Ida (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.45	11.61	16.99	22.80	22.80	2 / 5			
reaction time	0.154	interval		5.16	5.38	5.81		# of strides	11.61	11.19	0.42
wind	0.2 m/s	velocity	7.75	9.69	9.29	8.61	8.77	90.2	8.61	8.94	

Karstoft, Ida (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Weltklasse (Zürich, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time	6.48	11.64	17.06	22.80	22.80	2 / 7			
reaction time	0.169	interval		5.16	5.42	5.74		# of strides	11.64	11.16	0.48
wind	-0.9 m/s	velocity	7.72	9.69	9.23	8.71	8.77	89.7	8.59	8.96	

Félix, Sylviane (FRA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 IAAF World Championships (Athens, GRE)								*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics*			
date	08-Aug-97	time	6.37	11.57	16.93	22.65	22.81	8 / 8			
reaction time	0.157	interval		5.20	5.36	5.72		# of strides	11.57	11.08	0.49
wind	-0.7 m/s	velocity	7.85	9.62	9.33	8.74	8.77		8.64	9.03	

Knight, Bianca (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.26	11.54	16.83	22.81	22.81	6 / 1			
reaction time		interval		5.28	5.29	5.98		# of strides	11.54	11.27	0.27
wind	-1.3 m/s	velocity	7.99	9.47	9.45	8.36	8.77		8.67	8.87	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.46	11.57	17.01	22.81	22.81	3 / 5			
reaction time	0.194	interval		5.11	5.44	5.80		# of strides	11.57	11.24	0.33
wind	0.3 m/s	velocity	7.74	9.78	9.19	8.62	8.77		8.64	8.90	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.6		22.8	22.81	2 / 6			
reaction time	0.155	interval				11.20		# of strides	11.60	11.20	0.40
wind	-0.3 m/s	velocity		8.62		8.93	8.77	96.2	8.62	8.93	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.5	11.7	17.1	22.81	22.81	3 / 3			
reaction time	0.147	interval		5.2	5.4	5.71		# of strides	11.70	11.11	0.59
wind	1.0 m/s	velocity	7.69	9.62	9.26	8.76	8.77	86.7	8.55	9.00	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.4	11.5	16.9	22.81	22.81	7 / 4			
reaction time	0.173	interval		5.1	5.4	5.91		# of strides	11.50	11.31	0.19
wind	0.4 m/s	velocity	7.81	9.80	9.26	8.46	8.77	94.5	8.70	8.84	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.29	11.47	16.93	22.81	22.81	9 / 6			
reaction time	0.150	interval		5.18	5.46	5.88		# of strides	11.47	11.34	0.13

wind	0.2 m/s	velocity	7.95	9.65	9.16	8.50	8.77	94.0	8.72	8.82	

Madogo, Jacqueline (CAN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.45	11.66	17.05	22.81	22.81	3 / 7			
reaction time	0.161	interval		5.21	5.39	5.76		# of strides	11.66	11.15	0.51
wind	0.2 m/s	velocity	7.75	9.60	9.28	8.68	8.77	93.5	8.58	8.97	

Ta Lou-Smith, Marie-Josée (CIV) (198			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.35	11.49	16.85	22.81	22.81	4 / ~~4~~			
reaction time	0.166	interval		5.14	5.36	5.96	DQ	# of strides	11.49	11.32	0.17
wind	0.2 m/s	velocity	7.87	9.73	9.33	8.39	8.77	97.0	8.70	8.83	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Canberra, AUS)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		11.56	17.00	22.82	22.82	/ 2			
reaction time	0.253	interval			5.44	5.82		# of strides	11.56	11.26	0.30
wind	0.2 m/s	velocity		8.65	9.19	8.59	8.76		8.65	8.88	

Woods, Shareese (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.8		22.8	22.82	8 / 7			
reaction time		interval				11.00		# of strides	11.80	11.00	0.80
wind	0.4 m/s	velocity		8.47		9.09	8.76		8.47	9.09	

Whitney, Kaylin (USA) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)								*Track Newsletter (2014) - World Junior championships women*			
date	25-Jul-14	time		11.5		22.8	22.82	3 / 1			
reaction time	0.182	interval				11.30		# of strides	11.50	11.30	0.20
wind	2.4 m/s	velocity		8.70		8.85	8.76		8.70	8.85	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.28	11.43	16.86	22.82	22.82	4 / 6			
reaction time	0.165	interval		5.15	5.43	5.96		# of strides	11.43	11.39	0.04
wind	0.2 m/s	velocity	7.96	9.71	9.21	8.39	8.76	102.2	8.75	8.78	

Hodge, Adaejah (IVB) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.66		22.82	22.82	6 / 4			
reaction time	0.151	interval				11.16		# of strides	11.66	11.16	0.50
wind	-0.4 m/s	velocity		8.58		8.96	8.76	101.0	8.58	8.96	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.02	11.37	16.71	22.82	22.82	9 / 3			
reaction time		interval		5.35	5.34	6.11		# of strides	11.37	11.45	-0.08
wind	0.2 m/s	velocity	8.31	9.35	9.36	8.18	8.76	100.0	8.80	8.73	

Boone, Rachael (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2004 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.35	11.57	16.91	22.83	22.83	6 / 2			
reaction time		interval		5.22	5.34	5.92		# of strides	11.57	11.26	0.31
wind	-0.6 m/s	velocity	7.87	9.58	9.36	8.45	8.76		8.64	8.88	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.52	11.78	17.05	22.83	22.83	4 / 3			
reaction time		interval		5.26	5.27	5.78		# of strides	11.78	11.05	0.73
wind	-0.6 m/s	velocity	7.67	9.51	9.49	8.65	8.76		8.49	9.05	

Hurtis-Houairi, Muriel (FRA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-07	time		11.49	16.91	22.83	22.83	/ 1			
reaction time	0.142	interval			5.42	5.92		# of strides	11.49	11.34	0.15

wind	-2.0 m/s	velocity		8.70	9.23	8.45	8.76		8.70	8.82	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	19-Aug-09	time	6.34	11.48	16.87	22.83	22.83	8 / 1			
reaction time	0.170	interval		5.14	5.39	5.96		# of strides	11.48	11.35	0.13
wind	0.3 m/s	velocity	7.89	9.73	9.28	8.39	8.76		8.71	8.81	

Artymata, Eleni (CYP) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	19-Aug-09	time	6.45	11.57	16.98	22.83	22.83	2 / 3			
reaction time	0.162	interval		5.12	5.41	5.85	**NR**	# of strides	11.57	11.26	0.31
wind	0.3 m/s	velocity	7.75	9.77	9.24	8.55	8.76		8.64	8.88	

Lucas, Porscha (USA) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 NCAA Championships (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*				
date	12-Jun-10	time		11.6		22.8	22.83	/ 1			
reaction time		interval				11.20		# of strides	11.60	11.20	0.40
wind	1.2 m/s	velocity		8.62		8.93	8.76		8.62	8.93	

Francis, Phyllis (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 USATF National Championships (Des Moines, IA)							*Track Newsletter (2018) - USATF championships women*				
date	24-Jun-18	time		11.6		22.8	22.83	/ 2			
reaction time		interval				11.20		# of strides	11.60	11.20	0.40
wind	-1.0 m/s	velocity		8.62		8.93	8.76		8.62	8.93	

Okagbare, Blessing (NGR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)							*Omega Timing (2019) - diamond league race analysis*				
date	18-Aug-19	time	6.4	11.6	17.0	22.83	22.83	8 / 5			
reaction time	0.178	interval		5.2	5.4	5.83		# of strides	11.60	11.23	0.37
wind	0.4 m/s	velocity	7.81	9.62	9.26	8.58	8.76	92.7	8.62	8.90	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)							*Omega Timing (2023) - diamond league race analysis*				
date	21-Jul-23	time	6.31	11.45	16.96	22.83	22.83	8 / 8			
reaction time	0.202	interval		5.14	5.51	5.87		# of strides	11.45	11.38	0.07
wind	0.2 m/s	velocity	7.92	9.73	9.07	8.52	8.76		8.73	8.79	

Wessolly, Jessica-Bianca (GER) (1996			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Athletissima (Lausanne, SUI)							*Omega Timing (2024) - diamond league race analysis*				
date	22-Aug-24	time	6.39	11.60	16.99	22.83	22.83	5 / 2			
reaction time	0.162	interval		5.21	5.39	5.84		# of strides	11.60	11.23	0.37
wind	0.9 m/s	velocity	7.82	9.60	9.28	8.56	8.76		8.62	8.90	

Holmes, Alexis (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)							*Grand Slam Track (2025) - results and splits by race*				
date	04-May-25	time	6.52	11.82	17.20	22.83	22.83	5 / 5			
reaction time	0.160	interval		5.30	5.38	5.63	**PB**	# of strides	11.82	11.01	0.81
wind	1.0 m/s	velocity	7.67	9.43	9.29	8.88	8.76	94.0	8.46	9.08	

Trandenkova, Marina (RUS) (1967)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 IAAF World Championships (Göteborg, SWE)										*Veney - 200m women from PJ*	
date	10-Aug-95	time		11.68	17.06	22.84	22.84	1 / ~~8~~ 7			
reaction time		interval			5.38	5.78	**PB**	# of strides	11.68	11.16	0.52
wind	-2.2 m/s	velocity		8.56	9.29	8.65	8.76	101.5	8.56	8.96	

Cox, Crystal (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2004 USA Olympic Trials (Sacramento, CA)										*USATF Women's Sprint Development (2004)*	
date	16-Jul-04	time	6.41	11.56	16.92	22.84	22.84	5 / 4			
reaction time		interval		5.15	5.36	5.92		# of strides	11.56	11.28	0.28
wind	-0.6 m/s	velocity	7.80	9.71	9.33	8.45	8.76		8.65	8.87	

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)							*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*				
date	25-Aug-04	time		11.5		22.8	22.84	1 / 6			
reaction time		interval				11.3		# of strides	11.50	11.30	0.20

wind	0.8 m/s	velocity		8.70		8.85	8.76			8.70	8.85

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	22-Sep-07	time	6.31	11.43	16.95	22.84	22.84	7 / 4			
reaction time		interval		5.12	5.52	5.89		# of strides	11.43	11.41	0.02
wind	0.5 m/s	velocity	7.92	9.77	9.06	8.49	8.76		8.75	8.76	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.52	11.52	16.97	22.84	22.84	5 / 3			
reaction time		interval		5.00	5.45	5.87		# of strides	11.52	11.32	0.20
wind	1.6 m/s	velocity	7.67	10.00	9.17	8.52	8.76		8.68	8.83	

Ryemyen, Mariya (UKR) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 IAAF World Championships (Moscow, RUS)								*Track Newsletter (2013) - world championships women*			
date	16-Aug-13	time		11.6		22.8	22.84	8 / 7			
reaction time	0.197	interval				11.20		# of strides	11.60	11.20	0.40
wind	-0.3 m/s	velocity		8.62		8.93	8.76	98.2	8.62	8.93	

Bryant, Dezerea (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.4	11.5	17.0	22.84	22.84	2 / 6			
reaction time	0.165	interval		5.1	5.5	5.84		# of strides	11.50	11.34	0.16
wind	0.4 m/s	velocity	7.81	9.80	9.09	8.56	8.76	104.0	8.70	8.82	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time	6.5	11.6	17.1	22.84	22.84	7 / 4			
reaction time	0.151	interval		5.10	5.50	5.74		# of strides	11.60	11.24	0.36
wind	-0.4 m/s	velocity	7.69	9.80	9.09	8.71	8.76	98.5	8.62	8.90	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.66		22.84	22.84	5 / 3			
reaction time	0.118	interval				11.18		# of strides	11.66	11.18	0.48
wind	1.1 m/s	velocity		8.58		8.94	8.76	94.7	8.58	8.94	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.78		22.84	22.84	2 / 6			
reaction time	0.152	interval				11.06		# of strides	11.78	11.06	0.72
wind	1.4 m/s	velocity		8.49		9.04	8.76	95.0	8.49	9.04	

Karstoft, Ida (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.71		22.84	22.84	7 / 5			
reaction time	0.165	interval				11.13		# of strides	11.71	11.13	0.58
wind	-0.1 m/s	velocity		8.54		8.98	8.76	90.7	8.54	8.98	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.38	11.61	17.01	22.84	22.84	7 / 4			
reaction time	0.170	interval		5.23	5.40	5.83	**PB**	# of strides	11.61	11.23	0.38
wind	1.4 m/s	velocity	7.84	9.56	9.26	8.58	8.76	92.0	8.61	8.90	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.38	11.55	16.98	22.84	22.84	7 / 3			
reaction time	0.147	interval		5.17	5.43	5.86		# of strides	11.55	11.29	0.26
wind	0.5 m/s	velocity	7.84	9.67	9.21	8.53	8.76	102.0	8.66	8.86	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.33	11.54	16.98	22.84	22.84	8 / 7			
reaction time	0.163	interval		5.21	5.44	5.86		# of strides	11.54	11.30	0.24

wind	0.4 m/s	velocity	7.90	9.60	9.19	8.53	8.76	99.5	8.67	8.85	

Tîrlea, Ionela (ROU) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-01	time	6.38	11.54	16.98	22.85	22.85	/ 2			
reaction time	0.166	interval		5.16	5.44	5.87		# of strides	11.54	11.31	0.23
wind	0.3 m/s	velocity	7.84	9.69	9.19	8.52	8.75		8.67	8.84	

Jenkins, LaTasha (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)									*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*		
date	10-Aug-01	time		11.3		22.85	22.85	7 / ~~4~~ 2			
reaction time	0.157	interval				11.6		# of strides	11.30	11.55	-0.25
wind	-0.8 m/s	velocity		8.85		8.66	8.75		8.85	8.66	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)									*USATF Women's Sprint Development (2004)*		
date	17-Jul-04	time	6.37	11.60	17.02	22.85	22.85	5 / 2			
reaction time		interval		5.23	5.42	5.83		# of strides	11.60	11.25	0.35
wind	-1.2 m/s	velocity	7.85	9.56	9.23	8.58	8.75		8.62	8.89	

Brooks, Sheri-Ann (JAM) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	11-Jun-05	time		11.6		22.9	22.85	/ 1			
reaction time		interval				11.30	**PB**	# of strides	11.60	11.30	0.30
wind	-0.7 m/s	velocity		8.62		8.85	8.75		8.62	8.85	

Townsend, Tiffany (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)									*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*		
date	10-May-15	time	6.42	11.61	16.99	22.85	22.85	5 / 2			
reaction time		interval		5.19	5.38	5.86		# of strides	11.61	11.24	0.37
wind	1.0 m/s	velocity	7.79	9.63	9.29	8.53	8.75		8.61	8.90	

Martin, Jada (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)									*Track Newsletter (2017) - NCAA women's championships*		
date	10-Jun-17	time		11.8		22.9	22.85	/ 5			
reaction time		interval				11.10		# of strides	11.80	11.10	0.70
wind	1.1 m/s	velocity		8.47		9.01	8.75		8.47	9.01	

Emmanuel, Crystal (CAN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)									*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*		
date	10-Aug-17	time		11.20	16.67	22.68	22.85	6 / 3			
reaction time	0.165	interval			5.47	6.01		# of strides	11.20	11.48	-0.28
wind	-0.2 m/s	velocity		8.93	9.14	8.32	8.75	99.7	8.93	8.71	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)									*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*		
date	10-Aug-17	time		11.35	16.76	22.70	22.85	7 / 4			
reaction time	0.151	interval			5.41	5.94		# of strides	11.35	11.35	0.00
wind	-0.2 m/s	velocity		8.81	9.24	8.42	8.75	108.9	8.81	8.81	

Nelson, Ashleigh (GBR) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)									*Omega Timing (2019) - diamond league race analysis*		
date	05-Jul-19	time	6.5	11.6	17.1	22.85	22.85	2 / 4			
reaction time	0.154	interval		5.1	5.5	5.75	**PB**	# of strides	11.60	11.25	0.35
wind	1.0 m/s	velocity	7.69	9.80	9.09	8.70	8.75	94.7	8.62	8.89	

Sturgis, Cambrea (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)									*Omega Timing (2022) - diamond league race analysis*		
date	28-May-22	time	6.33	11.55	16.96	22.85	22.85	3 / 6			
reaction time	0.170	interval		5.22	5.41	5.89		# of strides	11.55	11.30	0.25
wind	1.3 m/s	velocity	7.90	9.58	9.24	8.49	8.75	100.2	8.66	8.85	

Karstoft, Ida (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	18-Jul-22	time		11.71		22.85	22.85	4 / 3			
reaction time	0.152	interval				11.14		# of strides	11.71	11.14	0.57

wind	-0.2 m/s	velocity		8.54		8.98	8.75	90.2	8.54	8.98	

Carter, Jassani (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.03	11.32	16.74	22.85	22.85	7 / 4			
reaction time		interval		5.29	5.42	6.11		# of strides	11.32	11.53	-0.21
wind	0.2 m/s	velocity	8.29	9.45	9.23	8.18	8.75	97.0	8.83	8.67	

White, Kayla (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.35	11.55	16.96	22.85	22.85	1 / 6			
reaction time	0.170	interval		5.20	5.41	5.89		# of strides	11.55	11.30	0.25
wind	1.1 m/s	velocity	7.87	9.62	9.24	8.49	8.75	94.0	8.66	8.85	

Gaschet, Liliane (FRA) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1984 Olympic Games (Los Angeles, CA)								*Vogel (1984) - olympische spiele in los angeles*			
date	09-Aug-84	time		11.67		22.86	22.86	1 / 8			
reaction time	0.192	interval				11.19		# of strides	11.67	11.19	0.48
wind	0.1 m/s	velocity		8.57		8.94	8.75		8.57	8.94	

Hurtis, Muriel (FRA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	08-Aug-02	time	6.41	11.54	16.93	22.86	22.86	/ 1			
reaction time	0.165	interval		5.13	5.39	5.93		# of strides	11.54	11.32	0.22
wind	-1.1 m/s	velocity	7.80	9.75	9.28	8.43	8.75		8.67	8.83	

Daigle, Angela (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.56	11.71		22.86	22.86	2 / 6			
reaction time		interval		5.15		11.15		# of strides	11.71	11.15	0.56
wind	0.3 m/s	velocity	7.62	9.71		8.97	8.75	97.0	8.54	8.97	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	11-Jun-05	time		11.6		22.9	22.86	/ 2			
reaction time		interval				11.30		# of strides	11.60	11.30	0.30
wind	-0.7 m/s	velocity		8.62		8.85	8.75		8.62	8.85	

Gevaert, Kim (BEL) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.5		22.9	22.86	3 / 7			
reaction time	0.144	interval				11.40		# of strides	11.50	11.40	0.10
wind	0.2 m/s	velocity		8.70		8.77	8.75	92.7	8.70	8.77	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 NCAA Championships (Eugene, OR)								*Track Newsletter (2018) - NCAA women's championships*			
date	09-Jun-18	time		11.6		22.9	22.86	/ 2			
reaction time		interval				11.30		# of strides	11.60	11.30	0.30
wind	-2.3 m/s	velocity		8.62		8.85	8.75		8.62	8.85	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.7	11.8	17.3	22.86	22.86	7 / 4			
reaction time	0.158	interval		5.10	5.50	5.56	**PB**	# of strides	11.80	11.06	0.74
wind	0.2 m/s	velocity	7.46	9.80	9.09	8.99	8.75	96.2	8.47	9.04	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.29	11.44	16.87	22.86	22.86	7 / 7			
reaction time	0.149	interval		5.15	5.43	5.99		# of strides	11.44	11.42	0.02
wind	0.2 m/s	velocity	7.95	9.71	9.21	8.35	8.75	90.0	8.74	8.76	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.49		22.86	22.86	8 / 6			
reaction time	0.125	interval				11.37		# of strides	11.49	11.37	0.12

wind	-0.1 m/s	velocity		8.70		8.80	8.75	97.5	8.70	8.80	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting de Paris (Paris, FRA)								*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	6.28	11.53	16.98	22.86	22.86	2 / 7			
reaction time	0.196	interval		5.25	5.45	5.88		# of strides	11.53	11.33	0.20
wind	-0.4 m/s	velocity	7.96	9.52	9.17	8.50	8.75	102.0	8.67	8.83	

Ofili, Favour (NGR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.54		22.86	22.86	2 / 7			
reaction time	0.149	interval				11.32		# of strides	11.54	11.32	0.22
wind	-0.2 m/s	velocity		8.67		8.83	8.75	95.0	8.67	8.83	

Jæger, Henriette (NOR) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.44	11.68	17.14	22.86	22.86	2 / 3			
reaction time	0.143	interval		5.24	5.46	5.72		# of strides	11.68	11.18	0.50
wind	0.5 m/s	velocity	7.76	9.54	9.16	8.74	8.75	96.0	8.56	8.94	

Hunt, Amy (GBR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.37	11.55	16.97	22.86	22.86	3 / 4			
reaction time	0.163	interval		5.18	5.42	5.89		# of strides	11.55	11.31	0.24
wind	0.5 m/s	velocity	7.85	9.65	9.23	8.49	8.75	94.0	8.66	8.84	

Bochina, Natalya (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Aug-86	time		11.68		22.87	22.87	7 / 6			
reaction time	0.242	interval				11.19		# of strides	11.68	11.19	0.49
wind	-0.8 m/s	velocity		8.56		8.94	8.75		8.56	8.94	

Jackson, Grace (JAM) (1961)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		11.98	17.38	22.87	22.87	/ 3			
reaction time	0.212	interval			5.40	5.49		# of strides	11.98	10.89	1.09
wind	0.2 m/s	velocity		8.35	9.26	9.11	8.75		8.35	9.18	

Young, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 IAAF World Championships (Tokyo, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	30-Aug-91	time		11.48		22.87	22.87	6 / 6			
reaction time		interval				11.39		# of strides	11.48	11.39	0.09
wind	-2.4 m/s	velocity		8.71		8.78	8.75	101.2	8.71	8.78	

Goncharenko, Svetlana (RUS) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-01	time	6.40	11.50	16.92	22.87	22.87	/ 3			
reaction time	0.149	interval		5.10	5.42	5.95		# of strides	11.50	11.37	0.13
wind	0.3 m/s	velocity	7.81	9.80	9.23	8.40	8.75		8.70	8.80	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	25-Aug-04	time		11.6		22.9	22.87	7 / 7			
reaction time		interval				11.3		# of strides	11.60	11.30	0.30
wind	0.8 m/s	velocity		8.62		8.85	8.75		8.62	8.85	

Oyepitan, Abi (GBR) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 Olympic Games (Athens, GRE)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	25-Aug-04	time		11.5		22.9	22.87	5 / 7			
reaction time		interval				11.4		# of strides	11.50	11.40	0.10
wind	0.8 m/s	velocity		8.70		8.77	8.75		8.70	8.77	

Hooker, Marshevet (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.51	11.79	17.10	22.87	22.87	6 / 1			
reaction time		interval		5.28	5.31	5.77		# of strides	11.79	11.08	0.71

wind	1.4 m/s	velocity	7.68	9.47	9.42	8.67	8.75	94.0	8.48	9.03	

Edwards, Torri (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.44	11.62	16.88	22.87	22.87	8 / 2			
reaction time		interval		5.18	5.26	5.99		# of strides	11.62	11.25	0.37
wind	2.0 m/s	velocity	7.76	9.65	9.51	8.35	8.75		8.61	8.89	

Hackett, Semoy (TTO) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Olympic Games (London, GBR)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	08-Aug-12	time		11.45		22.87	22.87	3 / ~~8~~			
reaction time	0.150	interval				11.42	DV	# of strides	11.45	11.42	0.03
wind	-0.2 m/s	velocity		8.73		8.76	8.75	96.7	8.73	8.76	

Emmanuel, Crystal (CAN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.3	11.5	17.0	22.87	22.87	2 / 7			
reaction time	0.155	interval		5.2	5.5	5.87		# of strides	11.50	11.37	0.13
wind	-0.4 m/s	velocity	7.94	9.62	9.09	8.52	8.75	99.5	8.70	8.80	

Wessolly, Jessica-Bianca (GER) (1996			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.73		22.87	22.87	6 / 4			
reaction time	0.159	interval				11.14		# of strides	11.73	11.14	0.59
wind	2.5 m/s	velocity		8.53		8.98	8.75	96.0	8.53	8.98	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.37	11.57	17.02	22.87	22.87	3 / 4			
reaction time	0.193	interval		5.20	5.45	5.85		# of strides	11.57	11.30	0.27
wind	0.5 m/s	velocity	7.85	9.62	9.17	8.55	8.75	100.0	8.64	8.85	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.3		22.88	22.88	1 / ~~5~~ 3			
reaction time	0.164	interval				11.6		# of strides	11.30	11.58	-0.28
wind	-0.8 m/s	velocity		8.85		8.64	8.74	97.0	8.85	8.64	

Mayo, Gabrielle (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	23-Jun-06	time	6.64	11.70	17.15	22.88	22.88	5 / 1			
reaction time		interval		5.06	5.45	5.73	PB	# of strides	11.70	11.18	0.52
wind	0.9 m/s	velocity	7.53	9.88	9.17	8.73	8.74		8.55	8.94	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.31	11.42	16.94	22.88	22.88	6 / 1			
reaction time	0.175	interval		5.11	5.52	5.94		# of strides	11.42	11.46	-0.04
wind	0.0 m/s	velocity	7.92	9.78	9.06	8.42	8.74		8.76	8.73	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	10-May-15	time	6.37	11.57	17.02	22.88	22.88	2 / 3			
reaction time		interval		5.20	5.45	5.86		# of strides	11.57	11.31	0.26
wind	1.0 m/s	velocity	7.85	9.62	9.17	8.53	8.74		8.64	8.84	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National Championships (Nagoya, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	26-Jun-16	time	6.25	11.46	16.92	22.88	22.88	/ 1			
reaction time		interval		5.21	5.46	5.96	NR	# of strides	11.46	11.42	0.04
wind	1.8 m/s	velocity	8.00	9.60	9.16	8.39	8.74		8.73	8.76	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.6	11.8	17.3	22.88	22.88	2 / 5			
reaction time	0.154	interval		5.20	5.50	5.58		# of strides	11.80	11.08	0.72

wind	0.2 m/s	velocity	7.58	9.62	9.09	8.96	8.74	98.0	8.47	9.03	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)								*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time	6.32	11.57	17.01	22.88	22.88	4 / 7			
reaction time	0.145	interval		5.25	5.44	5.87		# of strides	11.57	11.31	0.26
wind	1.3 m/s	velocity	7.91	9.52	9.19	8.52	8.74	101.2	8.64	8.84	

Tsimanouskaya, Krystsina (POL) (199			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.58		22.88	22.88	7 / 5			
reaction time	0.167	interval				11.30		# of strides	11.58	11.30	0.28
wind	-0.3 m/s	velocity		8.64		8.85	8.74	99.0	8.64	8.85	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.63		22.88	22.88	5 / 6			
reaction time	0.201	interval				11.25		# of strides	11.63	11.25	0.38
wind	-0.2 m/s	velocity		8.60		8.89	8.74	92.0	8.60	8.89	

Hill, Candice (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.41	11.60	17.04	22.88	22.88	6 / 5			
reaction time		interval		5.19	5.44	5.84		# of strides	11.60	11.28	0.32
wind	0.1 m/s	velocity	7.80	9.63	9.19	8.56	8.74	93.0	8.62	8.87	

Leduc, Audrey (CAN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.42	11.58	16.99	22.88	22.88	3 / 3			
reaction time	0.188	interval		5.16	5.41	5.89		# of strides	11.58	11.30	0.28
wind	0.0 m/s	velocity	7.79	9.69	9.24	8.49	8.74	94.2	8.64	8.85	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.32	11.51	16.98	22.88	22.88	6 / 5			
reaction time	0.176	interval		5.19	5.47	5.90		# of strides	11.51	11.37	0.14
wind	0.5 m/s	velocity	7.91	9.63	9.14	8.47	8.74	96.2	8.69	8.80	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.40	11.58	17.01	22.88	22.88	4 / 6			
reaction time	0.165	interval		5.18	5.43	5.87		# of strides	11.58	11.30	0.28
wind	0.1 m/s	velocity	7.81	9.65	9.21	8.52	8.74	97.7	8.64	8.85	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.39	11.67	17.10	22.88	22.88	8 / 6			
reaction time	0.142	interval		5.28	5.43	5.78		# of strides	11.67	11.21	0.46
wind	0.5 m/s	velocity	7.82	9.47	9.21	8.65	8.74	95.7	8.57	8.92	

Heinich, Christina (GDR) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.73	17.08	22.89	22.89	7 / 5			
reaction time		interval			5.35	5.81		# of strides	11.73	11.16	0.57
wind	1.1 m/s	velocity		8.53	9.35	8.61	8.74	100.0	8.53	8.96	

Kroniger, Annegret (FRG) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.67	17.10	22.89	22.89	1 / 5			
reaction time		interval			5.43	5.79		# of strides	11.67	11.22	0.45
wind	1.1 m/s	velocity		8.57	9.21	8.64	8.74	95.5	8.57	8.91	

Arron, Christine (FRA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)									*Jung (2003) - http://www.fgs.uni-halle.de*		
date	22-Jun-97	time	6.35	11.42	16.80	22.89	22.89	/ 1			
reaction time		interval		5.07	5.38	6.09		# of strides	11.42	11.47	-0.05

wind	-0.2 m/s	velocity	7.87	9.86	9.29	8.21	8.74		8.76	8.72	

Félix, Sylviane (FRA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.46	11.73	17.10	22.89	22.89	6 / 4			
reaction time	0.167	interval		5.27	5.37	5.79		# of strides	11.73	11.16	0.57
wind	-0.3 m/s	velocity	7.74	9.49	9.31	8.64	8.74		8.53	8.96	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	13-Sep-08	time	6.41	11.54	16.95	22.89	22.89	7 / 4			
reaction time	0.163	interval		5.13	5.41	5.94		# of strides	11.54	11.35	0.19
wind	0.1 m/s	velocity	7.80	9.75	9.24	8.42	8.74		8.67	8.81	

Akinosun, Morolake (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 NCAA Championships (Eugene, OR)									*Track Newsletter (2014) - NCAA women's championships*		
date	14-Jun-14	time		11.9		22.9	22.89	/ 5			
reaction time		interval				11.00		# of strides	11.90	11.00	0.90
wind	2.2 m/s	velocity		8.40		9.09	8.74		8.40	9.09	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 USATF National Championships (Des Moines, IA)									*Track Newsletter (2018) - USATF championships women*		
date	24-Jun-18	time		11.6		22.9	22.89	/ 3			
reaction time		interval				11.30		# of strides	11.60	11.30	0.30
wind	-1.0 m/s	velocity		8.62		8.85	8.74		8.62	8.85	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	18-Jul-22	time		11.82		22.89	22.89	4 / 5			
reaction time	0.159	interval				11.07		# of strides	11.82	11.07	0.75
wind	0.4 m/s	velocity		8.46		9.03	8.74	95.0	8.46	9.03	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)									*Omega Timing (2022) - diamond league race analysis*		
date	06-Aug-22	time	6.44	11.63	17.03	22.89	22.89	8 / 8			
reaction time	0.172	interval		5.19	5.40	5.86		# of strides	11.63	11.26	0.37
wind	0.2 m/s	velocity	7.76	9.63	9.26	8.53	8.74	94.2	8.60	8.88	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)									*Omega Timing (2024) - diamond league race analysis*		
date	02-Jun-24	time	6.41	11.59	16.99	22.89	22.89	2 / 2			
reaction time	0.145	interval		5.18	5.40	5.90	**PB**	# of strides	11.59	11.30	0.29
wind	-2.0 m/s	velocity	7.80	9.65	9.26	8.47	8.74	98.0	8.63	8.85	

Jamison, Jayla (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 USA Olympic Trials (Eugene, OR)									*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*		
date	27-Jun-24	time	6.42	11.70	17.26	22.89	22.89	6 / 2			
reaction time		interval		5.28	5.56	5.63		# of strides	11.70	11.19	0.51
wind	0.8 m/s	velocity	7.79	9.47	8.99	8.88	8.74	98.0	8.55	8.94	

Lewis, Torrie (AUS) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.34	11.50	16.94	22.89	22.89	9 / 4			
reaction time	0.158	interval		5.16	5.44	5.95	**PB**	# of strides	11.50	11.39	0.11
wind	1.4 m/s	velocity	7.89	9.69	9.19	8.40	8.74	94.0	8.70	8.78	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 2 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	05-Aug-24	time	6.31	11.49	16.93	22.89	22.89	4 / 1			
reaction time	0.179	interval		5.18	5.44	5.96		# of strides	11.49	11.40	0.09
wind	0.6 m/s	velocity	7.92	9.65	9.19	8.39	8.74	100.5	8.70	8.77	

Sears, Jacious (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)									*Grand Slam Track (2025) - results and splits by race*		
date	04-May-25	time	6.28	11.43	16.86	22.89	22.89	2 / 7			
reaction time	0.150	interval		5.15	5.43	6.03		# of strides	11.43	11.46	-0.03

wind	1.1 m/s	velocity	7.96	9.71	9.21	8.29	8.74	99.0	8.75	8.73	

Davis-Thompson, Pauline (BAH) (196	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 IAAF World Championships (Tokyo, JPN)					*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date 30-Aug-91	time	11.67		22.90	22.90	2 / 7			
reaction time	interval			11.23		# of strides	11.67	11.23	0.44
wind -2.4 m/s	velocity	8.57		8.90	8.73	96.2	8.57	8.90	

Jeter, Carmelita (USA) (1979)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time	6.54	11.73	16.93	22.90	22.90	7 / 2		
reaction time	interval		5.19	5.20	5.97		# of strides	11.73	11.17	0.56
wind 0.0 m/s	velocity	7.65	9.63	9.62	8.38	8.73		8.53	8.95	

Williams, Monique (NZL) (1985)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 20-Aug-09	time	6.42	11.51	16.79	22.90	22.90	6 / 3		
reaction time 0.180	interval		5.09	5.28	6.11	NR	# of strides	11.51	11.39	0.12
wind 0.5 m/s	velocity	7.79	9.82	9.47	8.18	8.73		8.69	8.78	

Meadows, Tawanna (USA) (1986)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)						*Track Newsletter (2014) - USATF women's championships*			
date 29-Jun-14	time	11.8		22.9	22.90	/ 6			
reaction time 0.246	interval			11.10		# of strides	11.80	11.10	0.70
wind 3.8 m/s	velocity	8.47		9.01	8.73		8.47	9.01	

Karstoft, Ida (DEN) (1995)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22	time	6.37	11.51	16.95	22.90	22.90	7 / 3		
reaction time 0.176	interval		5.14	5.44	5.95		# of strides	11.51	11.39	0.12
wind 0.1 m/s	velocity	7.85	9.73	9.19	8.40	8.73	91.0	8.69	8.78	

Robertson, Denise (AUS) (1952)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1976 Olympic Games (Montreal, CAN)						*Breizer (1984) - sprint competition analysis*			
date 28-Jul-76	time	11.43	17.13	22.91	22.91	7 / 3			
reaction time	interval		5.70	5.78	PB	# of strides	11.43	11.48	-0.05
wind 0.0 m/s	velocity	8.75	8.77	8.65	8.73		8.75	8.71	

Thomas, Andrea (FRG) (1963)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.39	11.61	17.10	22.91	22.91	1 / 8		
reaction time 0.164	interval		5.22	5.49	5.81		# of strides	11.61	11.30	0.31
wind 1.70 m/s	velocity	7.82	9.58	9.11	8.61	8.73	95.2	8.61	8.85	

Moore, Connie (USA) (1981)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2004 USA Olympic Trials (Sacramento, CA)						*USATF Women's Sprint Development (2004)*			
date 16-Jul-04	time	6.37	11.56	16.92	22.91	22.91	6 / 1		
reaction time	interval		5.19	5.36	5.99		# of strides	11.56	11.35	0.21
wind -0.6 m/s	velocity	7.85	9.63	9.33	8.35	8.73		8.65	8.81	

McLaughlin, Anneisha (JAM) (1986)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 19-Aug-09	time	6.43	11.52	16.91	22.91	22.91	6 / 2		
reaction time 0.154	interval		5.09	5.39	6.00	PB	# of strides	11.52	11.39	0.13
wind 0.1 m/s	velocity	7.78	9.82	9.28	8.33	8.73		8.68	8.78	

Bryant, Dezerea (USA) (1993)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Prefontaine Classic (Eugene, OR)						*Omega Timing (2022) - diamond league race analysis*			
date 28-May-22	time	6.21	11.50	17.00	22.91	22.91	1 / 8		
reaction time 0.132	interval		5.29	5.50	5.91		# of strides	11.50	11.41	0.09
wind 1.3 m/s	velocity	8.05	9.45	9.09	8.46	8.73	102.0	8.70	8.76	

Glenn, Brianna (USA) (1980)	**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 NCAA Championships (Eugene, OR)						*Track Newsletter (2001) - NCAA championships*			
date 02-Jun-01	time	11.7		22.9	22.92	/ 1			
reaction time	interval			11.2		# of strides	11.70	11.20	0.50

wind	2.1 m/s	velocity		8.55		8.93	8.73		8.55	8.93	

Rusakova, Natalya (RUS) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		11.63	16.98	22.92	22.92	/ 2			
reaction time	0.172	interval			5.35	5.94		# of strides	11.63	11.29	0.34
wind	-2.0 m/s	velocity		8.60	9.35	8.42	8.73		8.60	8.86	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 NCAA Championships (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	12-Jun-10	time		11.6		22.9	22.92	/ 2			
reaction time		interval				11.30		# of strides	11.60	11.30	0.30
wind	1.2 m/s	velocity		8.62		8.85	8.73		8.62	8.85	

Irby, Lynna (USA) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 NCAA Championships (Eugene, OR)									*Track Newsletter (2018) - NCAA women's championships*		
date	09-Jun-18	time		11.6		22.9	22.92	/ 3			
reaction time		interval				11.30		# of strides	11.60	11.30	0.30
wind	-2.3 m/s	velocity		8.62		8.85	8.73		8.62	8.85	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)									*European Athletics (2019) - race analysis*		
date	10-Sep-19	time		11.74		22.92	22.92	4 / 2			
reaction time	0.146	interval				11.18		# of strides	11.74	11.18	0.56
wind	-0.1 m/s	velocity		8.52		8.94	8.73	97.2	8.52	8.94	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)									*Omega Timing (2019) - diamond league race analysis*		
date	13-Jul-21	time	6.5	11.7	17.1	22.92	22.92	3 / 5			
reaction time	0.152	interval		5.20	5.40	5.82		# of strides	11.70	11.22	0.48
wind	0.2 m/s	velocity	7.69	9.62	9.26	8.59	8.73	100.0	8.55	8.91	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Prefontaine Classic (Eugene, OR)									*Omega Timing (2023) - diamond league race analysis*		
date	17-Sep-23	time	6.41	11.66	17.11	22.92	22.92	2 / 8			
reaction time	0.153	interval		5.25	5.45	5.81		# of strides	11.66	11.26	0.40
wind	0.3 m/s	velocity	7.80	9.52	9.17	8.61	8.73		8.58	8.88	

Hunt, Amy (GBR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)									*Omega Timing (2024) - diamond league race analysis*		
date	02-Jun-24	time	6.46	11.73	17.09	22.92	22.92	1 / 3			
reaction time	0.158	interval		5.27	5.36	5.83		# of strides	11.73	11.19	0.54
wind	-2.0 m/s	velocity	7.74	9.49	9.33	8.58	8.73	94.2	8.53	8.94	

Fotopoulou, Oliva (CYP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 3 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	05-Aug-24	time	6.46	11.62	17.02	22.92	22.92	8 / 1			
reaction time	0.145	interval		5.16	5.40	5.90		# of strides	11.62	11.30	0.32
wind	-0.4 m/s	velocity	7.74	9.69	9.26	8.47	8.73	98.2	8.61	8.85	

Lewis, Torrie (AUS) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	05-Aug-24	time	6.34	11.56	17.04	22.92	22.92	3 / 7			
reaction time	0.164	interval		5.22	5.48	5.88		# of strides	11.56	11.36	0.20
wind	0.1 m/s	velocity	7.89	9.58	9.12	8.50	8.73	93.7	8.65	8.80	

Bailey, Angela (CAN) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)									*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*		
date	14-Aug-83	time			11.66	17.09	22.93	22.93	2 / 7		
reaction time	0.237	interval				5.43	5.84		# of strides	11.66	11.27	0.39
wind	1.5 m/s	velocity		8.58		9.21	8.56	8.72	102.5	8.58	8.87	

Levorato, Manuela (ITA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.42	11.68	17.07	22.93	22.93	/ 2			
reaction time	0.139	interval		5.26	5.39	5.86		# of strides	11.68	11.25	0.43

wind	1.0 m/s	velocity	7.79	9.51	9.28	8.53	8.72		8.56	8.89	

Jones, Marion (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.37	11.52	16.92	22.93	22.93	8 / ~~5~~			
reaction time		interval		5.15	5.40	6.01	DV	# of strides	11.52	11.41	0.11
wind	-0.6 m/s	velocity	7.85	9.71	9.26	8.32	8.72		8.68	8.76	

Tyson, Cleo (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Junior Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	24-Jun-05	time		11.55	17.06	22.93	22.93	6 / 1			
reaction time		interval			5.51	5.87		# of strides	11.55	11.38	0.17
wind	0.6 m/s	velocity		8.66	9.07	8.52	8.72		8.66	8.79	

Knight, Bianca (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)								*Track Newsletter (2014) - USATF women's championships*			
date	29-Jun-14	time		11.7		22.9	22.93	/ 7			
reaction time	0.188	interval				11.20		# of strides	11.70	11.20	0.50
wind	3.8 m/s	velocity		8.55		8.93	8.72		8.55	8.93	

Liang Xiaojing (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)								*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date	03-Aug-19	time	6.43	11.66	17.12	22.93	22.93	8 / 1			
reaction time		interval		5.23	5.46	5.81	PB	# of strides	11.66	11.27	0.39
wind	0.2 m/s	velocity	7.78	9.56	9.16	8.61	8.72		8.58	8.87	

Chukwuma, Rosemary (NGR) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.68		22.93	22.93	3 / 5			
reaction time	0.189	interval				11.25		# of strides	11.68	11.25	0.43
wind	2.5 m/s	velocity		8.56		8.89	8.72	101.0	8.56	8.89	

Mboma, Christine (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.4	11.8	17.2	22.93	22.93	6 / 1			
reaction time	0.179	interval		5.40	5.40	5.73		# of strides	11.80	11.13	0.67
wind	0.0 m/s	velocity	7.81	9.26	9.26	8.73	8.72	97.5	8.47	8.98	

Whyte, Madison (USA) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.45	11.66	17.09	22.93	22.93	4 / 4			
reaction time		interval		5.21	5.43	5.84		# of strides	11.66	11.27	0.39
wind	0.5 m/s	velocity	7.75	9.60	9.21	8.56	8.72	89.7	8.58	8.87	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	6.43	11.58	16.98	22.93	22.93	2 / 7			
reaction time	0.188	interval		5.15	5.40	5.95		# of strides	11.58	11.35	0.23
wind	-0.9 m/s	velocity	7.78	9.71	9.26	8.40	8.72		8.64	8.81	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.39	11.61	17.04	22.93	22.93	6 / 3			
reaction time	0.160	interval		5.22	5.43	5.89		# of strides	11.61	11.32	0.29
wind	0.9 m/s	velocity	7.82	9.58	9.21	8.49	8.72		8.61	8.83	

Neita, Daryll (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.34	11.47	16.88	22.93	22.93	6 / 8			
reaction time	0.190	interval		5.13	5.41	6.05		# of strides	11.47	11.46	0.01
wind	1.1 m/s	velocity	7.89	9.75	9.24	8.26	8.72	91.2	8.72	8.73	

Jett, Kisha (USA) (1975)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.65	16.93	22.94	22.94	6 / 4			
reaction time		interval			5.28	6.01		# of strides	11.65	11.29	0.36

wind	-0.5 m/s	velocity		8.58	9.47	8.32	8.72		8.58	8.86

Myrick, Wyllesheia (USA) (1979)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2004 USA Olympic Trials (Sacramento, CA)							*USATF Women's Sprint Development (2004)*		
date 16-Jul-04 time	6.37	11.63	16.98	22.94	22.94	7 / 3			
reaction time interval		5.26	5.35	5.96	PB	# of strides	11.63	11.31	0.32
wind -0.1 m/s velocity	7.85	9.51	9.35	8.39	8.72		8.60	8.84	

Knight, Bianca (USA) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)							*USATF Women's Sprint Development (2006)*		
date 23-Jun-06 time	6.64	11.58	17.08	22.94	22.94	3 / 2			
reaction time interval		4.94	5.50	5.86	PB	# of strides	11.58	11.36	0.22
wind 0.9 m/s velocity	7.53	10.12	9.09	8.53	8.72		8.64	8.80	

Williams, Lauryn (USA) (1983)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)							*Graubner (2007) - http://www.fgs.uni-halle.de*		
date 22-Sep-07 time	6.34	11.49	16.96	22.94	22.94	8 / 5			
reaction time interval		5.15	5.47	5.98		# of strides	11.49	11.45	0.04
wind 0.5 m/s velocity	7.89	9.71	9.14	8.36	8.72		8.70	8.73	

White, Cierra (USA) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 NCAA Championships (Eugene, OR)							*Track Newsletter (2015) - NCAA women's championships*		
date 13-Jun-15 time		11.7		22.9	22.94	/ 7			
reaction time interval				11.20		# of strides	11.70	11.20	0.50
wind 1.9 m/s velocity		8.55		8.93	8.72		8.55	8.93	

Clark, Tamara (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Weltklasse (Zürich, SUI)							*Omega Timing (2023) - diamond league race analysis*		
date 31-Aug-23 time	6.32	11.50	16.99	22.94	22.94	2 / 8			
reaction time 0.145 interval		5.18	5.49	5.95		# of strides	11.50	11.44	0.06
wind -0.8 m/s velocity	7.91	9.65	9.11	8.40	8.72	102.0	8.70	8.74	

Hodge, Adaejah (IVB) (2006)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 1 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*		
date 05-Aug-24 time	6.40	11.56	17.01	22.94	22.94	7 / 2			
reaction time 0.140 interval		5.16	5.45	5.93		# of strides	11.56	11.38	0.18
wind 0.6 m/s velocity	7.81	9.69	9.17	8.43	8.72	104.0	8.65	8.79	

Taplin, Cheryl (USA) (1972)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)							*USATF Women's Sprint Development (1996)*		
date 22-Jun-96 time		11.67	17.18	22.95	22.95	4 / 4			
reaction time interval			5.51	5.77		# of strides	11.67	11.28	0.39
wind 0.5 m/s velocity		8.57	9.07	8.67	8.71		8.57	8.87	

Solomon, Shalonda (USA) (1985)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Championships (Carson, CA)							*USATF Women's Sprint Development (2005)*		
date 26-Jun-05 time	6.61	11.67	16.62	22.95	22.95	3 / 7			
reaction time interval		5.06	4.95	6.33		# of strides	11.67	11.28	0.39
wind 0.3 m/s velocity	7.56	9.88	10.10	7.90	8.71	97.7	8.57	8.87	

Clark, Tamara (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)							*Omega Timing (2021) - diamond league race analysis*		
date 09-Jul-21 time	6.3	11.5	17.1	22.95	22.95	8 / 6			
reaction time 0.174 interval		5.20	5.60	5.85		# of strides	11.50	11.45	0.05
wind 0.7 m/s velocity	7.94	9.62	8.93	8.55	8.71	101.0	8.70	8.73	

Bryant, Dezerea (USA) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)							*Omega Timing (2019) - diamond league race analysis*		
date 13-Jul-21 time	6.3	11.5	17.0	22.95	22.95	6 / 6			
reaction time 0.156 interval		5.20	5.50	5.95		# of strides	11.50	11.45	0.05
wind 0.2 m/s velocity	7.94	9.62	9.09	8.40	8.71	103.0	8.70	8.73	

Jiya, Tasa (NED) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Memorial van damme (Brussels, BEL)							*Omega Timing (2024) - diamond league race analysis*		
date 14-Sep-24 time	6.53	11.75	17.22	22.95	22.95	3 / ~~5~~ 4			
reaction time 0.178 interval		5.22	5.47	5.73		# of strides	11.75	11.20	0.55

wind	0.2 m/s	velocity	7.66	9.58	9.14	8.73	8.71	93.0	8.51	8.93	

Anderson, Alexandria (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Junior Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	24-Jun-05	time		11.61	17.11	22.96	22.96	5 / 2			
reaction time		interval			5.50	5.85	**PB**	# of strides	11.61	11.35	0.26
wind	0.6 m/s	velocity		8.61	9.09	8.55	8.71		8.61	8.81	

Rodriquez, Carol (PUR) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	10-Jun-06	time		11.7		23.0	22.96	/ 4			
reaction time		interval				11.30		# of strides	11.70	11.30	0.40
wind	0.8 m/s	velocity		8.55		8.85	8.71		8.55	8.85	

Williams, Monique (NZL) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.41	11.53	17.01	22.96	22.96	5 / 2			
reaction time	0.144	interval		5.12	5.48	5.95	**NR**	# of strides	11.53	11.43	0.10
wind	0.0 m/s	velocity	7.80	9.77	9.12	8.40	8.71		8.67	8.75	

Baptiste, Kelly-Ann (TTO) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.37	11.53	16.98	22.96	22.96	3 / 4			
reaction time	0.156	interval		5.16	5.45	5.98		# of strides	11.53	11.43	0.10
wind	0.5 m/s	velocity	7.85	9.69	9.17	8.36	8.71		8.67	8.75	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (200m straightaway)								*Jalava (2010) - www.tilastopaja.org*			
date	16-May-10	time		11.34	16.86	22.96	22.96	3 / 2			
reaction time		interval			5.52	6.10		# of strides	11.34	11.62	-0.28
wind	0.2 m/s	velocity		8.82	9.06	8.20	8.71	96.5	8.82	8.61	

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	02-Sep-11	time		11.7		22.96	22.96	1 / 6			
reaction time	0.157	interval				11.26		# of strides	11.70	11.26	0.44
wind	-1.0 m/s	velocity		8.55		8.88	8.71		8.55	8.88	

Lalova-Collio, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.36	16.84	22.81	22.96	7 / 3			
reaction time	0.148	interval			5.48	5.97		# of strides	11.36	11.45	-0.09
wind	-0.2 m/s	velocity		8.80	9.12	8.38	8.71	99.0	8.80	8.73	

Odiong, Ofonime (BRN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Asian Games (Jakarta, INA)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	29-Aug-18	time	6.48	11.64	17.07	22.96	22.96	6 / 1			
reaction time	0.166	interval		5.16	5.43	5.89		# of strides	11.64	11.32	0.32
wind	-0.7 m/s	velocity	7.72	9.69	9.21	8.49	8.71	98.2	8.59	8.83	

Hodge, Adaejah (IVB) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	24-Aug-23	time		11.68		22.96	22.96	2 / 7			
reaction time	0.154	interval				11.28		# of strides	11.68	11.28	0.40
wind	-0.2 m/s	velocity		8.56		8.87	8.71	101.2	8.56	8.87	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.42	11.60	17.08	22.96	22.96	1 / 6			
reaction time	0.170	interval		5.18	5.48	5.88		# of strides	11.60	11.36	0.24
wind	0.2 m/s	velocity	7.79	9.65	9.12	8.50	8.71	93.0	8.62	8.80	

Lewis, Torrie (AUS) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.35	11.48	16.95	22.96	22.96	9 / 1			
reaction time	0.153	interval		5.13	5.47	6.01		# of strides	11.48	11.48	0.00

wind	-0.4 m/s	velocity	7.87	9.75	9.14	8.32	8.71	96.7	8.71	8.71	

Blackmon, Kennedy (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.50	11.77	17.26	22.96	22.96	2 / 5			
reaction time		interval		5.27	5.49	5.70		# of strides	11.77	11.19	0.58
wind	0.6 m/s	velocity	7.69	9.49	9.11	8.77	8.71	95.7	8.50	8.94	

Hunt, Amy (GBR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 London Athletics Meet (London, GBR)							*Omega Timing (2024) - diamond league race analysis*				
date	20-Jul-24	time	6.54	11.79	17.15	22.96	22.96	1 / 8			
reaction time	0.177	interval		5.25	5.36	5.81		# of strides	11.79	11.17	0.62
wind	-0.9 m/s	velocity	7.65	9.52	9.33	8.61	8.71		8.48	8.95	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)							*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date	31-Aug-07	time		11.5		22.97	22.97	9 / 7			
reaction time	0.204	interval				11.47		# of strides	11.50	11.47	0.03
wind	1.7 m/s	velocity		8.70		8.72	8.71	94.5	8.70	8.72	

Jones-Ferrette, LaVerne (ISV) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	19-Aug-09	time	6.17	11.24	16.75	22.97	22.97	4 / 3			
reaction time	0.142	interval		5.07	5.51	6.22		# of strides	11.24	11.73	-0.49
wind	0.1 m/s	velocity	8.10	9.86	9.07	8.04	8.71		8.90	8.53	

Ekelund, Irene (SWE) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)							*Track Newsletter (2014) - World Junior championships women*				
date	25-Jul-14	time		11.7		23.0	22.97	4 / 2			
reaction time	0.190	interval				11.30		# of strides	11.70	11.30	0.40
wind	2.4 m/s	velocity		8.55		8.85	8.71		8.55	8.85	

Martin, Jada (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 NCAA Championships (Eugene, OR)							*Track Newsletter (2015) - NCAA women's championships*				
date	13-Jun-15	time		11.8		23.0	22.97	/ 8			
reaction time		interval				11.20		# of strides	11.80	11.20	0.60
wind	1.9 m/s	velocity		8.47		8.93	8.71		8.47	8.93	

Akinosun, Morolake (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)							*Omega Timing (2021) - diamond league race analysis*				
date	04-Jul-21	time	6.5	11.8	17.2	22.97	22.97	4 / 5			
reaction time	0.161	interval		5.30	5.40	5.77		# of strides	11.80	11.17	0.63
wind	-0.4 m/s	velocity	7.69	9.43	9.26	8.67	8.71	105.7	8.47	8.95	

Schwab, Corinna (GER) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)							*Omega Timing (2021) - diamond league race analysis*				
date	26-Aug-21	time	6.5	11.6	17.1	22.97	22.97	5 / 2			
reaction time	0.150	interval		5.10	5.50	5.87		# of strides	11.60	11.37	0.23
wind	2.5 m/s	velocity	7.69	9.80	9.09	8.52	8.71	97.0	8.62	8.80	

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)							*Omega Timing (2022) - diamond league race analysis*				
date	09-Jun-22	time	6.36	11.53	16.99	22.97	22.97	8 / 7			
reaction time	0.159	interval		5.17	5.46	5.98		# of strides	11.53	11.44	0.09
wind	1.3 m/s	velocity	7.86	9.67	9.16	8.36	8.71	94.0	8.67	8.74	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)							*Seiko Timing (2023) - world championship race analysis*				
date	23-Aug-23	time		11.59		22.97	22.97	4 / 3			
reaction time	0.162	interval				11.38		# of strides	11.59	11.38	0.21
wind	-1.3 m/s	velocity		8.63		8.79	8.71	93.0	8.63	8.79	

Kelley, Tiriah (USA) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	27-Jun-24	time	6.24	11.60	17.01	22.97	22.97	9 / 5			
reaction time		interval		5.36	5.41	5.96		# of strides	11.60	11.37	0.23

wind	0.5 m/s	velocity	8.01	9.33	9.24	8.39	8.71	93.7	8.62	8.80	

Anning, Amber (GBR) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.56	11.79	17.21	22.97	22.97	8 / 6			
reaction time	0.250	interval		5.23	5.42	5.76		# of strides	11.79	11.18	0.61
wind	1.0 m/s	velocity	7.62	9.56	9.23	8.68	8.71	90.0	8.48	8.94	

Günther-Reiger, Sabine (GDR) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Jun-86	time		11.63		22.98	22.98	1 / 7			
reaction time	0.163	interval				11.35		# of strides	11.63	11.35	0.28
wind	-0.8 m/s	velocity		8.60		8.81	8.70		8.60	8.81	

Philipp, Andrea (GER) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)								*Jung (2003) - http://www.fgs.uni-halle.de*			
date	22-Jun-97	time	6.49	11.72	17.13	22.98	22.98	/ 2			
reaction time		interval		5.23	5.41	5.85	=PB	# of strides	11.72	11.26	0.46
wind	-0.2 m/s	velocity	7.70	9.56	9.24	8.55	8.70		8.53	8.88	

Daigle, Angela (USA) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.39	11.71	17.12	22.98	22.98	4 / 4			
reaction time		interval		5.32	5.41	5.86	PB	# of strides	11.71	11.27	0.44
wind	-0.1 m/s	velocity	7.82	9.40	9.24	8.53	8.70		8.54	8.87	

Jeter, Carmelita (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time	6.60	11.83	17.20	22.98	22.98	6 / 5			
reaction time	0.170	interval		5.23	5.37	5.78		# of strides	11.83	11.15	0.68
wind	0.1 m/s	velocity	7.58	9.56	9.31	8.65	8.70		8.45	8.97	

Freeman, Emily (GBR) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.33	11.47	16.96	22.98	22.98	2 / 7			
reaction time	0.141	interval		5.14	5.49	6.02		# of strides	11.47	11.51	-0.04
wind	-0.1 m/s	velocity	7.90	9.73	9.11	8.31	8.70		8.72	8.69	

Lalova-Collio, Ivet (BUL) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	21-May-17	time	6.40	11.61	17.08	22.98	22.98	4 / 1			
reaction time	0.145	interval		5.21	5.47	5.90		# of strides	11.61	11.37	0.24
wind	0.6 m/s	velocity	7.81	9.60	9.14	8.47	8.70	97.0	8.61	8.80	

Ge Manqi (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time		11.63	17.08	22.98	22.98	5 / 1			
reaction time	0.169	interval			5.45	5.90		# of strides	11.63	11.35	0.28
wind	-0.2 m/s	velocity		8.60	9.17	8.47	8.70	95.0	8.60	8.81	

Okagbare, Blessing (NGR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)								*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time	6.4	11.5	17.0	22.98	22.98	4 / 7			
reaction time	0.140	interval		5.10	5.50	5.98		# of strides	11.50	11.48	0.02
wind	0.7 m/s	velocity	7.81	9.80	9.09	8.36	8.70	93.2	8.70	8.71	

Kielbasinska, Anna (POL) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.42	11.75	17.18	22.98	22.98	8 / 6			
reaction time	0.161	interval		5.33	5.43	5.80		# of strides	11.75	11.23	0.52
wind	0.8 m/s	velocity	7.79	9.38	9.21	8.62	8.70	97.0	8.51	8.90	

Odiong, Ofonime (BRN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.61		22.98	22.98	8 / 6			
reaction time	0.157	interval				11.37		# of strides	11.61	11.37	0.24

wind	2.5 m/s	velocity		8.61		8.80	8.70	96.0	8.61	8.80	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	6.38	11.55	16.95	22.98	22.98	3 / 4			
reaction time	0.140	interval		5.17	5.40	6.03		# of strides	11.55	11.43	0.12
wind	-2.0 m/s	velocity	7.84	9.67	9.26	8.29	8.70	97.5	8.66	8.75	

Sturgis, Cambrea (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.42	11.75	17.25	22.98	22.98	3 / 6			
reaction time		interval		5.33	5.50	5.73		# of strides	11.75	11.23	0.52
wind	1.8 m/s	velocity	7.79	9.38	9.09	8.73	8.70	99.0	8.51	8.90	

Effiong, Rosey (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.38	11.61	17.03	22.98	22.98	3 / 6			
reaction time		interval		5.23	5.42	5.95		# of strides	11.61	11.37	0.24
wind	0.5 m/s	velocity	7.84	9.56	9.23	8.40	8.70	96.0	8.61	8.80	

Fotopoulou, Oliva (CYP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.39	11.56	17.04	22.98	22.98	2 / 8			
reaction time	0.152	interval		5.17	5.48	5.94		# of strides	11.56	11.42	0.14
wind	0.1 m/s	velocity	7.82	9.67	9.12	8.42	8.70	99.0	8.65	8.76	

Williams, Stacey-Ann (JAM) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.61	11.92	17.22	22.98	22.98	2 / 7			
reaction time	0.160	interval		5.31	5.30	5.76		# of strides	11.92	11.06	0.86
wind	1.0 m/s	velocity	7.56	9.42	9.43	8.68	8.70	96.0	8.39	9.04	

Annum, Alice (GHA) (1948)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1972 Olympic Games (Munich, FRG)								*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*			
date	09-Jul-72	time		11.54	17.00	22.99	22.99	8 / 7			
reaction time		interval			5.46	5.99		# of strides	11.54	11.45	0.09
wind	1.1 m/s	velocity		8.67	9.16	8.35	8.70	102.2	8.67	8.73	

Jenkins, LaTasha (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)								*Track Newsletter (2000) - US olympic trials*			
date	23-Jul-00	time		11.8		23.0	22.99	3 / 7			
reaction time		interval				11.2		# of strides	11.80	11.20	0.60
wind	0.5 m/s	velocity		8.47		8.93	8.70		8.47	8.93	

Campbell, Juliet (JAM) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.3		22.99	22.99	2 / ~~6~~ 4			
reaction time	0.169	interval				11.7		# of strides	11.30	11.69	-0.39
wind	-0.8 m/s	velocity		8.85		8.55	8.70	91.0	8.85	8.55	

Mayr-Krifka, Karin (AUT) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.44	11.59	17.06	22.99	22.99	/ 3			
reaction time	0.170	interval		5.15	5.47	5.93		# of strides	11.59	11.40	0.19
wind	1.0 m/s	velocity	7.76	9.71	9.14	8.43	8.70		8.63	8.77	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	18-Jul-04	time	6.26	11.46	16.90	22.99	22.99	3 / ~~8~~ 7			
reaction time		interval		5.20	5.44	6.09		# of strides	11.46	11.53	-0.07
wind	-1.2 m/s	velocity	7.99	9.62	9.19	8.21	8.70	98.7	8.73	8.67	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.35	11.52	16.97	22.99	22.99	2 / 6			
reaction time		interval		5.17	5.45	6.02		# of strides	11.52	11.47	0.05

wind	0.0 m/s	velocity	7.87	9.67	9.17	8.31	8.70			8.68	8.72	

Thomas, Gabrielle (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)								*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time	6.6	11.8	17.2	22.99	22.99	2 / 7			
reaction time	0.183	interval		5.2	5.4	5.79		# of strides	11.80	11.19	0.61
wind	0.1 m/s	velocity	7.58	9.62	9.26	8.64	8.70	90.2	8.47	8.94	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)								*European Athletics (2019) - race analysis*			
date	10-Sep-19	time		11.72		22.99	22.99	7 / 3			
reaction time	0.192	interval				11.27		# of strides	11.72	11.27	0.45
wind	-0.1 m/s	velocity		8.53		8.87	8.70	97.0	8.53	8.87	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.30	11.52	17.02	22.99	22.99	6 / 5			
reaction time	0.201	interval		5.22	5.50	5.97		# of strides	11.52	11.47	0.05
wind	-0.6 m/s	velocity	7.94	9.58	9.09	8.38	8.70	101.0	8.68	8.72	

Lloyd, Joella (ANT) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.76		22.99	22.99	5 / 4			
reaction time	0.196	interval				11.23		# of strides	11.76	11.23	0.53
wind	-0.2 m/s	velocity		8.50		8.90	8.70	98.5	8.50	8.90	

Richardson, Sha'Carri (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.42	11.57	17.00	22.99	22.99	5 / 2			
reaction time	0.187	interval		5.15	5.43	5.99		# of strides	11.57	11.42	0.15
wind	-0.4 m/s	velocity	7.79	9.71	9.21	8.35	8.70	105.0	8.64	8.76	

Parisot, Helene (FRA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.49	11.66	17.09	22.99	22.99	3 / 3			
reaction time	0.153	interval		5.17	5.43	5.90		# of strides	11.66	11.33	0.33
wind	0.0 m/s	velocity	7.70	9.67	9.21	8.47	8.70	103.0	8.58	8.83	

Emmanouilidou, Polyniki (GRE) (2003			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.44	11.62	17.01	22.99	22.99	6 / 3			
reaction time	0.154	interval		5.18	5.39	5.98		# of strides	11.62	11.37	0.25
wind	0.6 m/s	velocity	7.76	9.65	9.28	8.36	8.70	105.0	8.61	8.80	

Chen Yujie (CHN) (2008)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.49	11.72	17.19	22.99	22.99	1 / 4			
reaction time	0.172	interval		5.23	5.47	5.80	**PB**	# of strides	11.72	11.27	0.45
wind	0.4 m/s	velocity	7.70	9.56	9.14	8.62	8.70	106.0	8.53	8.87	

Réga, Chantal (FRA) (1955)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 1976 Olympic Games (Montreal, CAN)								*Breizer (1984) - sprint competition analysis*			
date	28-Jul-76	time		11.60	17.21	23.00	23.00	5 / 4			
reaction time		interval			5.61	5.79	**PB**	# of strides	11.60	11.40	0.20
wind	0.0 m/s	velocity		8.62	8.91	8.64	8.70		8.62	8.77	

Bikar, Alenka (SLO) (1974)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.3		23.00	23.00	8 / ~~7~~ 5			
reaction time	0.160	interval				11.7		# of strides	11.30	11.70	-0.40
wind	-0.8 m/s	velocity		8.85		8.55	8.70		8.85	8.55	

Rockmeier, Gabi (GER) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.43	11.59	17.02	23.00	23.00	8 / 5			
reaction time	0.139	interval		5.16	5.43	5.98		# of strides	11.59	11.41	0.18

wind	-0.3 m/s	velocity	7.78	9.69	9.21	8.36	8.70		8.63	8.76	

Miller, Inger (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.30	11.53	16.93	23.00	23.00	6 / 3			
reaction time		interval		5.23	5.40	6.07		# of strides	11.53	11.47	0.06
wind	-1.1 m/s	velocity	7.94	9.56	9.26	8.24	8.70		8.67	8.72	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 IAAF World Championships (Helsinki, FIN)								*Track Newsletter (2005) - World championships- women*			
date	12-Aug-05	time		11.7		23.0	23.00	1 / 8			
reaction time	0.190	interval				11.30		# of strides	11.70	11.30	0.40
wind	0.2 m/s	velocity		8.55		8.85	8.70	96.2	8.55	8.85	

Baptiste, Kelly-Ann (TTO) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.33	11.47	16.95	23.00	23.00	5 / 2			
reaction time	0.142	interval		5.14	5.48	6.05		# of strides	11.47	11.53	-0.06
wind	0.1 m/s	velocity	7.90	9.73	9.12	8.26	8.70		8.72	8.67	

Hill, Deanna (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)								*Track Newsletter (2017) - NCAA women's championships*			
date	10-Jun-17	time		11.8		23.0	23.00	/ 6			
reaction time		interval				11.20		# of strides	11.80	11.20	0.60
wind	1.1 m/s	velocity		8.47		8.93	8.70		8.47	8.93	

Kambundji, Mujinga (SUI) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.19	16.68	22.87	23.00	5 / 3			
reaction time	0.129	interval			5.49	6.19		# of strides	11.19	11.68	-0.49
wind	-0.2 m/s	velocity		8.94	9.11	8.08	8.70	102.5	8.94	8.56	

Jefferson, Kyra (USA) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)								*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date	19-May-19	time	6.43	11.58	17.06	23.00	23.00	6 / 2			
reaction time	0.176	interval		5.15	5.48	5.94		# of strides	11.58	11.42	0.16
wind	0.5 m/s	velocity	7.78	9.71	9.12	8.42	8.70	96.0	8.64	8.76	

Emmanouilidou, Polyniki (GRE) (2003			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.71		23.00	23.00	7 / 4			
reaction time	0.163	interval				11.29		# of strides	11.71	11.29	0.42
wind	-0.7 m/s	velocity		8.54		8.86	8.70	104.7	8.54	8.86	

Blackmon, Kennedy (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.39	11.71	17.14	23.00	23.00	7 / 7			
reaction time		interval		5.32	5.43	5.86		# of strides	11.71	11.29	0.42
wind	0.5 m/s	velocity	7.82	9.40	9.21	8.53	8.70	94.2	8.54	8.86	

Hodge, Adaejah (IVB) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.38	11.55	16.99	23.00	23.00	5 / 5			
reaction time	0.159	interval		5.17	5.44	6.01		# of strides	11.55	11.45	0.10
wind	0.5 m/s	velocity	7.84	9.67	9.19	8.32	8.70	103.5	8.66	8.73	

Tyson, Cleo (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	11-Jun-05	time		11.7		23.0	23.01	/ 3			
reaction time		interval				11.30		# of strides	11.70	11.30	0.40
wind	-0.7 m/s	velocity		8.55		8.85	8.69		8.55	8.85	

Campbell-Brown, Veronica (JAM) (19			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.36	11.47	16.97	23.01	23.01	3 / 1			
reaction time	0.156	interval		5.11	5.50	6.04		# of strides	11.47	11.54	-0.07

wind	0.0 m/s	velocity	7.86	9.78	9.09	8.28	8.69		8.72	8.67	

Facey, Simone (JAM) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.24	16.70	22.83	23.01	6 / 4			
reaction time	0.181	interval			5.46	6.13		# of strides	11.24	11.59	-0.35
wind	-0.2 m/s	velocity		8.90	9.16	8.16	8.69	101.0	8.90	8.63	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.44	11.66	17.16	23.01	23.01	4 / 3			
reaction time	0.185	interval		5.22	5.50	5.85		# of strides	11.66	11.35	0.31
wind	-0.4 m/s	velocity	7.76	9.58	9.09	8.55	8.69	101.0	8.58	8.81	

Karstoft, Ida (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.45	11.60	17.08	23.01	23.01	4 / 6			
reaction time	0.167	interval		5.15	5.48	5.93		# of strides	11.60	11.41	0.19
wind	0.5 m/s	velocity	7.75	9.71	9.12	8.43	8.69	91.7	8.62	8.76	

Tsimanouskaya, Krystsina (POL) (199			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.46	11.65	17.06	23.01	23.01	5 / 2			
reaction time	0.169	interval		5.19	5.41	5.95		# of strides	11.65	11.36	0.29
wind	-0.4 m/s	velocity	7.74	9.63	9.24	8.40	8.69	98.2	8.58	8.80	

Clark, Tamara (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.36	11.54	17.04	23.01	23.01	5 / ~~6~~ 5			
reaction time	0.162	interval		5.18	5.50	5.97		# of strides	11.54	11.47	0.07
wind	0.2 m/s	velocity	7.86	9.65	9.09	8.38	8.69	100.0	8.67	8.72	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.44	11.67	17.13	23.01	23.01	5 / 2			
reaction time	0.153	interval		5.23	5.46	5.88		# of strides	11.67	11.34	0.33
wind	0.1 m/s	velocity	7.76	9.56	9.16	8.50	8.69	101.0	8.57	8.82	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.45	11.77	17.09	23.02	23.02	6 / 5			
reaction time		interval		5.32	5.32	5.93		# of strides	11.77	11.25	0.52
wind	-0.1 m/s	velocity	7.75	9.40	9.40	8.43	8.69		8.50	8.89	

Stuy, Hrystyna (UKR) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	02-Sep-11	time		11.7		23.02	23.02	2 / 7			
reaction time	0.188	interval				11.32		# of strides	11.70	11.32	0.38
wind	-1.0 m/s	velocity		8.55		8.83	8.69	96.7	8.55	8.83	

Brown, Brittany (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 NCAA Championships (Eugene, OR)								*Track Newsletter (2017) - NCAA women's championships*			
date	10-Jun-17	time		11.8		23.0	23.02	/ 7			
reaction time		interval				11.20		# of strides	11.80	11.20	0.60
wind	1.1 m/s	velocity		8.47		8.93	8.69		8.47	8.93	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.83		23.02	23.02	3 / 4			
reaction time	0.155	interval				11.19		# of strides	11.83	11.19	0.64
wind	-0.4 m/s	velocity		8.45		8.94	8.69	102.5	8.45	8.94	

Battle, Anavia (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.42	11.57	16.98	23.02	23.02	3 / 4			
reaction time	0.153	interval		5.15	5.41	6.04		# of strides	11.57	11.45	0.12

wind	-0.4 m/s	velocity	7.79	9.71	9.24	8.28	8.69	98.7	8.64	8.73	

van Hunenstijn, Marije (NED) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.52	11.80	17.24	23.02	23.02	2 / 4			
reaction time	0.151	interval		5.28	5.44	5.78		# of strides	11.80	11.22	0.58
wind	0.9 m/s	velocity	7.67	9.47	9.19	8.65	8.69		8.47	8.91	

Pointet, Léonie (SUI) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.39	11.59	17.03	23.02	23.02	4 / 5			
reaction time	0.146	interval		5.20	5.44	5.99		# of strides	11.59	11.43	0.16
wind	0.9 m/s	velocity	7.82	9.62	9.19	8.35	8.69		8.63	8.75	

Prorochenko, Tatyana (URS) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Jul-76	time		11.5		23.0	23.03	1 / 6			
reaction time		interval				11.50		# of strides	11.50	11.50	0.00
wind	0.0 m/s	velocity		8.70		8.70	8.68		8.70	8.70	

Kasprzyk, Ewa (POL) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)								*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	14-Aug-83	time		11.71	17.14	23.03	23.03	4 / 8			
reaction time	0.202	interval			5.43	5.89		# of strides	11.71	11.32	0.39
wind	1.5 m/s	velocity		8.54	9.21	8.49	8.68	107.2	8.54	8.83	

Mayr-Krifka, Karin (AUT) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	08-Aug-02	time	6.34	11.55	17.07	23.03	23.03	/ 1			
reaction time	0.141	interval		5.21	5.52	5.96		# of strides	11.55	11.48	0.07
wind	-0.6 m/s	velocity	7.89	9.60	9.06	8.39	8.68		8.66	8.71	

Félix, Sylviane (FRA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	08-Aug-02	time	6.44	11.57	17.01	23.03	23.03	/ 1			
reaction time	0.168	interval		5.13	5.44	6.02		# of strides	11.57	11.46	0.11
wind	0.0 m/s	velocity	7.76	9.75	9.19	8.31	8.68		8.64	8.73	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	25-Jun-06	time	6.49	11.62	17.08	23.03	23.03	8 / 5			
reaction time		interval		5.13	5.46	5.95		# of strides	11.62	11.41	0.21
wind	0.3 m/s	velocity	7.70	9.75	9.16	8.40	8.68		8.61	8.76	

Danois, Johanna (FRA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.51	11.69	17.12	23.03	23.03	7 / 5			
reaction time	0.178	interval		5.18	5.43	5.91	**PB**	# of strides	11.69	11.34	0.35
wind	0.5 m/s	velocity	7.68	9.65	9.21	8.46	8.68		8.55	8.82	

Haase, Rebekka (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.31	16.84	22.87	23.03	4 / 4			
reaction time	0.161	interval			5.53	6.03		# of strides	11.31	11.56	-0.25
wind	-0.2 m/s	velocity		8.84	9.04	8.29	8.68	98.2	8.84	8.65	

Schippers, Dafne (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.5	11.6	17.1	23.03	23.03	4 / 6			
reaction time	0.134	interval		5.10	5.50	5.93		# of strides	11.60	11.43	0.17
wind	0.2 m/s	velocity	7.69	9.80	9.09	8.43	8.68	95.0	8.62	8.75	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.52	11.79	17.21	23.03	23.03	3 / 5			
reaction time	0.189	interval		5.27	5.42	5.82		# of strides	11.79	11.24	0.55

wind	1.4 m/s	velocity	7.67	9.49	9.23	8.59	8.68	94.7	8.48	8.90	

Nkansa, Delphine (BEL) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.39	11.62	17.11	23.03	23.03	8 / 3			
reaction time	0.140	interval		5.23	5.49	5.92	**=PB**	# of strides	11.62	11.41	0.21
wind	0.1 m/s	velocity	7.82	9.56	9.11	8.45	8.68	101.0	8.61	8.76	

Ellis, Kendall (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Long Sprints - 2025 Grand Slam Track Miami (Miramar, FL)								*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	6.66	11.90	17.31	23.03	23.03	1 / 8			
reaction time	0.340	interval		5.24	5.41	5.72		# of strides	11.90	11.13	0.77
wind	1.0 m/s	velocity	7.51	9.54	9.24	8.74	8.68	96.0	8.40	8.98	

Young-Stone, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1993 IAAF World Championships (Stuttgart, GER)								*Veney - 200m women from PJ*			
date	19-Aug-93	time	6.66	11.88	17.26	23.04	23.04	1 / 8			
reaction time	0.189	interval		5.22	5.38	5.78		# of strides	11.88	11.16	0.72
wind	0.0 m/s	velocity	7.51	9.58	9.29	8.65	8.68		8.42	8.96	

Rockmeier, Gabi (GER) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-01	time	6.46	11.65	17.12	23.04	23.04	/ 4			
reaction time	0.137	interval		5.19	5.47	5.92	**PB**	# of strides	11.65	11.39	0.26
wind	0.3 m/s	velocity	7.74	9.63	9.14	8.45	8.68		8.58	8.78	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	10-Jun-06	time		11.9		23.0	23.04	/ 5			
reaction time		interval				11.10		# of strides	11.90	11.10	0.80
wind	0.8 m/s	velocity		8.40		9.01	8.68		8.40	9.01	

Barber, Mikele (USA) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.50	11.66	17.08	23.04	23.04	3 / 7			
reaction time		interval		5.16	5.42	5.96		# of strides	11.66	11.38	0.28
wind	0.0 m/s	velocity	7.69	9.69	9.23	8.39	8.68		8.58	8.79	

Hill, Deanna (USA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 USATF National Championships (Sacramento, CA)								*Track Newsletter (2017) - USATF championships women*			
date	25-Jun-17	time		11.6		23.0	23.04	/ 6			
reaction time		interval				11.40		# of strides	11.60	11.40	0.20
wind	-2.5 m/s	velocity		8.62		8.77	8.68		8.62	8.77	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.70		23.04	23.04	8 / 4			
reaction time	0.117	interval				11.34		# of strides	11.70	11.34	0.36
wind	1.1 m/s	velocity		8.55		8.82	8.68	98.2	8.55	8.82	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	6.42	11.66	17.09	23.04	23.04	7 / 5			
reaction time	0.179	interval		5.24	5.43	5.95		# of strides	11.66	11.38	0.28
wind	-2.0 m/s	velocity	7.79	9.54	9.21	8.40	8.68	100.7	8.58	8.79	

Effiong, Rosey (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.58	11.81	17.29	23.04	23.04	3 / 6			
reaction time		interval		5.23	5.48	5.75		# of strides	11.81	11.23	0.58
wind	0.6 m/s	velocity	7.60	9.56	9.12	8.70	8.68	97.0	8.47	8.90	

Caicedo, Nicole (ECU) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.40	11.61	17.10	23.04	23.04	7 / 3			
reaction time	0.196	interval		5.21	5.49	5.94		# of strides	11.61	11.43	0.18

wind	-0.4 m/s	velocity	7.81	9.60	9.11	8.42	8.68	95.5	8.61	8.75	

Robertson, Denise (AUS) (1952)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1976 Olympic Games (Montreal, CAN)								*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date	28-Jul-76	time		11.5		23.1	23.05	3 / 7			
reaction time		interval				11.60		# of strides	11.50	11.60	-0.10
wind	0.0 m/s	velocity		8.70		8.62	8.68		8.70	8.62	

Kasprzyk, Ewa (POL) (1957)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)										*Veney - 200m women from PJ*	
date	04-Oct-85	time		11.7		23.05	23.05	6 / 4			
reaction time		interval				11.35		# of strides	11.70	11.35	0.35
wind	-0.7 m/s	velocity		8.55		8.81	8.68		8.55	8.81	

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 NCAA Championships (Eugene, OR)										*Track Newsletter (2001) - NCAA championships*	
date	02-Jun-01	time		11.6		23.1	23.05	/ 2			
reaction time		interval				11.5		# of strides	11.60	11.50	0.10
wind	2.1 m/s	velocity		8.62		8.70	8.68		8.62	8.70	
FINAL - 2001 Goodwill Games (Brisbane, AUS)										*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*	
date	05-Sep-01	time		11.4		23.1	23.05	/ ~~2~~			
reaction time		interval				11.7	DV	# of strides	11.40	11.70	-0.30
wind	-1.8 m/s	velocity		8.77		8.55	8.68		8.77	8.55	

Daigle, Angela (USA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)										*USATF Women's Sprint Development (2004)*	
date	17-Jul-04	time	6.39	11.76	17.15	23.05	23.05	8 / 4			
reaction time		interval		5.37	5.39	5.90		# of strides	11.76	11.29	0.47
wind	-1.1 m/s	velocity	7.82	9.31	9.28	8.47	8.68		8.50	8.86	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)										*USATF Women's Sprint Development with HPC (2008)*	
date	05-Jul-08	time	6.62	12.02	17.31	23.05	23.05	6 / 1			
reaction time		interval		5.40	5.29	5.74		# of strides	12.02	11.03	0.99
wind	1.3 m/s	velocity	7.55	9.26	9.45	8.71	8.68		8.32	9.07	

Artymata, Eleni (CYP) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	21-Aug-09	time	6.51	11.70	17.17	23.01	23.05	1 / 8			
reaction time	0.176	interval		5.19	5.47	5.84		# of strides	11.70	11.31	0.39
wind	-0.1 m/s	velocity	7.68	9.63	9.14	8.56	8.68		8.55	8.84	

Cooper, Elise (USA) (2007)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.37	11.60	17.23	23.05	23.05	5 / 3			
reaction time		interval		5.23	5.63	5.82		# of strides	11.60	11.45	0.15
wind	0.8 m/s	velocity	7.85	9.56	8.88	8.59	8.68	91.5	8.62	8.73	

Dickson, Camryn (USA) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.53	11.80	17.26	23.05	23.05	3 / 8			
reaction time		interval		5.27	5.46	5.79		# of strides	11.80	11.25	0.55
wind	1.4 m/s	velocity	7.66	9.49	9.16	8.64	8.68	101.7	8.47	8.89	

Takács, Boglárka (HUN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.43	11.58	17.02	23.05	23.05	8 / 2			
reaction time	0.149	interval		5.15	5.44	6.03		# of strides	11.58	11.47	0.11
wind	0.6 m/s	velocity	7.78	9.71	9.19	8.29	8.68	97.5	8.64	8.72	

Takács, Boglárka (HUN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)								*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	6.42	11.56	17.05	23.05	23.05	7 / 4			
reaction time	0.162	interval		5.14	5.49	6.00		# of strides	11.56	11.49	0.07
wind	0.1 m/s	velocity	7.79	9.73	9.11	8.33	8.68	98.7	8.65	8.70	

Mayr-Krifka, Karin (AUT) (1971)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2002 European Championships (Munich, GER)										*Graubner (2009) - http://www.fgs.uni-halle.de*	
date	09-Aug-02	time	6.39	11.56	17.04	23.06	23.06	2 / 6			
reaction time	0.147	interval		5.17	5.48	6.02		# of strides	11.56	11.50	0.06
wind	-0.3 m/s	velocity	7.82	9.67	9.12	8.31	8.67		8.65	8.70	

Bolsun, Yelena (RUS) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2009 IAAF World Championships (Berlin, GER)										*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*	
date	19-Aug-09	time	6.37	11.50	17.00	23.06	23.06	4 / 4			
reaction time	0.139	interval		5.13	5.50	6.06		# of strides	11.50	11.56	-0.06
wind	0.3 m/s	velocity	7.85	9.75	9.09	8.25	8.67		8.70	8.65	

Forbes, Sashalee (JAM) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.49	16.97	22.93	23.06	3 / 5			
reaction time	0.164	interval			5.48	5.96		# of strides	11.49	11.44	0.05
wind	-0.2 m/s	velocity		8.70	9.12	8.39	8.67	104.6	8.70	8.74	

Neita, Daryll (GBR) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)										*Omega Timing (2019) - diamond league race analysis*	
date	13-Jul-21	time	6.4	11.7	17.1	23.06	23.06	1 / 7			
reaction time	0.158	interval		5.30	5.40	5.96	PB	# of strides	11.70	11.36	0.34
wind	0.2 m/s	velocity	7.81	9.43	9.26	8.39	8.67	92.2	8.55	8.80	

Dobbin, Beth (GBR) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Doha Diamond League (Doha, QAT)										*Omega Timing (2022) - diamond league race analysis*	
date	13-May-22	time	6.4	11.7	17.4	23.06	23.06	2 / 6			
reaction time	0.164	interval		5.30	5.70	5.66		# of strides	11.70	11.36	0.34
wind	1.3 m/s	velocity	7.81	9.43	8.77	8.83	8.67	99.2	8.55	8.80	

Gaither, TyNia (BAH) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)										*Omega Timing (2022) - diamond league race analysis*	
date	30-Jun-22	time	6.35	11.53	17.01	23.06	23.06	4 / 4			
reaction time	0.156	interval		5.18	5.48	6.05		# of strides	11.53	11.53	0.00
wind	0.1 m/s	velocity	7.87	9.65	9.12	8.26	8.67	104.0	8.67	8.67	

Whyte, Natalliah (JAM) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Commonwealth Games (Birmingham, GBR)										*Longines Timing (2022) - commonwealth games race analysis*	
date	06-Aug-22	time	6.3	11.5	17.0	23.06	23.06	5 / 4			
reaction time	0.157	interval		5.20	5.50	6.06		# of strides	11.50	11.56	-0.06
wind	0.6 m/s	velocity	7.94	9.62	9.09	8.25	8.67	97.0	8.70	8.65	

Emmanouilidou, Polyniki (GRE) (2003			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	04-Aug-24	time	6.44	11.66	17.10	23.06	23.06	8 / 4			
reaction time	0.166	interval		5.22	5.44	5.96		# of strides	11.66	11.40	0.26
wind	0.2 m/s	velocity	7.76	9.58	9.19	8.39	8.67	105.5	8.58	8.77	

Hunt, Amy (GBR) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)										*Omega Timing (2025) - diamond league race analysis*	
date	26-Apr-25	time	6.35	11.47	16.97	23.06	23.06	3 / 5			
reaction time	0.163	interval		5.12	5.50	6.09		# of strides	11.47	11.59	-0.12
wind	0.4 m/s	velocity	7.87	9.77	9.09	8.21	8.67	95.0	8.72	8.63	

Gaines, Chryste (USA) (1970)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1995 USATF National Championships (Sacramento, CA)										*USATF Women's Sprint Development (1995)*	
date	18-Jun-95	time	6.40	11.53	17.03	23.07	23.07	7 / 5			
reaction time		interval		5.13	5.50	6.04		# of strides	11.53	11.54	-0.01
wind	2.3 m/s	velocity	7.81	9.75	9.09	8.28	8.67		8.67	8.67	

Rockmeier, Gabi (GER) (1973)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2002 European Championships (Munich, GER)										*Graubner (2009) - http://www.fgs.uni-halle.de*	
date	09-Aug-02	time	6.48	11.63	17.08	23.07	23.07	/ 3			
reaction time	0.137	interval		5.15	5.45	5.99		# of strides	11.63	11.44	0.19
wind	0.0 m/s	velocity	7.72	9.71	9.17	8.35	8.67		8.60	8.74	

Gushchina, Yuliya (RUS) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.35	11.51	17.00	23.07	23.07	8 / 3			
reaction time	0.175	interval		5.16	5.49	6.07		# of strides	11.51	11.56	-0.05
wind	0.1 m/s	velocity	7.87	9.69	9.11	8.24	8.67		8.69	8.65	

Gaither, TyNia (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	11-Aug-17	time		11.46	16.96	22.91	23.07	3 / 8			
reaction time	0.162	interval			5.50	5.95		# of strides	11.46	11.45	0.01
wind	0.8 m/s	velocity		8.73	9.09	8.40	8.67	108.7	8.73	8.73	

Fotopoulou, Oliva (CYP) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.43	11.64	17.12	23.07	23.07	5 / 5			
reaction time	0.145	interval		5.21	5.48	5.95		# of strides	11.64	11.43	0.21
wind	0.2 m/s	velocity	7.78	9.60	9.12	8.40	8.67	99.0	8.59	8.75	

Young-Stone, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		11.74	17.28	23.08	23.08	/ 4			
reaction time		interval			5.54	5.80		# of strides	11.74	11.34	0.40
wind	0.2 m/s	velocity		8.52	9.03	8.62	8.67		8.52	8.82	

Thomas, Andrea (GER) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 European Cup (Frankfurt, GER)								*Federle (2003) - http://www.fgs.uni-halle.de*			
date	30-Jun-91	time		11.56		23.08	23.08	/ 2			
reaction time		interval				11.52		# of strides	11.56	11.52	0.04
wind	-3.4 m/s	velocity		8.65		8.68	8.67		8.65	8.68	

Mothersill, Cydonie (CAY) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Championships (Osaka, JPN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	31-Aug-07	time		11.7		23.08	23.08	2 / 8			
reaction time	0.193	interval				11.38		# of strides	11.70	11.38	0.32
wind	1.7 m/s	velocity		8.55		8.79	8.67	98.0	8.55	8.79	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.46	11.61	17.06	23.08	23.08	2 / 2			
reaction time	0.185	interval		5.15	5.45	6.02		# of strides	11.61	11.47	0.14
wind	0.3 m/s	velocity	7.74	9.71	9.17	8.31	8.67		8.61	8.72	

Morrison, Natasha (JAM) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		11.68	17.10	23.08	23.08	2 / 1			
reaction time		interval			5.42	5.98		# of strides	11.68	11.40	0.28
wind	1.6 m/s	velocity		8.56	9.23	8.36	8.67		8.56	8.77	

Safronova, Olga (KAZ) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)								*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date	19-May-19	time	6.32	11.45	16.88	23.08	23.08	4 / 3			
reaction time	0.162	interval		5.13	5.43	6.20		# of strides	11.45	11.63	-0.18
wind	0.5 m/s	velocity	7.91	9.75	9.21	8.06	8.67	95.7	8.73	8.60	

Vaičule, Gunta (LAT) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.7	11.9	17.3	23.08	23.08	8 / 5			
reaction time	0.192	interval		5.2	5.4	5.78		# of strides	11.90	11.18	0.72
wind	1.0 m/s	velocity	7.46	9.62	9.26	8.65	8.67		8.40	8.94	

Kielbasinska, Anna (POL) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)								*Omega Timing (2021) - diamond league race analysis*			
date	26-Aug-21	time	6.5	11.8	17.3	23.08	23.08	6 / 3			
reaction time	0.135	interval		5.30	5.50	5.78		# of strides	11.80	11.28	0.52
wind	2.5 m/s	velocity	7.69	9.43	9.09	8.65	8.67	97.2	8.47	8.87	

Hall, Anna (USA) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 17-Jul-22	time	11.81		23.08	23.08	4 / 1			
reaction time 0.147	interval			11.27	PB	# of strides	11.81	11.27	0.54
wind 1.4 m/s	velocity	8.47		8.87	8.67	91.2	8.47	8.87	

Gale, Lauren (CAN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 18-Jul-22	time	11.74		23.08	23.08	7 / 4			
reaction time 0.138	interval			11.34		# of strides	11.74	11.34	0.40
wind 0.9 m/s	velocity	8.52		8.82	8.67	93.7	8.52	8.82	

Chandler, Caisja (USA) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 27-Jun-24	time 6.42	11.75	17.20	23.08	23.08	9 / 6			
reaction time	interval	5.33	5.45	5.88		# of strides	11.75	11.33	0.42
wind 0.1 m/s	velocity 7.79	9.38	9.17	8.50	8.67	97.0	8.51	8.83	

Bazolo, Loréne Dorcas (POR) (1983)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 1 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 05-Aug-24	time 6.38	11.54	17.03	23.08	23.08	4 / 4			
reaction time 0.149	interval	5.16	5.49	6.05		# of strides	11.54	11.54	0.00
wind 0.6 m/s	velocity 7.84	9.69	9.11	8.26	8.67	99.0	8.67	8.67	

Réga, Chantal (FRA) (1955)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1976 Olympic Games (Montreal, CAN)						*Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*			
date 28-Jul-76	time	11.5		23.1	23.09	6 / 8			
reaction time	interval			11.60		# of strides	11.50	11.60	-0.10
wind 0.0 m/s	velocity	8.70		8.62	8.66		8.70	8.62	

Jett, Kisha (USA) (1975)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1996 USA Olympic Trials (Atlanta, GA)						*USATF Women's Sprint Development (1996)*			
date 23-Jun-96	time	11.60	17.02	23.09	23.09	1 / 8			
reaction time	interval		5.42	6.07		# of strides	11.60	11.49	0.11
wind -0.6 m/s	velocity	8.62	9.23	8.24	8.66		8.62	8.70	

Felix, Allyson (USA) (1985)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time 6.51	11.71	17.13	23.09	23.09	5 / 2			
reaction time	interval	5.20	5.42	5.96		# of strides	11.71	11.38	0.33
wind 1.3 m/s	velocity 7.68	9.62	9.23	8.39	8.66		8.54	8.79	

Edwards, Torri (USA) (1977)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time 6.25	11.60	16.93	23.09	23.09	7 / 2			
reaction time	interval	5.35	5.33	6.16		# of strides	11.60	11.49	0.11
wind -1.3 m/s	velocity 8.00	9.35	9.38	8.12	8.66		8.62	8.70	

Williams, Lauren Rain (USA) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)						*Koyama (2018) - research on athlete performance and technique- 2018 data book*			
date 14-Jul-18	time 6.40	11.55	17.00	23.09	23.09	5 / 2			
reaction time 0.162	interval	5.15	5.45	6.09		# of strides	11.55	11.54	0.01
wind -0.1 m/s	velocity 7.81	9.71	9.17	8.21	8.66		8.66	8.67	

Whyte, Natalliah (JAM) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 05-Aug-22	time 6.2	11.7	17.2	23.09	23.09	6 / 2			
reaction time 0.164	interval	5.50	5.50	5.89		# of strides	11.70	11.39	0.31
wind 1.9 m/s	velocity 8.06	9.09	9.09	8.49	8.66	95.0	8.55	8.78	

Hunt, Amy (GBR) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Memorial van damme (Brussels, BEL)						*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24	time 6.49	11.64	17.09	23.09	23.09	2 / ~~7~~ 6			
reaction time 0.160	interval	5.15	5.45	6.00		# of strides	11.64	11.45	0.19
wind 0.2 m/s	velocity 7.70	9.71	9.17	8.33	8.66	94.2	8.59	8.73	

Vinogradova, Yelena (URS) (1964)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1991 IAAF World Championships (Tokyo, JPN)					*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*				
date 30-Aug-91	time	11.60		23.10	23.10	8 / 8			
reaction time	interval			11.50		# of strides	11.60	11.50	0.10
wind -2.4 m/s	velocity	8.62		8.70	8.66		8.62	8.70	

Levorato, Manuela (ITA) (1977)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2002 European Championships (Munich, GER)					*Graubner (2009) - http://www.fgs.uni-halle.de*				
date 08-Aug-02	time 6.45	11.65	17.15	23.10	23.10	/ 2			
reaction time 0.164	interval	5.20	5.50	5.95		# of strides	11.65	11.45	0.20
wind 0.0 m/s	velocity 7.75	9.62	9.09	8.40	8.66		8.58	8.73	

Anderson, Alexandria (USA) (1977)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)					*USATF Women's Sprint Development with HPC (2008)*				
date 04-Jul-08	time 6.37	11.66	17.05	23.10	23.10	4 / 2			
reaction time	interval	5.29	5.39	6.05		# of strides	11.66	11.44	0.22
wind 0.0 m/s	velocity 7.85	9.45	9.28	8.26	8.66		8.58	8.74	

Barber, Mikele (USA) (1980)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)					*USATF Women's Sprint Development with HPC (2008)*				
date 04-Jul-08	time 6.62	11.88	17.20	23.10	23.10	6 / 3			
reaction time	interval	5.26	5.32	5.90		# of strides	11.88	11.22	0.66
wind 0.0 m/s	velocity 7.55	9.51	9.40	8.47	8.66		8.42	8.91	

Freeman, Emily (GBR) (1980)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 19-Aug-09	time 6.33	11.47	16.99	23.10	23.10	7 / 2			
reaction time 0.178	interval	5.14	5.52	6.11		# of strides	11.47	11.63	-0.16
wind 0.0 m/s	velocity 7.90	9.73	9.06	8.18	8.66		8.72	8.60	

Seymour, Ka'tia (USA) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 NCAA Championships (Eugene, OR)					*Track Newsletter (2018) - NCAA women's championships*				
date 09-Jun-18	time	11.7		23.1	23.10	/ 4			
reaction time	interval			11.40		# of strides	11.70	11.40	0.30
wind -2.3 m/s	velocity	8.55		8.77	8.66		8.55	8.77	

Bass, Gina (GAM) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)					*Longines Timing (2022) - commonwealth games race analysis*				
date 05-Aug-22	time 6.3	11.7	17.1	23.10	23.10	4 / 3			
reaction time 0.150	interval	5.40	5.40	6.00		# of strides	11.70	11.40	0.30
wind 1.9 m/s	velocity 7.94	9.26	9.26	8.33	8.66	102.5	8.55	8.77	

Bass, Gina (GAM) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 24-Aug-23	time	11.76		23.10	23.10	3 / 8			
reaction time 0.141	interval			11.34		# of strides	11.76	11.34	0.42
wind -0.2 m/s	velocity	8.50		8.82	8.66	103.0	8.50	8.82	

Bazolo, Loréne Dorcas (POR) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2024 Olympic Games (Paris, FRA)					*Paris 2024 Olympic Games - Results Book (2024)*				
date 04-Aug-24	time 6.41	11.63	17.13	23.10	23.10	7 / 5			
reaction time 0.118	interval	5.22	5.50	5.97		# of strides	11.63	11.47	0.16
wind 1.4 m/s	velocity 7.80	9.58	9.09	8.38	8.66	99.0	8.60	8.72	

Allwood, Rose (JAM) (1952)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1972 Olympic Games (Munich, FRG)					*Gundlach (1973) - beobachtungsergevnisse in der leichtathletik*				
date 09-Jul-72	time	11.61	17.14	23.11	23.11	2 / 8			
reaction time	interval		5.53	5.97		# of strides	11.61	11.50	0.11
wind 1.1 m/s	velocity	8.61	9.04	8.38	8.65	92.2	8.61	8.70	

Ogunkoya, Falilat (NGR) (1968)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)					*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*				
date 19-Jul-86	time	11.68	17.25	23.11	23.11	/ 1			
reaction time	interval		5.57	5.86	CR	# of strides	11.68	11.43	0.25
wind 0.6 m/s	velocity	8.56	8.98	8.53	8.65		8.56	8.75	

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

Cox, Crystal (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)									*USATF Women's Sprint Development (2003)*		
date	22-Jun-03	time	6.62	11.99	17.27	23.11	23.11	7 / ~~6~~ 5			
reaction time		interval		5.37	5.28	5.84		# of strides	11.99	11.12	0.87
wind	0.0 m/s	velocity	7.55	9.31	9.47	8.56	8.65		8.34	8.99	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	10-May-15	time	6.26	11.52	17.08	23.11	23.11	6 / 4			
reaction time		interval		5.26	5.56	6.03		# of strides	11.52	11.59	-0.07
wind	1.0 m/s	velocity	7.99	9.51	8.99	8.29	8.65	101.0	8.68	8.63	

Wessolly, Jessica-Bianca (GER) (1996			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)								*Omega Timing (2021) - diamond league race analysis*			
date	26-Aug-21	time	6.5	11.8	17.3	23.11	23.11	3 / 4			
reaction time	0.151	interval		5.30	5.50	5.81		# of strides	11.80	11.31	0.49
wind	2.5 m/s	velocity	7.69	9.43	9.09	8.61	8.65	98.0	8.47	8.84	

Malchugina, Galina (URS) (1962)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		11.44	17.06	23.12	23.12	/ 5			
reaction time		interval			5.62	6.06		# of strides	11.44	11.68	-0.24
wind	0.2 m/s	velocity		8.74	8.90	8.25	8.65		8.74	8.56	

Wilson, Latonia (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 USATF National Championships (Indianapolis, IN)								*Track Newsletter (2005) - World championships- women*			
date	24-Jun-07	time		11.8		23.1	23.12	1 / 8			
reaction time		interval				11.30		# of strides	11.80	11.30	0.50
wind	0.4 m/s	velocity		8.47		8.85	8.65		8.47	8.85	

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.47	11.70	17.08	23.12	23.12	4 / 3			
reaction time		interval		5.23	5.38	6.04		# of strides	11.70	11.42	0.28
wind	0.0 m/s	velocity	7.73	9.56	9.29	8.28	8.65		8.55	8.76	

Atcho, Sarah (SUI) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.44	16.95	22.99	23.12	8 / 6			
reaction time	0.134	interval			5.51	6.04		# of strides	11.44	11.55	-0.11
wind	-0.2 m/s	velocity		8.74	9.07	8.28	8.65	93.4	8.74	8.66	

Bryant, Dezerea (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)								*Omega Timing (2022) - diamond league race analysis*			
date	13-May-22	time	5.7	11.5	17.1	23.12	23.12	8 / 7			
reaction time	0.163	interval		5.80	5.60	6.02		# of strides	11.50	11.62	-0.12
wind	1.3 m/s	velocity	8.77	8.62	8.93	8.31	8.65	102.0	8.70	8.61	

Moore, Ashanti (JAM) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.75		23.12	23.12	8 / 5			
reaction time	0.149	interval				11.37		# of strides	11.75	11.37	0.38
wind	-0.7 m/s	velocity		8.51		8.80	8.65	91.0	8.51	8.80	

Sturgis, Cambrea (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.44	11.72	17.32	23.12	23.12	4 / 7			
reaction time		interval		5.28	5.60	5.80		# of strides	11.72	11.40	0.32
wind	0.1 m/s	velocity	7.76	9.47	8.93	8.62	8.65	99.0	8.53	8.77	

Whyte, Madison (USA) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.52	11.80	17.28	23.12	23.12	5 / 7			
reaction time		interval		5.28	5.48	5.84		# of strides	11.80	11.32	0.48
wind	0.6 m/s	velocity	7.67	9.47	9.12	8.56	8.65	91.7	8.47	8.83	

Shtanhyeyeva, Iryna (UKR) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		11.77	17.21	23.13	23.13	/ 3			
reaction time	0.145	interval			5.44	5.92		# of strides	11.77	11.36	0.41
wind	-2.0 m/s	velocity		8.50	9.19	8.45	8.65		8.50	8.80	

White, Cierra (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 USATF National Championships (Sacramento, CA)									*Track Newsletter (2014) - USATF women's championships*		
date	29-Jun-14	time		11.9		23.1	23.13	/ 8			
reaction time	0.161	interval				11.20		# of strides	11.90	11.20	0.70
wind	3.8 m/s	velocity		8.40		8.93	8.65		8.40	8.93	

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Commonwealth Games (Birmingham, GBR)									*Longines Timing (2022) - commonwealth games race analysis*		
date	06-Aug-22	time	6.3	11.7	17.2	23.13	23.13	2 / 5			
reaction time	0.150	interval		5.40	5.50	5.93		# of strides	11.70	11.43	0.27
wind	0.6 m/s	velocity	7.94	9.26	9.09	8.43	8.65	101.7	8.55	8.75	

Bazolo, Loréne Dorcas (POR) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)									*Seiko Timing (2023) - world championship race analysis*		
date	23-Aug-23	time		11.64		23.13	23.13	2 / 6			
reaction time	0.163	interval				11.49		# of strides	11.64	11.49	0.15
wind	-0.7 m/s	velocity		8.59		8.70	8.65	97.5	8.59	8.70	

Davis, Kenondra (USA) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)									*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*		
date	28-Jun-24	time	6.52	11.88	17.41	23.13	23.13	4 / 8			
reaction time		interval		5.36	5.53	5.72		# of strides	11.88	11.25	0.63
wind	0.6 m/s	velocity	7.67	9.33	9.04	8.74	8.65	94.0	8.42	8.89	

Dunn, Paula (GBR) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
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	6.40	11.73	17.30	23.14	23.14	1 / 6			
reaction time	0.171	interval		5.33	5.57	5.84		# of strides	11.73	11.41	0.32
wind	1.8 m/s	velocity	7.81	9.38	8.98	8.56	8.64		8.53	8.76	

Poelman, Jacqueline (NED) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.50	11.69	17.20	23.14	23.14	/ 4			
reaction time	0.152	interval		5.19	5.51	5.94		# of strides	11.69	11.45	0.24
wind	0.0 m/s	velocity	7.69	9.63	9.07	8.42	8.64		8.55	8.73	

Myrick, Wyllesheia (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)									*USATF Women's Sprint Development (2004)*		
date	17-Jul-04	time	6.38	11.57	17.02	23.14	23.14	4 / 5			
reaction time		interval		5.19	5.45	6.12		# of strides	11.57	11.57	0.00
wind	-1.1 m/s	velocity	7.84	9.63	9.17	8.17	8.64		8.64	8.64	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)									*USATF Women's Sprint Development (2006)*		
date	23-Jun-06	time	6.64	11.73	17.22	23.14	23.14	4 / 3			
reaction time		interval		5.09	5.49	5.92	PB	# of strides	11.73	11.41	0.32
wind	0.9 m/s	velocity	7.53	9.82	9.11	8.45	8.64		8.53	8.76	

Nelson, Ashleigh (GBR) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)									*Omega Timing (2021) - diamond league race analysis*		
date	26-Aug-21	time	6.5	11.8	17.3	23.14	23.14	7 / 5			
reaction time	0.154	interval		5.30	5.50	5.84		# of strides	11.80	11.34	0.46
wind	2.5 m/s	velocity	7.69	9.43	9.09	8.56	8.64	97.2	8.47	8.82	

Beecher, Jacinta (AUS) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	19-Jul-22	time		11.61		23.14	23.14	7 / 8			
reaction time	0.132	interval				11.53		# of strides	11.61	11.53	0.08
wind	2.0 m/s	velocity		8.61		8.67	8.64	95.7	8.61	8.67	

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

Hunt, Amy (GBR) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)								*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	6.46	11.68	17.20	23.14	23.14	1 / 8			
reaction time	0.167	interval		5.22	5.52	5.94		# of strides	11.68	11.46	0.22
wind	0.4 m/s	velocity	7.74	9.58	9.06	8.42	8.64		8.56	8.73	

Gbai, Jessika (CIV) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.43	11.73	17.25	23.14	23.14	8 / 6			
reaction time	0.134	interval		5.30	5.52	5.89		# of strides	11.73	11.41	0.32
wind	0.4 m/s	velocity	7.78	9.43	9.06	8.49	8.64	94.0	8.53	8.76	

Marshall, Pam (USA) (1960)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)								*Veney - 200m women from PJ*			
date	04-Oct-85	time		12.0		23.15	23.15	7 / 5			
reaction time		interval				11.15		# of strides	12.00	11.15	0.85
wind	-0.7 m/s	velocity		8.33		8.97	8.64		8.33	8.97	

Guidry, Carlette (USA) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2000 USA Olympic Trials (Sacramento, CA)								*Track Newsletter (2000) - US olympic trials*			
date	23-Jul-00	time		11.8		23.2	23.15	1 / 8			
reaction time		interval				11.4		# of strides	11.80	11.40	0.40
wind	0.5 m/s	velocity		8.47		8.77	8.64		8.47	8.77	

Mani, Myriam (CMR) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 IAAF World Championships (Edmonton, CAN)								*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date	10-Aug-01	time		11.3		23.15	23.15	6 / ~~8~~ 6			
reaction time	0.140	interval				11.9		# of strides	11.30	11.85	-0.55
wind	-0.8 m/s	velocity		8.85		8.44	8.64		8.85	8.44	

Carter, Antonette (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.59	11.76	16.65	23.15	23.15	1 / 8			
reaction time		interval		5.17	4.89	6.50		# of strides	11.76	11.39	0.37
wind	0.3 m/s	velocity	7.59	9.67	10.22	7.69	8.64	95.7	8.50	8.78	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.37	11.62	17.17	23.15	23.15	2 / 2			
reaction time		interval		5.25	5.55	5.98		# of strides	11.62	11.53	0.09
wind	0.5 m/s	velocity	7.85	9.52	9.01	8.36	8.64	101.0	8.61	8.67	

Tenorio, Angela (ECU) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)								*Track Newsletter (2014) - World Junior championships women*			
date	25-Jul-14	time		11.6		23.1	23.15	6 / 3			
reaction time	0.167	interval				11.50		# of strides	11.60	11.50	0.10
wind	2.4 m/s	velocity		8.62		8.70	8.64		8.62	8.70	

Samuel, Jamile (NED) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Weltklasse (Zürich, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	29-Aug-19	time	6.5	11.7	17.2	23.15	23.15	1 / 8			
reaction time	0.148	interval		5.2	5.5	5.95		# of strides	11.70	11.45	0.25
wind	-0.4 m/s	velocity	7.69	9.62	9.09	8.40	8.64	102.0	8.55	8.73	

Ray, Shannon (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Doha Diamond League (Doha, QAT)								*Omega Timing (2022) - diamond league race analysis*			
date	13-May-22	time	6.5	11.9	17.4	23.15	23.15	1 / 8			
reaction time	0.158	interval		5.40	5.50	5.75		# of strides	11.90	11.25	0.65
wind	1.3 m/s	velocity	7.69	9.26	9.09	8.70	8.64	104.5	8.40	8.89	

Jiya, Tasa (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2023) - diamond league race analysis*			
date	02-Jul-23	time	6.44	11.69	17.19	23.15	23.15	8 / 6			
reaction time	0.205	interval		5.25	5.50	5.96		# of strides	11.69	11.46	0.23
wind	-0.6 m/s	velocity	7.76	9.52	9.09	8.39	8.64	93.0	8.55	8.73	

Emmanouilidou, Polyniki (GRE) (2003	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 24-Aug-23	time		11.74		23.15	23.15	3 / ~~8~~ 7		
reaction time 0.156	interval				11.41		# of strides	11.74	11.41	0.33
wind -0.1 m/s	velocity		8.52		8.76	8.64	105.0	8.52	8.76	

Trandenkova, Marina (RUS) (1967)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1997 European Cup (Munich, GER)						*Jung (2003) - http://www.fgs.uni-halle.de*			
date 22-Jun-97	time	6.42	11.66	17.13	23.16	23.16	/ 3		
reaction time	interval		5.24	5.47	6.03		# of strides	11.66	11.50	0.16
wind -0.2 m/s	velocity	7.79	9.54	9.14	8.29	8.64		8.58	8.70	

Prandini, Jenna (USA) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 USATF National Championships (Sacramento, CA)						*Track Newsletter (2017) - USATF championships women*			
date 25-Jun-17	time		11.6		23.2	23.16	/ 7		
reaction time	interval				11.60		# of strides	11.60	11.60	0.00
wind -2.5 m/s	velocity		8.62		8.62	8.64		8.62	8.62	

Morrison, Natasha (JAM) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)						*Omega Timing (2019) - diamond league race analysis*			
date 13-Jul-21	time	6.4	11.6	17.1	23.16	23.16	2 / 8		
reaction time 0.161	interval		5.20	5.50	6.06		# of strides	11.60	11.56	0.04
wind 0.2 m/s	velocity	7.81	9.62	9.09	8.25	8.64	99.0	8.62	8.65	

Jiya, Tasa (NED) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Athletissima (Lausanne, SUI)						*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23	time	6.45	11.70	17.24	23.16	23.16	5 / 1		
reaction time 0.190	interval		5.25	5.54	5.92		# of strides	11.70	11.46	0.24
wind -0.4 m/s	velocity	7.75	9.52	9.03	8.45	8.64		8.55	8.73	

Pointet, Léonie (SUI) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 23-Aug-23	time		11.83		23.16	23.16	8 / 5		
reaction time 0.147	interval				11.33	PB	# of strides	11.83	11.33	0.50
wind -0.4 m/s	velocity		8.45		8.83	8.64	103.7	8.45	8.83	

Takács, Boglárka (HUN) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	6.39	11.58	17.11	23.16	23.16	4 / 6		
reaction time 0.151	interval		5.19	5.53	6.05		# of strides	11.58	11.58	0.00
wind 0.2 m/s	velocity	7.82	9.63	9.04	8.26	8.64	98.5	8.64	8.64	

Moore, LaShaunte'a (USA) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time	6.50	11.79	17.28	23.17	23.17	3 / 4		
reaction time	interval		5.29	5.49	5.89		# of strides	11.79	11.38	0.41
wind 0.0 m/s	velocity	7.69	9.45	9.11	8.49	8.63		8.48	8.79	

Simpson, Sherone (JAM) (1984)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 IAAF World Championships (Daegu, KOR)						*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date 02-Sep-11	time		11.5		23.17	23.17	7 / 8		
reaction time 0.169	interval				11.67		# of strides	11.50	11.67	-0.17
wind -1.0 m/s	velocity		8.70		8.57	8.63	99.0	8.70	8.57	

Tsuruta, Remi (JPN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese National Championships (Niigata, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 03-Oct-20	time	6.46	11.74	17.22	23.17	23.17	7 / 1		
reaction time 0.154	interval		5.28	5.48	5.95	PB	# of strides	11.74	11.43	0.31
wind -0.1 m/s	velocity	7.74	9.47	9.12	8.40	8.63	98.5	8.52	8.75	

Kimishima, Arisa (JPN) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National Championsips (Osaka, JPN)						*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*			
date 04-Aug-23	time	6.40	11.72	17.26	23.17	23.17	7 / 1		
reaction time 0.184	interval		5.32	5.54	5.91	PB	# of strides	11.72	11.45	0.27
wind -0.2 m/s	velocity	7.81	9.40	9.03	8.46	8.63	96.2	8.53	8.73	

Tatum, Adriana (USA) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.73	12.15	17.63	23.17	23.17	1 / 7			
reaction time		interval		5.42	5.48	5.54		# of strides	12.15	11.02	1.13
wind	1.8 m/s	velocity	7.43	9.23	9.12	9.03	8.63	98.2	8.23	9.07	

Bestué, Jaël (ESP) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.43	11.65	17.20	23.17	23.17	2 / 4			
reaction time	0.150	interval		5.22	5.55	5.97		# of strides	11.65	11.52	0.13
wind	0.0 m/s	velocity	7.78	9.58	9.01	8.38	8.63	102.7	8.58	8.68	

Zhirova, Marina (URS) (1963)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1986 European Championships (Stuttgart, FRG)								*Veney - 200m women from PJ*			
date	29-Jun-86	time		11.66		23.18	23.18	2 / 8			
reaction time	0.199	interval				11.52		# of strides	11.66	11.52	0.14
wind	-0.8 m/s	velocity		8.58		8.68	8.63		8.58	8.68	

Levorato, Manuela (ITA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2001 European Cup (Bremen, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-02	time	6.41	11.62	17.17	23.18	23.18	/ 5			
reaction time	0.122	interval		5.21	5.55	6.01		# of strides	11.62	11.56	0.06
wind	0.3 m/s	velocity	7.80	9.60	9.01	8.32	8.63		8.61	8.65	

Bikar, Alenka (SLO) (1974)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.45	11.71	17.23	23.18	23.18	/ 4			
reaction time	0.163	interval		5.26	5.52	5.95		# of strides	11.71	11.47	0.24
wind	1.0 m/s	velocity	7.75	9.51	9.06	8.40	8.63		8.54	8.72	

Moore, LaShaunte'a (USA) (1983)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	26-Jun-05	time	6.38	11.54	17.22	23.18	23.18	8 / 9			
reaction time		interval		5.16	5.68	5.96		# of strides	11.54	11.64	-0.10
wind	0.3 m/s	velocity	7.84	9.69	8.80	8.39	8.63	100.0	8.67	8.59	

Atcho, Sarah (SUI) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.45	11.66	17.15	23.18	23.18	8 / 6			
reaction time	0.150	interval		5.21	5.49	6.03		# of strides	11.66	11.52	0.14
wind	1.4 m/s	velocity	7.75	9.60	9.11	8.29	8.63		8.58	8.68	

Caicedo, Nicole (ECU) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.49	11.70	17.18	23.18	23.18	7 / 4			
reaction time	0.211	interval		5.21	5.48	6.00		# of strides	11.70	11.48	0.22
wind	0.0 m/s	velocity	7.70	9.60	9.12	8.33	8.63	96.5	8.55	8.71	

Emmanouilidou, Polyniki (GRE) (2003			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.55	11.85	17.36	23.18	23.18	2 / 8			
reaction time	0.187	interval		5.30	5.51	5.82		# of strides	11.85	11.33	0.52
wind	0.2 m/s	velocity	7.63	9.43	9.07	8.59	8.63	105.0	8.44	8.83	

Ottey, Merlene (JAM) (1960)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 1987 IAAF World Championships (Rome, ITA)							*Moravec (1990) - time analyis of the sprints - Rome 1987 Scientific Report (2nd ed)*				
date	01-Sep-87	time	6.46	11.78	17.28	23.19	23.19	5 / 3			
reaction time	0.170	interval		5.32	5.50	5.91		# of strides	11.78	11.41	0.37
wind	-0.6 m/s	velocity	7.74	9.40	9.09	8.46	8.62	90.5	8.49	8.76	

Zaytseva, Olga (RUS) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	20-Aug-09	time	6.47	11.70	17.25	23.19	23.19	2 / 6			
reaction time	0.155	interval		5.23	5.55	5.94		# of strides	11.70	11.49	0.21
wind	0.3 m/s	velocity	7.73	9.56	9.01	8.42	8.62		8.55	8.70	

Hodge, Virgil (SKN) (1983)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 20-Aug-09	time	6.45	11.57	17.08	23.19	23.19	1 / 5			
reaction time 0.178	interval		5.12	5.51	6.11		# of strides	11.57	11.62	-0.05
wind 0.5 m/s	velocity	7.75	9.77	9.07	8.18	8.62		8.64	8.61	

Siwek, Agnieszka (POL) (1962)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
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	6.57	11.79	17.32	23.20	23.20	8 / 7			
reaction time 0.317	interval		5.22	5.53	5.88		# of strides	11.79	11.41	0.38
wind 1.8 m/s	velocity	7.61	9.58	9.04	8.50	8.62		8.48	8.76	

Bily, Laurence (FRA) (1963)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1989 IAAF World Cup (Barcelona, ESP)						*Pascua (1990) - atletismo (I) carreras y marcha*			
date 08-Sep-89	time		11.64	17.22	23.20	23.20	/ 6			
reaction time	interval			5.58	5.98		# of strides	11.64	11.56	0.08
wind 0.2 m/s	velocity		8.59	8.96	8.36	8.62		8.59	8.65	

Graglia, Daniela (ITA) (1976)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2002 European Championships (Munich, GER)						*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	6.36	11.66	17.24	23.20	23.20	/ 5			
reaction time 0.140	interval		5.30	5.58	5.96	PB	# of strides	11.66	11.54	0.12
wind 0.0 m/s	velocity	7.86	9.43	8.96	8.39	8.62		8.58	8.67	

Davis, Janice (USA) (1984)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Championships (Indianapolis, IN)						*USATF Women's Sprint Development (2006)*			
date 25-Jun-06	time	6.34	11.56	17.10	23.20	23.20	2 / 6			
reaction time	interval		5.22	5.54	6.10		# of strides	11.56	11.64	-0.08
wind 0.3 m/s	velocity	7.89	9.58	9.03	8.20	8.62		8.65	8.59	

Lucas, Porscha (USA) (1988)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time	6.54	11.72	17.28	23.20	23.20	3 / 3			
reaction time	interval		5.18	5.56	5.92		# of strides	11.72	11.48	0.24
wind 2.0 m/s	velocity	7.65	9.65	8.99	8.45	8.62		8.53	8.71	

Lee, Muna (USA) (1981)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2013 Windsprint (Sundsvall, SWE)						*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		11.96	17.41	23.20	23.20	3 / 2			
reaction time	interval			5.45	5.79		# of strides	11.96	11.24	0.72
wind 1.6 m/s	velocity		8.36	9.17	8.64	8.62		8.36	8.90	

Fields, Ashley (USA) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 NCAA Championships (Eugene, OR)						*Track Newsletter (2014) - NCAA women's championships*			
date 14-Jun-14	time		12.1		23.2	23.20	/ 7			
reaction time	interval				11.10		# of strides	12.10	11.10	1.00
wind 2.2 m/s	velocity		8.26		9.01	8.62		8.26	9.01	

Johnson, Kortnei (USA) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 NCAA Championships (Eugene, OR)						*Track Newsletter (2018) - NCAA women's championships*			
date 09-Jun-18	time		11.7		23.2	23.20	/ 5			
reaction time	interval				11.50		# of strides	11.70	11.50	0.20
wind -2.3 m/s	velocity		8.55		8.70	8.62		8.55	8.70	

Chand, Dutee (IND) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Asian Games (Jakarta, INA)						*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date 29-Aug-18	time	6.38	11.66	17.18	23.20	23.20	3 / 2			
reaction time 0.149	interval		5.28	5.52	6.02		# of strides	11.66	11.54	0.12
wind -0.7 m/s	velocity	7.84	9.47	9.06	8.31	8.62	106.0	8.58	8.67	

Baylark, Jada (USA) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 27-Jun-24	time	6.06	11.33	16.92	23.20	23.20	3 / 5			
reaction time	interval		5.27	5.59	6.28		# of strides	11.33	11.87	-0.54
wind 0.2 m/s	velocity	8.25	9.49	8.94	7.96	8.62	93.0	8.83	8.42	

Baylark, Jada (USA) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	28-Jun-24	time	6.40	11.78	17.35	23.20	23.20	2 / 8			
reaction time		interval		5.38	5.57	5.85		# of strides	11.78	11.42	0.36
wind	1.8 m/s	velocity	7.81	9.29	8.98	8.55	8.62	94.5	8.49	8.76	

Vervaet, Imke (BEL) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*				
date	04-Aug-24	time	6.60	11.86	17.35	23.20	23.20	9 / 7			
reaction time	0.166	interval		5.26	5.49	5.85		# of strides	11.86	11.34	0.52
wind	0.2 m/s	velocity	7.58	9.51	9.11	8.55	8.62	97.2	8.43	8.82	

Merry, Katharine (GBR) (1974)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2001 European Cup (Bremen, GER)							*Graubner (2007) - http://www.fgs.uni-halle.de*				
date	24-Jun-01	time	6.50	11.74	17.24	23.21	23.21	/ 6			
reaction time	0.186	interval		5.24	5.50	5.97		# of strides	11.74	11.47	0.27
wind	0.3 m/s	velocity	7.69	9.54	9.09	8.38	8.62		8.52	8.72	

Jeter, Carmelita (USA) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*				
date	04-Jul-08	time	6.49	11.82	17.23	23.21	23.21	3 / 1			
reaction time		interval		5.33	5.41	5.98		# of strides	11.82	11.39	0.43
wind	1.2 m/s	velocity	7.70	9.38	9.24	8.36	8.62		8.46	8.78	

Anderson, Alexandria (USA) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*				
date	05-Jul-08	time	6.37	11.66	17.10	23.21	23.21	8 / 6			
reaction time		interval		5.29	5.44	6.11		# of strides	11.66	11.55	0.11
wind	-0.1 m/s	velocity	7.85	9.45	9.19	8.18	8.62		8.58	8.66	

Fukushima, Chisato (JPN) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 7 - 2016 Olympic Games (Rio de Janeiro, BRA)							*(2016.08.15) - https://twitter.com/touchdown_time/media?lang=en&lang=en&lang=en&lang=en*				
date	15-Aug-16	time		11.46		23.21	23.21	8 / 5			
reaction time	0.125	interval				11.75		# of strides	11.46	11.75	-0.29
wind	0.5 m/s	velocity		8.73		8.51	8.62		8.73	8.51	

Palframan, Justine (RSA) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.62	17.08	23.05	23.21	2 / 7			
reaction time	0.146	interval			5.46	5.97		# of strides	11.62	11.43	0.19
wind	-0.2 m/s	velocity		8.61	9.16	8.38	8.62	100.0	8.61	8.75	

Strachan, Anthonique (BAH) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.69	17.17	23.00	23.21	9 / 8			
reaction time	0.207	interval			5.48	5.83		# of strides	11.69	11.31	0.38
wind	-0.2 m/s	velocity		8.55	9.12	8.58	8.62	88.3	8.55	8.84	

Belimbasáki, María (GRE) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.51	17.01	23.01	23.21	8 / 5			
reaction time	0.202	interval			5.50	6.00		# of strides	11.51	11.50	0.01
wind	-0.2 m/s	velocity		8.69	9.09	8.33	8.62	98.6	8.69	8.70	

Kotwila, Martyna (POL) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)							*Koyama (2018) - research on athlete performance and technique- 2018 data book*				
date	14-Jul-18	time	6.57	11.93	17.36	23.21	23.21	4 / 3			
reaction time	0.181	interval		5.36	5.43	5.85	**=PB**	# of strides	11.93	11.28	0.65
wind	-0.1 m/s	velocity	7.61	9.33	9.21	8.55	8.62		8.38	8.87	

Kirkland, Jayla (USA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)							*Koyama (2018) - research on athlete performance and technique- 2018 data book*				
date	14-Jul-18	time	6.65	11.93	17.35	23.21	23.21	8 / ~~4~~			
reaction time	0.260	interval		5.28	5.42	5.86	**DQ**	# of strides	11.93	11.28	0.65
wind	-0.1 m/s	velocity	7.52	9.47	9.23	8.53	8.62		8.38	8.87	

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

McDonald, Natassha (CAN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 05-Aug-22	time	6.4	11.7	17.2	23.21	23.21	7 / 2			
reaction time 0.156	interval		5.30	5.50	6.01		# of strides	11.70	11.51	0.19
wind 1.5 m/s	velocity	7.81	9.43	9.09	8.32	8.62	85.0	8.55	8.69	

Connolly, Ella (AUS) (2000)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 06-Aug-22	time	6.3	11.6	17.2	23.21	23.21	8 / 6			
reaction time 0.147	interval		5.30	5.60	6.01		# of strides	11.60	11.61	-0.01
wind 0.6 m/s	velocity	7.94	9.43	8.93	8.32	8.62	96.0	8.62	8.61	

McDonald, Natassha (CAN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 06-Aug-22	time	6.5	11.7	17.1	23.21	23.21	9 / 7			
reaction time 0.158	interval		5.20	5.40	6.11		# of strides	11.70	11.51	0.19
wind 0.6 m/s	velocity	7.69	9.62	9.26	8.18	8.62	85.5	8.55	8.69	

Davis, Kenondra (USA) (2003)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 27-Jun-24	time	6.47	11.80	17.25	23.21	23.21	7 / 4			
reaction time	interval		5.33	5.45	5.96		# of strides	11.80	11.41	0.39
wind 0.8 m/s	velocity	7.73	9.38	9.17	8.39	8.62	95.0	8.47	8.76	

Kelley, Tiriah (USA) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 28-Jun-24	time	6.52	11.87	17.41	23.21	23.21	4 / 9			
reaction time	interval		5.35	5.54	5.80		# of strides	11.87	11.34	0.53
wind 1.8 m/s	velocity	7.67	9.35	9.03	8.62	8.62	95.5	8.42	8.82	

Pereira, Shanti Veronica (SGP) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	6.45	11.66	17.18	23.21	23.21	6 / 8			
reaction time 0.185	interval		5.21	5.52	6.03		# of strides	11.66	11.55	0.11
wind 0.2 m/s	velocity	7.75	9.60	9.06	8.29	8.62	99.0	8.58	8.66	

Nestoret, Maguy (FRA) (1969)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1991 European Cup (Frankfurt, GER)						*Federle (2003) - http://www.fgs.uni-halle.de*			
date 30-Jun-91	time		11.74		23.22	23.22	/ 3			
reaction time	interval				11.48		# of strides	11.74	11.48	0.26
wind -3.4 m/s	velocity		8.52		8.71	8.61		8.52	8.71	

McCorory, Francena (USA) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Junior Championships (Carson, CA)						*USATF Women's Sprint Development (2005)*			
date 24-Jun-05	time		11.76	17.32	23.22	23.22	8 / 3			
reaction time	interval			5.56	5.90	PB	# of strides	11.76	11.46	0.30
wind 0.6 m/s	velocity		8.50	8.99	8.47	8.61		8.50	8.73	

Lucas, Porscha (USA) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)						*USATF Women's Sprint Development (2006)*			
date 23-Jun-06	time	6.64	11.70	17.20	23.22	23.22	6 / 4			
reaction time	interval		5.06	5.50	6.02	PB	# of strides	11.70	11.52	0.18
wind 0.9 m/s	velocity	7.53	9.88	9.09	8.31	8.61		8.55	8.68	

Jones, Hayley (GBR) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Windsprint (Sundsvall, SWE)						*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		11.75		23.22	23.22	/ 1			
reaction time	interval				11.47		# of strides	11.75	11.47	0.28
wind 2.2 m/s	velocity		8.51		4.31	8.61		8.51	8.72	

Williams, Christania (JAM) (1994)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		11.81		23.22	23.22	4 / 1			
reaction time	interval				11.41		# of strides	11.81	11.41	0.40
wind 2.7 m/s	velocity		8.47		8.76	8.61		8.47	8.76	

Nelson, Ashleigh (GBR) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)							*European Athletics (2019) - race analysis*		
date 10-Sep-19	time	11.74		23.22	23.22	6 / 4			
reaction time 0.171	interval			11.48		# of strides	11.74	11.48	0.26
wind -0.1 m/s	velocity	8.52		8.71	8.61	95.2	8.52	8.71	

Beecher, Jacinta (AUS) (1998)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*		
date 18-Jul-22	time	11.61		23.22	23.22	3 / 3			
reaction time 0.133	interval			11.61		# of strides	11.61	11.61	0.00
wind 1.9 m/s	velocity	8.61		8.61	8.61	95.0	8.61	8.61	

García, Yunisleydis (CUB) (1999)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)							*Seiko Timing (2023) - world championship race analysis*		
date 23-Aug-23	time	11.67		23.22	23.22	6 / 6			
reaction time 0.161	interval			11.55		# of strides	11.67	11.55	0.12
wind -0.4 m/s	velocity	8.57		8.66	8.61	97.5	8.57	8.66	

Li Yuting (CHN) (2002)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)							*Shandong Athletics Sport Science (2024)*		
date 30-Jun-24	time	11.64	17.19	23.22	23.22	8 / 1			
reaction time 0.191	interval		5.55	6.03		# of strides	11.64	11.58	0.06
wind 0.3 m/s	velocity	8.59	9.01	8.29	8.61	91.0	8.59	8.64	

Anderson, Alexandria (USA) (1987)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 NCAA Championships (Sacramento, CA)							*Track Newsletter (2005) - NCAA women's championships*		
date 09-Jun-07	time	11.9		23.3	23.23	/ 7			
reaction time	interval			11.40		# of strides	11.90	11.40	0.50
wind 1.7 m/s	velocity	8.40		8.77	8.61		8.40	8.77	

Renzhina, Yekaterina (RUS) (1994)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*		
date 10-May-15	time 6.42	11.72	17.32	23.23	23.23	/ 5			
reaction time	interval	5.30	5.60	5.91		# of strides	11.72	11.51	0.21
wind 1.0 m/s	velocity 7.79	9.43	8.93	8.46	8.61	3 / 5	8.53	8.69	

Fukushima, Chisato (JPN) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National Championships (Niigata, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*		
date 27-Jun-15	time 6.40	11.67	17.21	23.23	23.23	4 / 1			
reaction time 0.149	interval	5.27	5.54	6.02		# of strides	11.67	11.56	0.11
wind 0.1 m/s	velocity 7.81	9.49	9.03	8.31	8.61	103.0	8.57	8.65	

Rockmeier, Gabi (GER) (1973)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2002 European Championships (Munich, GER)							*Graubner (2009) - http://www.fgs.uni-halle.de*		
date 08-Aug-02	time 6.53	11.72	17.20	23.24	23.24	/ 2			
reaction time 0.141	interval	5.19	5.48	6.04		# of strides	11.72	11.52	0.20
wind -1.1 m/s	velocity 7.66	9.63	9.12	8.28	8.61		8.53	8.68	

Cole, Leslie (USA) (1987)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)							*USATF Women's Sprint Development with HPC (2008)*		
date 05-Jul-08	time 6.69	12.01	17.38	23.24	23.24	1 / 8			
reaction time	interval	5.32	5.37	5.86	PB	# of strides	12.01	11.23	0.78
wind 0.0 m/s	velocity 7.47	9.40	9.31	8.53	8.61		8.33	8.90	

Gushchina, Yuliya (RUS) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date 20-Aug-09	time 6.35	11.53	17.07	23.24	23.24	7 / 6			
reaction time 0.175	interval	5.18	5.54	6.17		# of strides	11.53	11.71	-0.18
wind 0.5 m/s	velocity 7.87	9.65	9.03	8.10	8.61		8.67	8.54	

Hooper, Gloria (ITA) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2013 European U23 Championships (Tampere, FIN)							*FIDAL - Centro Studi & Ricerche (2013) - www.youtube.com/watch?v=MpQ2zdXjX-w*		
date 13-Jun-13	time 6.53	11.85	17.28	23.27	23.24	5 / 3			
reaction time 0.204	interval	5.32	5.43	5.99		# of strides	11.85	11.42	0.43
wind -0.5 m/s	velocity 7.66	9.40	9.21	8.35	8.61		8.44	8.76	

Odiong, Ofonime (BRN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.42	16.85	22.96	23.24	8 / 5			
reaction time	0.275	interval			5.43	6.11		# of strides	11.42	11.54	-0.12
wind	-0.2 m/s	velocity		8.76	9.21	8.18	8.61	95.6	8.76	8.67	

Wessolly, Jessica-Bianca (GER) (1996			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)								*European Athletics (2019) - race analysis*			
date	10-Sep-19	time		11.80		23.24	23.24	2 / 5			
reaction time	0.179	interval				11.44		# of strides	11.80	11.44	0.36
wind	-0.1 m/s	velocity		8.47		8.74	8.61	99.5	8.47	8.74	

Takács, Boglárka (HUN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.68		23.24	23.24	2 / 4			
reaction time	0.169	interval				11.56		# of strides	11.68	11.56	0.12
wind	-1.3 m/s	velocity		8.56		8.65	8.61	96.0	8.56	8.65	

Li Yuting (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.48	11.77	17.28	23.24	23.24	3 / 3			
reaction time	0.149	interval		5.29	5.51	5.96		# of strides	11.77	11.47	0.30
wind	0.6 m/s	velocity	7.72	9.45	9.07	8.39	8.61	92.0	8.50	8.72	

Sheehy, Ciara (IRL) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	08-Aug-02	time	6.42	11.64	17.16	23.25	23.25	/ 3			
reaction time	0.163	interval		5.22	5.52	6.09		# of strides	11.64	11.61	0.03
wind	-1.1 m/s	velocity	7.79	9.58	9.06	8.21	8.60		8.59	8.61	

Ennis, Jessica (GBR) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.53	11.76	17.33	23.25	23.25	7 / 1			
reaction time	0.182	interval		5.23	5.57	5.92		# of strides	11.76	11.49	0.27
wind	0.0 m/s	velocity	7.66	9.56	8.98	8.45	8.60		8.50	8.70	

Borlée, Olivia (BEL) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.40	11.61	17.13	23.25	23.25	8 / 3			
reaction time	0.166	interval		5.21	5.52	6.12		# of strides	11.61	11.64	-0.03
wind	0.0 m/s	velocity	7.81	9.60	9.06	8.17	8.60		8.61	8.59	

Smith, Nivea (BAH) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 NCAA Championships (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	12-Jun-10	time		11.9		23.3	23.25	/ 3			
reaction time		interval				11.40		# of strides	11.90	11.40	0.50
wind	1.2 m/s	velocity		8.40		8.77	8.60		8.40	8.77	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2011 IAAF World Championships (Daegu, KOR)								*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date	01-Sep-11	time	6.36	11.58	17.14	23.25	23.25	6 / 5			
reaction time	0.145	interval		5.22	5.56	6.11		# of strides	11.58	11.67	-0.09
wind	-0.1 m/s	velocity	7.86	9.58	8.99	8.18	8.60	103.7	8.64	8.57	

Rosolová, Denisa (CZE) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.54	11.78	17.33	23.25	23.25	5 / 1			
reaction time	0.205	interval		5.24	5.55	5.92		# of strides	11.78	11.47	0.31
wind	0.3 m/s	velocity	7.65	9.54	9.01	8.45	8.60		8.49	8.72	

Hylton, Shannon (GBR) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)								*Track Newsletter (2014) - World Junior championships women*			
date	25-Jul-14	time		11.6		23.3	23.25	8 / 4			
reaction time	0.173	interval				11.70		# of strides	11.60	11.70	-0.10
wind	2.4 m/s	velocity		8.62		8.55	8.60		8.62	8.55	

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

Hooper, Gloria (ITA) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.8	12.0	17.5	23.25	23.25	8 / 7			
reaction time	0.222	interval		5.20	5.50	5.75		# of strides	12.00	11.25	0.75
wind	0.2 m/s	velocity	7.35	9.62	9.09	8.70	8.60	97.5	8.33	8.89	

Fotopoulou, Oliva (CYP) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.70		23.25	23.25	5 / 4			
reaction time	0.128	interval				11.55		# of strides	11.70	11.55	0.15
wind	1.9 m/s	velocity		8.55		8.66	8.60	99.5	8.55	8.66	

Terry, Twanisha (USA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.34	11.53	17.06	23.25	23.25	6 / 5			
reaction time	0.166	interval		5.19	5.53	6.19		# of strides	11.53	11.72	-0.19
wind	-0.4 m/s	velocity	7.89	9.63	9.04	8.08	8.60	103.2	8.67	8.53	

Jiya, Tasa (NED) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	6.55	11.79	17.28	23.25	23.25	8 / 6			
reaction time	0.168	interval		5.24	5.49	5.97		# of strides	11.79	11.46	0.33
wind	-2.0 m/s	velocity	7.63	9.54	9.11	8.38	8.60	94.7	8.48	8.73	

Tatum, Adriana (USA) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.31	11.66	17.19	23.25	23.25	6 / 6			
reaction time		interval		5.35	5.53	6.06		# of strides	11.66	11.59	0.07
wind	0.2 m/s	velocity	7.92	9.35	9.04	8.25	8.60	98.0	8.58	8.63	

Chandler, Caisja (USA) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.58	11.97	17.50	23.25	23.25	2 / 9			
reaction time		interval		5.39	5.53	5.75		# of strides	11.97	11.28	0.69
wind	1.4 m/s	velocity	7.60	9.28	9.04	8.70	8.60	96.2	8.35	8.87	

Pelham, Shaunta (USA) (1970)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.42	11.71	17.17	23.26	23.26	4 / ~~4~~ 3			
reaction time		interval		5.29	5.46	6.09		# of strides	11.71	11.55	0.16
wind	0.5 m/s	velocity	7.79	9.45	9.16	8.21	8.60		8.54	8.66	

Weatherspoon, Alexis (USA) (1983)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	11-Jun-05	time		11.7		23.3	23.26	/ 4			
reaction time		interval				11.60		# of strides	11.70	11.60	0.10
wind	-0.7 m/s	velocity		8.55		8.62	8.60		8.55	8.62	

Woods, Shareese (USA) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	10-Jun-06	time		11.9		23.3	23.26	/ 6			
reaction time		interval				11.40		# of strides	11.90	11.40	0.50
wind	0.8 m/s	velocity		8.40		8.77	8.60		8.40	8.77	

Al-Gasara, Rakia (BRN) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.54	11.75	17.27	23.26	23.26	2 / ~~6~~			
reaction time	0.243	interval		5.21	5.52	5.99	DV	# of strides	11.75	11.51	0.24
wind	0.5 m/s	velocity	7.65	9.60	9.06	8.35	8.60		8.51	8.69	

Atcho-Jaquier, Sarah (SUI) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.50	11.70	17.18	23.26	23.26	8 / 6			
reaction time	0.158	interval		5.20	5.48	6.08		# of strides	11.70	11.56	0.14
wind	0.9 m/s	velocity	7.69	9.62	9.12	8.22	8.60		8.55	8.65	

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

Lee, Muna (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time		11.87	17.31	23.27	23.27	7 / 2			
reaction time		interval			5.44	5.96		# of strides	11.87	11.40	0.47
wind	1.4 m/s	velocity		8.42	9.19	8.39	8.59	90.0	8.42	8.77	

Durst, Stephanie (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.49	11.68	17.28	23.27	23.27	7 / 4			
reaction time		interval		5.19	5.60	5.99		# of strides	11.68	11.59	0.09
wind	1.6 m/s	velocity	7.70	9.63	8.93	8.35	8.59		8.56	8.63	

Williams, Tameka (SKN) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.51	11.75	17.26	23.27	23.27	8 / 3			
reaction time	0.173	interval		5.24	5.51	6.01		# of strides	11.75	11.52	0.23
wind	0.0 m/s	velocity	7.68	9.54	9.07	8.32	8.59		8.51	8.68	

Bolsun, Yelena (RUS) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	20-Aug-09	time	6.44	11.69	17.18	23.27	23.27	1 / ~~7~~ 6			
reaction time	0.121	interval		5.25	5.49	6.09		# of strides	11.69	11.58	0.11
wind	0.5 m/s	velocity	7.76	9.52	9.11	8.21	8.59		8.55	8.64	

Wei Yongli (CHN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Asian Games (Jakarta, INA)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	29-Aug-18	time	6.37	11.64	17.20	23.27	23.27	4 / 3			
reaction time	0.158	interval		5.27	5.56	6.07		# of strides	11.64	11.63	0.01
wind	-0.7 m/s	velocity	7.85	9.49	8.99	8.24	8.59	97.5	8.59	8.60	

Liang Xiaojing (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	6.08	11.96	17.48	23.27	23.27	5 / 1			
reaction time	0.174	interval		5.88	5.52	5.79		# of strides	11.96	11.31	0.65
wind	0.5 m/s	velocity	8.22	8.50	9.06	8.64	8.59	104.0	8.36	8.84	

Junk, Sophia (GER) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.66		23.27	23.27	3 / 5			
reaction time	0.138	interval				11.61		# of strides	11.66	11.61	0.05
wind	-0.2 m/s	velocity		8.58		8.61	8.59	101.0	8.58	8.61	

Connolly, Ella (AUS) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.62		23.27	23.27	3 / 5			
reaction time	0.136	interval				11.65		# of strides	11.62	11.65	-0.03
wind	0.9 m/s	velocity		8.61		8.58	8.59	95.0	8.61	8.58	

Liu Yinglan (CHN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Championships (Quzhou, CHN)								*Shandong Athletics Sport Science (2024)*			
date	16-Sep-24	time		11.91	17.47	23.27	23.27	4 / 1			
reaction time	0.191	interval			5.56	5.80	**PB**	# of strides	11.91	11.36	0.55
wind	-1.0 m/s	velocity		8.40	8.99	8.62	8.59	97.0	8.40	8.80	

Walton, Sue (USA) (1972)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.45	11.76	17.30	23.28	23.28	8 / 6			
reaction time		interval		5.31	5.54	5.98		# of strides	11.76	11.52	0.24
wind	2.3 m/s	velocity	7.75	9.42	9.03	8.36	8.59		8.50	8.68	

Feagin, Zundra (USA) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.40	11.73	17.25	23.28	23.28	2 / 7			
reaction time		interval		5.33	5.52	6.03		# of strides	11.73	11.55	0.18
wind	2.3 m/s	velocity	7.81	9.38	9.06	8.29	8.59		8.53	8.66	

Carter, Antonette (USA) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	11-Jun-05	time		11.8		23.3	23.28	/ 5			
reaction time		interval				11.50		# of strides	11.80	11.50	0.30
wind	-0.7 m/s	velocity		8.47		8.70	8.59		8.47	8.70	

Jones, Brittany (USA) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Junior Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	24-Jun-05	time		11.80	17.35	23.28	23.28	4 / 4			
reaction time		interval			5.55	5.93		# of strides	11.80	11.48	0.32
wind	0.6 m/s	velocity		8.47	9.01	8.43	8.59		8.47	8.71	

Anderson, Alexandria (USA) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.52	11.81	17.28	23.28	23.28	7 / 3			
reaction time		interval		5.29	5.47	6.00		# of strides	11.81	11.47	0.34
wind	1.3 m/s	velocity	7.67	9.45	9.14	8.33	8.59		8.47	8.72	

Zaytseva, Olga (RUS) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.51	11.76	17.32	23.28	23.28	4 / 4			
reaction time	0.178	interval		5.25	5.56	5.96		# of strides	11.76	11.52	0.24
wind	0.0 m/s	velocity	7.68	9.52	8.99	8.39	8.59		8.50	8.68	

Hjelmer, Moa (SWE) (1990)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		11.91	17.43	23.28	23.28	4 / 3			
reaction time		interval			5.52	5.85		# of strides	11.91	11.37	0.54
wind	1.6 m/s	velocity		8.40	9.06	8.55	8.59		8.40	8.80	

van Hunenstijn, Marije (NED) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time	6.6	12.0	17.5	23.28	23.28	1 / 6			
reaction time	0.149	interval		5.40	5.50	5.78		# of strides	12.00	11.28	0.72
wind	-0.4 m/s	velocity	7.58	9.26	9.09	8.65	8.59	95.0	8.33	8.87	

Vervaet, Imke (BEL) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.6	11.9	17.5	23.28	23.28	8 / 6			
reaction time	0.171	interval		5.30	5.60	5.78		# of strides	11.90	11.38	0.52
wind	0.4 m/s	velocity	7.58	9.43	8.93	8.65	8.59	99.2	8.40	8.79	

Jackson, Shawnti (USA) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Prefontaine Classic (Eugene, OR)								*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time	6.34	11.58	17.18	23.28	23.28	9 / 9			
reaction time	0.124	interval		5.24	5.60	6.10		# of strides	11.58	11.70	-0.12
wind	1.3 m/s	velocity	7.89	9.54	8.93	8.20	8.59	100.0	8.64	8.55	

Vervaet, Imke (BEL) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.93		23.28	23.28	1 / 5			
reaction time	0.136	interval				11.35		# of strides	11.93	11.35	0.58
wind	1.1 m/s	velocity		8.38		8.81	8.59	100.2	8.38	8.81	

Dobbin, Beth (GBR) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.3	11.7	17.3	23.28	23.28	4 / 3			
reaction time	0.130	interval		5.40	5.60	5.98		# of strides	11.70	11.58	0.12
wind	1.5 m/s	velocity	7.94	9.26	8.93	8.36	8.59	100.0	8.55	8.64	

Irby-Jackson, Lynna (USA) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.12	11.39	16.96	23.28	23.28	4 / 7			
reaction time		interval		5.27	5.57	6.32		# of strides	11.39	11.89	-0.50
wind	0.2 m/s	velocity	8.17	9.49	8.98	7.91	8.59	92.5	8.78	8.41	

Dia Longo, Fabé (FRA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-01	time	6.56	11.78	17.32	23.29	23.29	/ 7			
reaction time	0.153	interval		5.22	5.54	5.97		# of strides	11.78	11.51	0.27
wind	0.3 m/s	velocity	7.62	9.58	9.03	8.38	8.59		8.49	8.69	

Knight, Natalie (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	11-Jun-05	time		11.9		23.3	23.29	/ 6			
reaction time		interval				11.40		# of strides	11.90	11.40	0.50
wind	-0.7 m/s	velocity		8.40		8.77	8.59		8.40	8.77	

Danois, Johanna (FRA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2009 IAAF World Championships (Berlin, GER)									*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date	19-Aug-09	time	6.49	11.73	17.24	23.29	23.29	8 / 3			
reaction time	0.134	interval		5.24	5.51	6.05		# of strides	11.73	11.56	0.17
wind	0.3 m/s	velocity	7.70	9.54	9.07	8.26	8.59		8.53	8.65	

Freeman, Emily (GBR) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (200m straightaway)									*Jalava (2010) - www.tilastopaja.org*		
date	16-May-10	time		11.62	17.19	23.29	23.29	4 / 3			
reaction time		interval			5.57	6.10		# of strides	11.62	11.67	-0.05
wind	0.2 m/s	velocity		8.61	8.98	8.20	8.59		8.61	8.57	

Gardner, English (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)									*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*		
date	19-May-19	time	6.26	11.43	17.05	23.29	23.29	5 / 4			
reaction time	0.151	interval		5.17	5.62	6.24		# of strides	11.43	11.86	-0.43
wind	0.5 m/s	velocity	7.99	9.67	8.90	8.01	8.59	94.0	8.75	8.43	

Kaddari, Dalia (ITA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)									*Omega Timing (2022) - diamond league race analysis*		
date	09-Jun-22	time	6.44	11.66	17.22	23.29	23.29	9 / 8			
reaction time	0.148	interval		5.22	5.56	6.07		# of strides	11.66	11.63	0.03
wind	1.3 m/s	velocity	7.76	9.58	8.99	8.24	8.59	97.7	8.58	8.60	

Onyali, Mary (NGR) (1968)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)									*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*		
date	19-Jul-86	time		11.82	17.17	23.30	23.30	/ 2			
reaction time		interval			5.35	6.13		# of strides	11.82	11.48	0.34
wind	0.6 m/s	velocity		8.46	9.35	8.16	8.58		8.46	8.71	

Brice, Tremedia (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	11-Jun-05	time		11.6		23.3	23.30	/ 7			
reaction time		interval				11.70		# of strides	11.60	11.70	-0.10
wind	-0.7 m/s	velocity		8.62		8.55	8.58		8.62	8.55	

Hodge, Virgil (SKN) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	10-Jun-06	time		11.8		23.3	23.30	/ 7			
reaction time		interval				11.50		# of strides	11.80	11.50	0.30
wind	0.8 m/s	velocity		8.47		8.70	8.58		8.47	8.70	

Halkiá, Faní (GRE) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		11.85	17.33	23.30	23.30	/ 4			
reaction time	0.159	interval			5.48	5.97	**PB**	# of strides	11.85	11.45	0.40
wind	-2.0 m/s	velocity		8.44	9.12	8.38	8.58		8.44	8.73	

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	04-Jul-08	time		11.91	17.33	23.30	23.30	8 / 3			
reaction time		interval			5.42	5.97		# of strides	11.91	11.39	0.52
wind	1.4 m/s	velocity		8.40	9.23	8.38	8.58	100.5	8.40	8.78	

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	13-Sep-08	time	6.47	11.79	17.31	23.30	23.30	2 / 6			
reaction time	0.185	interval		5.32	5.52	5.99		# of strides	11.79	11.51	0.28
wind	0.1 m/s	velocity	7.73	9.40	9.06	8.35	8.58		8.48	8.69	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2015 IAAF World Championships (Beijing, CHN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	26-Aug-15	time	6.29	11.54	17.16	23.30	23.30	2 / 5			
reaction time	0.157	interval		5.25	5.62	6.14		# of strides	11.54	11.76	-0.22
wind	0.1 m/s	velocity	7.95	9.52	8.90	8.14	8.58	103.7	8.67	8.50	

Pointet, Léonie (SUI) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Athletissima (Lausanne, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	26-Aug-22	time	6.3	11.6	17.2	23.30	23.30	4 / 1			
reaction time	0.156	interval		5.30	5.60	6.10		# of strides	11.60	11.70	-0.10
wind	-0.9 m/s	velocity	7.94	9.43	8.93	8.20	8.58		8.62	8.55	

Atherley, Michelle (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	23-Jun-24	time	6.49	11.76	17.24	23.30	23.30	5 / 1			
reaction time		interval		5.27	5.48	6.06	**PB**	# of strides	11.76	11.54	0.22
wind	1.1 m/s	velocity	7.70	9.49	9.12	8.25	8.58		8.50	8.67	

Tsimanouskaya, Krystsina (POL) (199			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.52	11.80	17.32	23.30	23.30	6 / 5			
reaction time	0.181	interval		5.28	5.52	5.98		# of strides	11.80	11.50	0.30
wind	0.0 m/s	velocity	7.67	9.47	9.06	8.36	8.58	98.5	8.47	8.70	

Krabbe, Katrin (GDR) (1969)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)								*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	19-Jul-86	time		11.56	17.27	23.31	23.31	/ 3			
reaction time		interval			5.71	6.04		# of strides	11.56	11.75	-0.19
wind	0.6 m/s	velocity		8.65	8.76	8.28	8.58		8.65	8.51	

Young-Stone, Dannette (USA) (1964)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1995 USATF National Championships (Sacramento, CA)								*USATF Women's Sprint Development (1995)*			
date	18-Jun-95	time	6.50	11.83	17.32	23.31	23.31	1 / 8			
reaction time		interval		5.33	5.49	5.99		# of strides	11.83	11.48	0.35
wind	2.3 m/s	velocity	7.69	9.38	9.11	8.35	8.58		8.45	8.71	

Poelman, Jacqueline (NED) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.53	11.83	17.32	23.31	23.31	7 / 7			
reaction time	0.163	interval		5.30	5.49	5.99		# of strides	11.83	11.48	0.35
wind	-0.3 m/s	velocity	7.66	9.43	9.11	8.35	8.58		8.45	8.71	

Townsend, Tiffany (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	21-May-17	time	6.40	11.63	17.17	23.31	23.31	5 / 2			
reaction time	0.159	interval		5.23	5.54	6.14		# of strides	11.63	11.68	-0.05
wind	0.6 m/s	velocity	7.81	9.56	9.03	8.14	8.58	98.5	8.60	8.56	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.37	16.94	23.14	23.31	9 / 6			
reaction time	0.173	interval			5.57	6.20		# of strides	11.37	11.77	-0.40
wind	-0.2 m/s	velocity		8.80	8.98	8.06	8.58	95.3	8.80	8.50	

Tsimanouskaya, Krystsina (BLR) (199			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)								*European Athletics (2019) - race analysis*			
date	10-Sep-19	time		11.65		23.31	23.31	8 / 6			
reaction time	0.196	interval				11.66		# of strides	11.65	11.66	-0.01
wind	-0.1 m/s	velocity		8.58		8.58	8.58	101.2	8.58	8.58	

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

Bass, Gina (GAM) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2022) - diamond league race analysis*			
date	30-Jun-22	time	6.31	11.49	17.04	23.31	23.31	3 / 5			
reaction time	0.152	interval		5.18	5.55	6.27		# of strides	11.49	11.82	-0.33
wind	0.1 m/s	velocity	7.92	9.65	9.01	7.97	8.58	103.7	8.70	8.46	

Odiong, Ofonime (BRN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	19-Jul-22	time		11.73		23.31	23.31	1 / 7			
reaction time	0.160	interval				11.58		# of strides	11.73	11.58	0.15
wind	1.4 m/s	velocity		8.53		8.64	8.58	98.0	8.53	8.64	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	6.41	11.51	17.04	23.31	23.31	6 / 7			
reaction time	0.171	interval		5.10	5.53	6.27		# of strides	11.51	11.80	-0.29
wind	-2.0 m/s	velocity	7.80	9.80	9.04	7.97	8.58	98.0	8.69	8.47	

Li Yuting (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.37	11.64	17.23	23.31	23.31	9 / 7			
reaction time	0.148	interval		5.27	5.59	6.08		# of strides	11.64	11.67	-0.03
wind	0.5 m/s	velocity	7.85	9.49	8.94	8.22	8.58	91.0	8.59	8.57	

Tabakova, Yuliya (RUS) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.45	11.70	17.32	23.32	23.32	/ 6			
reaction time	0.144	interval		5.25	5.62	6.00		# of strides	11.70	11.62	0.08
wind	0.0 m/s	velocity	7.75	9.52	8.90	8.33	8.58		8.55	8.61	

Pelham, Shaunta (USA) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.66	11.96	17.40	23.32	23.32	2 / ~~7~~ 6			
reaction time		interval		5.30	5.44	5.92		# of strides	11.96	11.36	0.60
wind	0.0 m/s	velocity	7.51	9.43	9.19	8.45	8.58		8.36	8.80	

Neumiarzhytskaya, Alena (BLR) (1980			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)								*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	24-Jun-07	time		11.63	17.17	23.32	23.32	/ 5			
reaction time	0.213	interval			5.54	6.15	**PB**	# of strides	11.63	11.69	-0.06
wind	-2.0 m/s	velocity		8.60	9.03	8.13	8.58		8.60	8.55	

Hjelmer, Moa (SWE) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Windsprint (Sundsvall, SWE)								*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time		11.94		23.32	23.32	/ 2			
reaction time		interval				11.38		# of strides	11.94	11.38	0.56
wind	2.2 m/s	velocity		8.38		4.29	8.58		8.38	8.79	

Williams, Jodean (JAM) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.51	17.08	23.14	23.32	2 / 7			
reaction time	0.182	interval			5.57	6.06		# of strides	11.51	11.63	-0.12
wind	-0.2 m/s	velocity		8.69	8.98	8.25	8.58	94.4	8.69	8.60	

Miller, Polina (RUS) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)								*Koyama (2018) - research on athlete performance and technique- 2018 data book*			
date	14-Jul-18	time	6.60	11.83	17.35	23.32	23.32	6 / ~~5~~ 4			
reaction time	0.221	interval		5.23	5.52	5.97		# of strides	11.83	11.49	0.34
wind	-0.1 m/s	velocity	7.58	9.56	9.06	8.38	8.58		8.45	8.70	

Sharipova, Nigina (UZB) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Asian Games (Jakarta, INA)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	29-Aug-18	time	6.57	11.85	17.32	23.32	23.32	7 / 4			
reaction time	0.161	interval		5.28	5.47	6.00		# of strides	11.85	11.47	0.38
wind	-0.7 m/s	velocity	7.61	9.47	9.14	8.33	8.58	97.7	8.44	8.72	

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

Koné, Maboundou (CIV) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 18-Jul-22	time	11.74		23.32	23.32	2 / 6			
reaction time 0.176	interval			11.58		# of strides	11.74	11.58	0.16
wind 0.9 m/s	velocity	8.52		8.64	8.58	99.2	8.52	8.64	

Wessolly, Jessica-Bianca (GER) (1996	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)						*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25	time	6.46	11.75	17.33	23.32	23.32	1 / 7		
reaction time 0.160	interval		5.29	5.58	5.99		# of strides	11.75	11.57	0.18
wind 0.5 m/s	velocity	7.74	9.45	8.96	8.35	8.58	100.0	8.51	8.64	

Anliker-Aebi, Regula (SUI) (1965)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
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	6.55	11.81	17.45	23.33	23.33	2 / 8		
reaction time 0.199	interval		5.26	5.64	5.88		# of strides	11.81	11.52	0.29
wind 1.8 m/s	velocity	7.63	9.51	8.87	8.50	8.57		8.47	8.68	

Lucas, Porscha (USA) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time	6.45	11.88	17.30	23.33	23.33	6 / 4		
reaction time	interval		5.43	5.42	6.03		# of strides	11.88	11.45	0.43
wind 0.0 m/s	velocity	7.75	9.21	9.23	8.29	8.57		8.42	8.73	

Barber, Mikele (USA) (1980)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time	6.55	12.03	17.39	23.33	23.33	5 / 3		
reaction time	interval		5.48	5.36	5.94		# of strides	12.03	11.30	0.73
wind -1.3 m/s	velocity	7.63	9.12	9.33	8.42	8.57		8.31	8.85	

Anim, Vida (GHA) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	6.40	11.64	17.23	23.33	23.33	5 / 4		
reaction time 0.168	interval		5.24	5.59	6.10		# of strides	11.64	11.69	-0.05
wind 0.1 m/s	velocity	7.81	9.54	8.94	8.20	8.57		8.59	8.55	

White, Cierra (USA) (1993)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 NCAA Championships (Eugene, OR)						*Track Newsletter (2014) - NCAA women's championships*			
date 14-Jun-14	time	11.9		23.3	23.33	/ 8			
reaction time	interval			11.40		# of strides	11.90	11.40	0.50
wind 2.2 m/s	velocity	8.40		8.77	8.57		8.40	8.77	

Wessolly, Jessica-Bianca (GER) (1996	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 19-Jul-22	time	11.91		23.33	23.33	2 / 7			
reaction time 0.175	interval			11.42		# of strides	11.91	11.42	0.49
wind -0.1 m/s	velocity	8.40		8.76	8.57	97.0	8.40	8.76	

Suarez, Gabriela Anahi (ECU) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	6.29	11.53	17.13	23.33	23.33	4 / 5		
reaction time 0.144	interval		5.24	5.60	6.20		# of strides	11.53	11.80	-0.27
wind 0.0 m/s	velocity	7.95	9.54	8.93	8.06	8.57	102.7	8.67	8.47	

Lindahl, Nora (SWE) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	6.54	11.83	17.36	23.33	23.33	2 / 5		
reaction time 0.150	interval		5.29	5.53	5.97		# of strides	11.83	11.50	0.33
wind 0.0 m/s	velocity	7.65	9.45	9.04	8.38	8.57	95.5	8.45	8.70	

Kaddari, Dalia (ITA) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)						*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24	time	6.49	11.65	17.19	23.33	23.33	9 / 9		
reaction time 0.157	interval		5.16	5.54	6.14		# of strides	11.65	11.68	-0.03
wind 0.4 m/s	velocity	7.70	9.69	9.03	8.14	8.57		8.58	8.56	

Koné, Maboundou (CIV) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Memorial van damme (Brussels, BEL)						*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24	time	6.53	11.80	17.37	23.33	23.33	1 / ~~8~~ 7			
reaction time 0.189	interval		5.27	5.57	5.96		# of strides	11.80	11.53	0.27
wind 0.2 m/s	velocity	7.66	9.49	8.98	8.39	8.57	99.0	8.47	8.67	

Knight, Natalie (USA) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Junior Championships (Carson, CA)						*USATF Women's Sprint Development (2005)*			
date 24-Jun-05	time		11.86	17.40	23.34	23.34	1 / 5			
reaction time	interval			5.54	5.94		# of strides	11.86	11.48	0.38
wind 0.6 m/s	velocity		8.43	9.03	8.42	8.57		8.43	8.71	

Lowery, Santana (USA) (1987)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time	6.57	11.89	17.40	23.34	23.34	6 / 4			
reaction time	interval		5.32	5.51	5.94	PB	# of strides	11.89	11.45	0.44
wind 2.0 m/s	velocity	7.61	9.40	9.07	8.42	8.57		8.41	8.73	

Hodge, Virgil (SKN) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	6.43	11.61	17.13	23.34	23.34	1 / 4			
reaction time 0.172	interval		5.18	5.52	6.21		# of strides	11.61	11.73	-0.12
wind 0.1 m/s	velocity	7.78	9.65	9.06	8.05	8.57		8.61	8.53	

Al-Gasara, Rakia (BRN) (1982)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	6.55	11.75	17.30	23.34	23.34	2 / ~~5~~			
reaction time 0.231	interval		5.20	5.55	6.04	DV	# of strides	11.75	11.59	0.16
wind 0.0 m/s	velocity	7.63	9.62	9.01	8.28	8.57		8.51	8.63	

Henderson, Ashley (USA) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 NCAA Championships (Eugene, OR)						*Track Newsletter (2018) - NCAA women's championships*			
date 09-Jun-18	time		11.5		23.3	23.34	/ 6			
reaction time	interval				11.80		# of strides	11.50	11.80	-0.30
wind -2.3 m/s	velocity		8.70		8.47	8.57		8.70	8.47	

Owusu-Afriyie, Nana (AUS) (1999)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)						*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date 19-May-19	time	6.42	11.64	17.22	23.34	23.34	9 / 5			
reaction time 0.170	interval		5.22	5.58	6.12		# of strides	11.64	11.70	-0.06
wind 0.5 m/s	velocity	7.79	9.58	8.96	8.17	8.57	97.7	8.59	8.55	

Joseph, Gémima (FRA) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Meeting de Paris (Paris, FRA)						*Omega Timing (2023) - diamond league race analysis*			
date 09-Jun-23	time	6.27	11.63	17.24	23.34	23.34	1 / 8			
reaction time 0.169	interval		5.36	5.61	6.10		# of strides	11.63	11.71	-0.08
wind -0.4 m/s	velocity	7.97	9.33	8.91	8.20	8.57	101.5	8.60	8.54	

Tsimanouskaya, Krystsina (POL) (199	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 24-Aug-23	time		11.74		23.34	23.34	3 / 8			
reaction time 0.199	interval				11.60		# of strides	11.74	11.60	0.14
wind -0.2 m/s	velocity		8.52		8.62	8.57	101.0	8.52	8.62	

Jones, Allie (USA) (2000)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 23-Jun-24	time	6.54	11.90	17.42	23.34	23.34	7 / 2			
reaction time	interval		5.36	5.52	5.92	PB	# of strides	11.90	11.44	0.46
wind 1.1 m/s	velocity	7.65	9.33	9.06	8.45	8.57		8.40	8.74	

Gross, Mia (AUS) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 3 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 05-Aug-24	time	6.51	11.79	17.35	23.34	23.34	4 / 4			
reaction time 0.155	interval		5.28	5.56	5.99		# of strides	11.79	11.55	0.24
wind -0.4 m/s	velocity	7.68	9.47	8.99	8.35	8.57	96.0	8.48	8.66	

Irby-Jackson, Lynna (USA) (1998)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)						*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24	time	6.49	11.76	17.34	23.34	23.34	3 / 5			
reaction time 0.204	interval		5.27	5.58	6.00		# of strides	11.76	11.58	0.18
wind 0.1 m/s	velocity	7.70	9.49	8.96	8.33	8.57	93.0	8.50	8.64	

Morris, Brooklyn (USA) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 NCAA Championships (Sacramento, CA)						*Track Newsletter (2005) - NCAA women's championships*			
date 10-Jun-06	time		11.9		23.4	23.35	/ 8			
reaction time	interval				11.50		# of strides	11.90	11.50	0.40
wind 0.8 m/s	velocity		8.40		8.70	8.57		8.40	8.70	

Williams, Charonda (USA) (1987)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 05-Jul-08	time	6.60	11.94	17.46	23.35	23.35	3 / 4			
reaction time	interval		5.34	5.52	5.89		# of strides	11.94	11.41	0.53
wind 1.3 m/s	velocity	7.58	9.36	9.06	8.49	8.57		8.38	8.76	

Ferguson, Sheniqua (BAH) (1989)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	6.51	11.74	17.32	23.35	23.35	5 / 4			
reaction time 0.176	interval		5.23	5.58	6.03		# of strides	11.74	11.61	0.13
wind 0.0 m/s	velocity	7.68	9.56	8.96	8.29	8.57		8.52	8.61	

Townsend, Tiffany (USA) (1989)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 NCAA Championships (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 12-Jun-10	time		12.1		23.4	23.35	/ 4			
reaction time	interval				11.30		# of strides	12.10	11.30	0.80
wind 1.2 m/s	velocity		8.26		8.85	8.57		8.26	8.85	

Soumaré, Myriam (FRA) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (200m straightaway)						*Butler (2011) - Gay's last 100 in Manchester street 150*			
date 15-May-11	time	6.42	11.67	17.26	23.35	23.35	4 / 2			
reaction time	interval		5.25	5.59	6.09		# of strides	11.67	11.68	-0.01
wind 2.6 m/s	velocity	7.79	9.52	8.94	8.21	8.57		8.57	8.56	

Martin, Jada (USA) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)						*Track Newsletter (2014) - World Junior championships women*			
date 25-Jul-14	time		11.9		23.4	23.35	7 / 5			
reaction time 0.164	interval				11.50		# of strides	11.90	11.50	0.40
wind 2.4 m/s	velocity		8.40		8.70	8.57		8.40	8.70	

Fukushima, Chisato (JPN) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2018 Shizuoka International Meeting (Fukuroi, JPN)						*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date 03-May-18	time	6.37	11.61	17.19	23.35	23.35	4 / 1			
reaction time 0.176	interval		5.24	5.58	6.16		# of strides	11.61	11.74	-0.13
wind 1.1 m/s	velocity	7.85	9.54	8.96	8.12	8.57	105.5	8.61	8.52	

Léger, Catherine (CAN) (2000)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 18-Jul-22	time		11.76		23.35	23.35	7 / 5			
reaction time 0.133	interval				11.59		# of strides	11.76	11.59	0.17
wind 1.9 m/s	velocity		8.50		8.63	8.57	102.2	8.50	8.63	

Nazareno, Aimará (ECU) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 1 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 05-Aug-24	time	6.44	11.76	17.30	23.35	23.35	5 / 5			
reaction time 0.181	interval		5.32	5.54	6.05		# of strides	11.76	11.59	0.17
wind 0.6 m/s	velocity	7.76	9.40	9.03	8.26	8.57	96.7	8.50	8.63	

Burkett, Aspen (USA) (1976)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)						*USATF Women's Sprint Development (1996)*			
date 22-Jun-96	time		12.03	17.46	23.36	23.36	8 / 5			
reaction time	interval			5.43	5.90		# of strides	12.03	11.33	0.70
wind -0.5 m/s	velocity		8.31	9.21	8.47	8.56		8.31	8.83	

Safronnikova, Natallia (BLR) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)									*Jung (2003) - http://www.fgs.uni-halle.de*		
date	22-Jun-97	time	6.57	11.87	17.38	23.36	23.36	/ 4			
reaction time		interval		5.30	5.51	5.98		# of strides	11.87	11.49	0.38
wind	-0.2 m/s	velocity	7.61	9.43	9.07	8.36	8.56		8.42	8.70	

Maduaka, Joice (GBR) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	22-Sep-07	time	6.46	11.86	17.44	23.36	23.36	1 / 6			
reaction time		interval		5.40	5.58	5.92		# of strides	11.86	11.50	0.36
wind	0.5 m/s	velocity	7.74	9.26	8.96	8.45	8.56		8.43	8.70	

Cole, Leslie (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	05-Jul-08	time	6.69	11.94	17.37	23.36	23.36	8 / 5			
reaction time		interval		5.25	5.43	5.99	PB	# of strides	11.94	11.42	0.52
wind	0.0 m/s	velocity	7.47	9.52	9.21	8.35	8.56		8.38	8.76	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)									*Omega Timing (2022) - diamond league race analysis*		
date	09-Jun-22	time	6.48	11.81	17.39	23.36	23.36	1 / 9			
reaction time	0.154	interval		5.33	5.58	5.97		# of strides	11.81	11.55	0.26
wind	1.3 m/s	velocity	7.72	9.38	8.96	8.38	8.56	101.0	8.47	8.66	

Hulls, Georgia (NZL) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)									*Seiko Timing (2023) - world championship race analysis*		
date	23-Aug-23	time		11.88		23.36	23.36	2 / 5			
reaction time	0.148	interval				11.48		# of strides	11.88	11.48	0.40
wind	-0.4 m/s	velocity		8.42		8.71	8.56	99.0	8.42	8.71	

Gross, Mia (AUS) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.45	11.71	17.31	23.36	23.36	5 / 6			
reaction time	0.178	interval		5.26	5.60	6.05		# of strides	11.71	11.65	0.06
wind	0.0 m/s	velocity	7.75	9.51	8.93	8.26	8.56	96.7	8.54	8.58	

Bikar, Alenka (SLO) (1974)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.46	11.75	17.32	23.37	23.37	1 / 8			
reaction time	0.143	interval		5.29	5.57	6.05		# of strides	11.75	11.62	0.13
wind	-0.3 m/s	velocity	7.74	9.45	8.98	8.26	8.56		8.51	8.61	

Solomon, Shalonda (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)									*USATF Women's Sprint Development (2003)*		
date	21-Jun-03	time	6.59	12.01	17.47	23.37	23.37	6 / 1			
reaction time		interval		5.42	5.46	5.90		# of strides	12.01	11.36	0.65
wind	-1.5 m/s	velocity	7.59	9.23	9.16	8.47	8.56		8.33	8.80	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	04-Jul-08	time	6.51	11.89	17.37	23.37	23.37	3 / 4			
reaction time		interval		5.38	5.48	6.00		# of strides	11.89	11.48	0.41
wind	1.4 m/s	velocity	7.68	9.29	9.12	8.33	8.56	100.0	8.41	8.71	

Cole, Leslie (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	04-Jul-08	time	6.64	11.99	17.41	23.37	23.37	7 / 5			
reaction time		interval		5.35	5.42	5.96	PB	# of strides	11.99	11.38	0.61
wind	0.0 m/s	velocity	7.53	9.35	9.23	8.39	8.56		8.34	8.79	

Williams, Charonda (USA) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	05-Jul-08	time	6.54	11.88	17.45	23.37	23.37	2 / 7			
reaction time		interval		5.34	5.57	5.92		# of strides	11.88	11.49	0.39
wind	-0.1 m/s	velocity	7.65	9.36	8.98	8.45	8.56		8.42	8.70	

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

Gushchina, Yuliya (RUS) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	13-Sep-08	time	6.37	11.64	17.24	23.37	23.37	1 / 7			
reaction time	0.148	interval		5.27	5.60	6.13		# of strides	11.64	11.73	-0.09
wind	0.1 m/s	velocity	7.85	9.49	8.93	8.16	8.56		8.59	8.53	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)									*Omega Timing (2023) - diamond league race analysis*		
date	02-Jul-23	time	6.45	11.76	17.29	23.37	23.37	1 / 7			
reaction time	0.136	interval		5.31	5.53	6.08		# of strides	11.76	11.61	0.15
wind	-0.6 m/s	velocity	7.75	9.42	9.04	8.22	8.56	97.0	8.50	8.61	

Dickson, Camryn (USA) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 USA Olympic Trials (Eugene, OR)									*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*		
date	27-Jun-24	time	6.42	11.77	17.48	23.37	23.37	3 / 5			
reaction time		interval		5.35	5.71	5.89		# of strides	11.77	11.60	0.17
wind	0.8 m/s	velocity	7.79	9.35	8.76	8.49	8.56	102.7	8.50	8.62	

Azevedo, Ana Carolina (BRA) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.40	11.66	17.23	23.37	23.37	6 / 8			
reaction time	0.152	interval		5.26	5.57	6.14		# of strides	11.66	11.71	-0.05
wind	0.5 m/s	velocity	7.81	9.51	8.98	8.14	8.56	100.0	8.58	8.54	

Mihalinec Zidar, Maja (SLO) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)									*Omega Timing (2024) - diamond league race analysis*		
date	14-Sep-24	time	6.42	11.77	17.30	23.37	23.37	2 / 6			
reaction time	0.135	interval		5.35	5.53	6.07		# of strides	11.77	11.60	0.17
wind	0.1 m/s	velocity	7.79	9.35	9.04	8.24	8.56	99.0	8.50	8.62	

Li Yuting (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Championships (Quzhou, CHN)									*Shandong Athletics Sport Science (2024)*		
date	16-Sep-24	time		11.69	17.27	23.37	23.37	6 / 2			
reaction time	0.180	interval			5.58	6.10		# of strides	11.69	11.68	0.01
wind	-1.0 m/s	velocity		8.55	8.96	8.20	8.56	92.2	8.55	8.56	

Li Yuting (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)									*Omega Timing (2025) - diamond league race analysis*		
date	26-Apr-25	time	6.44	11.69	17.26	23.37	23.37	2 / 7			
reaction time	0.158	interval		5.25	5.57	6.11		# of strides	11.69	11.68	0.01
wind	0.4 m/s	velocity	7.76	9.52	8.98	8.18	8.56	92.7	8.55	8.56	

Knight, Natalie (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	04-Jul-08	time	6.59	11.91	17.38	23.38	23.38	5 / 3			
reaction time		interval		5.32	5.47	6.00		# of strides	11.91	11.47	0.44
wind	0.5 m/s	velocity	7.59	9.40	9.14	8.33	8.55	93.0	8.40	8.72	

Power, Adrienne (CAN) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2009 IAAF World Championships (Berlin, GER)									*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date	19-Aug-09	time	6.50	11.76	17.33	23.38	23.38	3 / ~~6~~ 5			
reaction time	0.176	interval		5.26	5.57	6.05		# of strides	11.76	11.62	0.14
wind	0.0 m/s	velocity	7.69	9.51	8.98	8.26	8.55		8.50	8.61	

Lloyd, Joella (ANT) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	19-Jul-22	time		11.86		23.38	23.38	1 / 8			
reaction time	0.190	interval				11.52		# of strides	11.86	11.52	0.34
wind	-0.1 m/s	velocity		8.43		8.68	8.55	100.5	8.43	8.68	

Gogl-Walli, Susanne (AUT) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)									*Seiko Timing (2023) - world championship race analysis*		
date	23-Aug-23	time		12.06		23.38	23.38	3 / 5			
reaction time	0.167	interval				11.32		# of strides	12.06	11.32	0.74
wind	-0.4 m/s	velocity		8.29		8.83	8.55	96.5	8.29	8.83	

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

Agyapong, Finette (GBR) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Athletissima (Lausanne, SUI)								*Omega Timing (2024) - diamond league race analysis*			
date	22-Aug-24	time	6.60	11.87	17.36	23.38	23.38	3 / 7			
reaction time	0.140	interval		5.27	5.49	6.02		# of strides	11.87	11.51	0.36
wind	0.9 m/s	velocity	7.58	9.49	9.11	8.31	8.55		8.42	8.69	

Roberts, Tameka (USA) (1974)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.88	17.29	23.39	23.39	7 / 6			
reaction time		interval			5.41	6.10		# of strides	11.88	11.51	0.37
wind	-0.5 m/s	velocity		8.42	9.24	8.20	8.55		8.42	8.69	

Kaidantzí, Ólga (GRE) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2002 European Championships (Munich, GER)								*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	09-Aug-02	time	6.57	11.87	17.39	23.39	23.39	/ 7			
reaction time	0.163	interval		5.30	5.52	6.00		# of strides	11.87	11.52	0.35
wind	0.0 m/s	velocity	7.61	9.43	9.06	8.33	8.55		8.42	8.68	

Lilja, Lisa (SWE) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time	6.6	11.8	17.4	23.39	23.39	8 / 7			
reaction time	0.155	interval		5.20	5.60	5.99	PB	# of strides	11.80	11.59	0.21
wind	-0.4 m/s	velocity	7.58	9.62	8.93	8.35	8.55	98.0	8.47	8.63	

Kambundji, Mujinga (SUI) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.36	11.58	17.20	23.39	23.39	8 / 6			
reaction time	0.146	interval		5.22	5.62	6.19		# of strides	11.58	11.81	-0.23
wind	-0.4 m/s	velocity	7.86	9.58	8.90	8.08	8.55	101.7	8.64	8.47	

Williams, Angela (USA) (1980)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 1996 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (1996)*			
date	22-Jun-96	time		11.98	17.35	23.40	23.40	2 / 7			
reaction time		interval			5.37	6.05	PB	# of strides	11.98	11.42	0.56
wind	-0.5 m/s	velocity		8.35	9.31	8.26	8.55		8.35	8.76	

Olear, Elizabeth (USA) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	23-Jun-06	time	6.64	11.76	17.33	23.40	23.40	7 / 5			
reaction time		interval		5.12	5.57	6.07		# of strides	11.76	11.64	0.12
wind	0.9 m/s	velocity	7.53	9.77	8.98	8.24	8.55		8.50	8.59	

Lewis, Mechelle (USA) (1980)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.47	11.72	17.30	23.40	23.40	2 / 6			
reaction time		interval		5.25	5.58	6.10		# of strides	11.72	11.68	0.04
wind	0.0 m/s	velocity	7.73	9.52	8.96	8.20	8.55		8.53	8.56	

Fukushima, Chisato (JPN) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	6.36	11.63	17.24	23.40	23.40	1 / 4			
reaction time	0.164	interval		5.27	5.61	6.16		# of strides	11.63	11.77	-0.14
wind	0.3 m/s	velocity	7.86	9.49	8.91	8.12	8.55		8.60	8.50	

Čechová, Katerína (CZE) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.43	11.73	17.30	23.40	23.40	3 / 2			
reaction time	0.161	interval		5.30	5.57	6.10	PB	# of strides	11.73	11.67	0.06
wind	0.3 m/s	velocity	7.78	9.43	8.98	8.20	8.55		8.53	8.57	

Wisil, Toea (PNG) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	21-May-17	time	6.30	11.49	17.10	23.40	23.40	6 / 3			
reaction time	0.157	interval		5.19	5.61	6.30		# of strides	11.49	11.91	-0.42
wind	0.6 m/s	velocity	7.94	9.63	8.91	7.94	8.55	103.5	8.70	8.40	

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Williams, Bianca (GBR) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)							*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*				
date	10-Aug-17	time		11.48	17.09	23.24	23.40	3 / 6			
reaction time	0.161	interval			5.61	6.15		# of strides	11.48	11.76	-0.28
wind	-0.2 m/s	velocity		8.71	8.91	8.13	8.55	101.4	8.71	8.50	

Liang Xiaojing (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)									*CAA Hurdle Development (2021)*		
date	12-Jun-21	time		11.63	17.16	23.40	23.40	5 / 1			
reaction time	0.156	interval			5.53	6.24		# of strides	11.63	11.77	-0.14
wind	-0.2 m/s	velocity		8.60	9.04	8.01	8.55	107.0	8.60	8.50	

Kaden, Lilly (GER) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)								*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time	6.5	11.7	17.4	23.40	23.40	1 / 7			
reaction time	0.206	interval			5.20	5.70	6.00	# of strides	11.70	11.70	0.00
wind	0.4 m/s	velocity	7.69	9.62	8.77	8.33	8.55	101.0	8.55	8.55	

Beecher, Jacinta (AUS) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.4	11.7	17.3	23.40	23.40	9 / 4			
reaction time	0.133	interval			5.30	5.60	6.10	# of strides	11.70	11.70	0.00
wind	1.9 m/s	velocity	7.81	9.43	8.93	8.20	8.55	94.0	8.55	8.55	

Dobbin, Beth (GBR) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	06-Aug-22	time	6.4	11.8	17.4	23.40	23.40	3 / 8			
reaction time	0.143	interval		5.40	5.60	6.00		# of strides	11.80	11.60	0.20
wind	0.6 m/s	velocity	7.81	9.26	8.93	8.33	8.55	98.0	8.47	8.62	

Atcho, Sarah (SUI) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.5	11.8	17.3	23.41	23.41	7 / 6			
reaction time	0.139	interval		5.3	5.5	6.11		# of strides	11.80	11.61	0.19
wind	1.0 m/s	velocity	7.69	9.43	9.09	8.18	8.54		8.47	8.61	

Huang Guifen (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)									*CAA Hurdle Development (2021)*		
date	12-Jun-21	time		11.80		23.41	23.41	6 / 1			
reaction time	0.176	interval				11.61		# of strides	11.80	11.61	0.19
wind	-0.4 m/s	velocity		8.47		8.61	8.54	97.0	8.47	8.61	

Del Ponte, Ajla (SUI) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)								*Omega Timing (2022) - diamond league race analysis*			
date	30-Jun-22	time	6.32	11.50	17.12	23.41	23.41	2 / 6			
reaction time	0.140	interval		5.18	5.62	6.29		# of strides	11.50	11.91	-0.41
wind	0.1 m/s	velocity	7.91	9.65	8.90	7.95	8.54	101.0	8.70	8.40	

Bazolo, Loréne Dorcas (POR) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.70		23.41	23.41	2 / 6			
reaction time	0.159	interval				11.71		# of strides	11.70	11.71	-0.01
wind	-0.2 m/s	velocity		8.55		8.54	8.54	99.5	8.55	8.54	

Connolly, Ella (AUS) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.3	11.7	17.3	23.41	23.41	4 / 2			
reaction time	0.141	interval		5.40	5.60	6.11		# of strides	11.70	11.71	-0.01
wind	0.0 m/s	velocity	7.94	9.26	8.93	8.18	8.54	94.2	8.55	8.54	

Han Qing (CHN) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1990 Asian Games (Beijing, CHN)							*Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*				
date	02-Oct-90	time		11.95	17.59	23.42	23.42	/ 1			
reaction time		interval			5.64	5.83		# of strides	11.95	11.47	0.48
wind	-1.0 m/s	velocity		8.37	8.87	8.58	8.54	98.6	8.37	8.72	

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Dyer, Tonette (USA) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2004 USA Olympic Trials (Sacramento, CA)									*USATF Women's Sprint Development (2004)*		
date	16-Jul-04	time	6.41	11.70	17.20	23.42	23.42	3 / 2			
reaction time		interval		5.29	5.50	6.22		# of strides	11.70	11.72	-0.02
wind	-0.6 m/s	velocity	7.80	9.45	9.09	8.04	8.54		8.55	8.53	

Hall, Monique (USA) (1980)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2004 USA Olympic Trials (Sacramento, CA)									*USATF Women's Sprint Development (2004)*		
date	16-Jul-04	time	6.44	11.79	17.29	23.42	23.42	5 / ~~3~~ 2			
reaction time		interval		5.35	5.50	6.13		# of strides	11.79	11.63	0.16
wind	-0.3 m/s	velocity	7.76	9.35	9.09	8.16	8.54		8.48	8.60	

Baptiste, Kelly-Ann (TTO) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 NCAA Championships (Sacramento, CA)									*Track Newsletter (2005) - NCAA women's championships*		
date	11-Jun-05	time		12.0		23.4	23.42	/ 8			
reaction time		interval				11.40		# of strides	12.00	11.40	0.60
wind	-0.7 m/s	velocity		8.33		8.77	8.54		8.33	8.77	

Bejnar, Monika (POL) (1981)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		11.77	17.33	23.42	23.42	/ 6			
reaction time	0.136	interval			5.56	6.09		# of strides	11.77	11.65	0.12
wind	-2.0 m/s	velocity		8.50	8.99	8.21	8.54		8.50	8.58	

Obregón, Darlenis (COL) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 IAAF World Championships (Berlin, GER)									*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date	19-Aug-09	time	6.55	11.84	17.06	23.42	23.42	3 / 5			
reaction time	0.177	interval		5.29	5.22	6.36		# of strides	11.84	11.58	0.26
wind	0.3 m/s	velocity	7.63	9.45	9.58	7.86	8.54		8.45	8.64	

Ográzeanu, Andreea (ROU) (1990)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 IAAF World Championships (Berlin, GER)									*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date	19-Aug-09	time	6.55	11.75	17.31	23.42	23.42	7 / 6			
reaction time	0.247	interval		5.20	5.56	6.11		# of strides	11.75	11.67	0.08
wind	0.3 m/s	velocity	7.63	9.62	8.99	8.18	8.54		8.51	8.57	

Das, Hima (IND) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)									*Longines Timing (2022) - commonwealth games race analysis*		
date	05-Aug-22	time	6.5	11.9	17.4	23.42	23.42	7 / 3			
reaction time	0.157	interval		5.40	5.50	6.02		# of strides	11.90	11.52	0.38
wind	0.0 m/s	velocity	7.69	9.26	9.09	8.31	8.54	102.0	8.40	8.68	

Pointet, Léonie (SUI) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.43	11.76	17.33	23.42	23.42	2 / 6			
reaction time	0.152	interval		5.33	5.57	6.09		# of strides	11.76	11.66	0.10
wind	1.4 m/s	velocity	7.78	9.38	8.98	8.21	8.54	104.0	8.50	8.58	

Myrick, Wyllesheia (USA) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	05-Jul-08	time	6.54	11.81	17.38	23.43	23.43	3 / 6			
reaction time		interval		5.27	5.57	6.05		# of strides	11.81	11.62	0.19
wind	0.0 m/s	velocity	7.65	9.49	8.98	8.26	8.54		8.47	8.61	

Hurtis-Houairi, Muriel (FRA) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	13-Sep-08	time	6.57	11.75	17.34	23.43	23.43	8 / 8			
reaction time	0.148	interval		5.18	5.59	6.09		# of strides	11.75	11.68	0.07
wind	0.1 m/s	velocity	7.61	9.65	8.94	8.21	8.54		8.51	8.56	

Safronova, Olga (KAZ) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Asian Games (Jakarta, INA)									*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*		
date	29-Aug-18	time	6.48	11.74	17.21	23.43	23.43	5 / 5			
reaction time	0.144	interval		5.26	5.47	6.22		# of strides	11.74	11.69	0.05
wind	-0.7 m/s	velocity	7.72	9.51	9.14	8.04	8.54	96.7	8.52	8.55	

Burghardt, Alexandra (GER) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	6.42	11.68	17.26	23.43	23.43	4 / 2			
reaction time	0.176	interval		5.26	5.58	6.17		# of strides	11.68	11.75	-0.07
wind	-0.4 m/s	velocity	7.79	9.51	8.96	8.10	8.54		8.56	8.51	

Nkansa, Delphine (BEL) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Memorial van Damme (Brussels, BEL)								*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	6.44	11.74	17.42	23.43	23.43	2 / 7			
reaction time	0.154	interval		5.30	5.68	6.01		# of strides	11.74	11.69	0.05
wind	0.2 m/s	velocity	7.76	9.43	8.80	8.32	8.54	102.0	8.52	8.55	

Kotwila, Martyna (POL) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.64	12.02	17.54	23.43	23.43	6 / 6			
reaction time	0.159	interval		5.38	5.52	5.89		# of strides	12.02	11.41	0.61
wind	0.0 m/s	velocity	7.53	9.29	9.06	8.49	8.54	99.0	8.32	8.76	

Floyd, Ebonie (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	22-Jun-03	time	6.61	12.01	17.58	23.44	23.44	1 / ~~8~~ 7			
reaction time		interval		5.40	5.57	5.86		# of strides	12.01	11.43	0.58
wind	0.0 m/s	velocity	7.56	9.26	8.98	8.53	8.53		8.33	8.75	

Carter, Antonette (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.41	11.80	17.37	23.44	23.44	8 / 3			
reaction time		interval		5.39	5.57	6.07		# of strides	11.80	11.64	0.16
wind	-0.6 m/s	velocity	7.80	9.28	8.98	8.24	8.53		8.47	8.59	

Hall, Monique (USA) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.51	11.76	17.32	23.44	23.44	3 / 3			
reaction time		interval		5.25	5.56	6.12		# of strides	11.76	11.68	0.08
wind	-1.2 m/s	velocity	7.68	9.52	8.99	8.17	8.53		8.50	8.56	

Moore, Connie (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Championships (Indianapolis, IN)								*USATF Women's Sprint Development (2006)*			
date	25-Jun-06	time	6.52	11.66	17.13	23.44	23.44	7 / 7			
reaction time		interval		5.14	5.47	6.31		# of strides	11.66	11.78	-0.12
wind	0.3 m/s	velocity	7.67	9.73	9.14	7.92	8.53		8.58	8.49	

Asumnu, Gloria (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		11.9		23.4	23.44	/ 8			
reaction time		interval				11.50		# of strides	11.90	11.50	0.40
wind	1.7 m/s	velocity		8.40		8.70	8.53		8.40	8.70	

Lucas, Porscha (USA) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.59	11.99	17.50	23.44	23.44	1 / 8			
reaction time		interval		5.40	5.51	5.94		# of strides	11.99	11.45	0.54
wind	-0.1 m/s	velocity	7.59	9.26	9.07	8.42	8.53		8.34	8.73	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)								*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date	12-Jun-11	time	6.30	11.56	17.24	23.44	23.44	/ 1			
reaction time		interval		5.26	5.68	6.20		# of strides	11.56	11.88	-0.32
wind	-0.7 m/s	velocity	7.94	9.51	8.80	8.06	8.53		8.65	8.42	

Russell, Carrie (JAM) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		11.71	17.28	23.44	23.44	4 / 1			
reaction time		interval			5.57	6.16		# of strides	11.71	11.73	-0.02
wind	-0.1 m/s	velocity		8.54	8.98	8.12	8.53		8.54	8.53	

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

Kodama, Mei (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese National Championships (Niigata, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	03-Oct-20	time	6.52	11.85	17.45	23.44	23.44	5 / 2			
reaction time	0.152	interval		5.33	5.60	5.99	PB	# of strides	11.85	11.59	0.26
wind	-0.1 m/s	velocity	7.67	9.38	8.93	8.35	8.53	98.5	8.44	8.63	

Horowska, Nikola (POL) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)								*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time	6.51	11.82	17.40	23.44	23.44	1 / 9			
reaction time	0.142	interval		5.31	5.58	6.04		# of strides	11.82	11.62	0.20
wind	0.2 m/s	velocity	7.68	9.42	8.96	8.28	8.53	97.7	8.46	8.61	

Bass, Gina (GAM) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.43	11.81	17.35	23.44	23.44	2 / 7			
reaction time	0.161	interval		5.38	5.54	6.09		# of strides	11.81	11.63	0.18
wind	0.8 m/s	velocity	7.78	9.29	9.03	8.21	8.53	103.2	8.47	8.60	

Azevedo, Ana Carolina (BRA) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.45	11.73	17.34	23.44	23.44	2 / 6			
reaction time	0.168	interval		5.28	5.61	6.10		# of strides	11.73	11.71	0.02
wind	0.6 m/s	velocity	7.75	9.47	8.91	8.20	8.53	103.0	8.53	8.54	

Johnson-Thompson, Katarina (GBR)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.48	11.78	17.40	23.44	23.44	5 / 1			
reaction time	0.186	interval		5.30	5.62	6.04		# of strides	11.78	11.66	0.12
wind	-0.5 m/s	velocity	7.72	9.43	8.90	8.28	8.53	90.5	8.49	8.58	

Carter, Antonette (USA) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.52	11.96	17.47	23.45	23.45	8 / ~~5~~ 4			
reaction time		interval		5.44	5.51	5.98		# of strides	11.96	11.49	0.47
wind	0.5 m/s	velocity	7.67	9.19	9.07	8.36	8.53		8.36	8.70	

Roseby, Hasani (USA) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.33	11.72	17.26	23.45	23.45	8 / 4			
reaction time		interval		5.39	5.54	6.19		# of strides	11.72	11.73	-0.01
wind	0.5 m/s	velocity	7.90	9.28	9.03	8.08	8.53	99.2	8.53	8.53	

Gandulla, Arialis (CUB) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)								*Track Newsletter (2014) - World Junior championships women*			
date	25-Jul-14	time		11.9		23.5	23.45	5 / 6			
reaction time	0.261	interval				11.60		# of strides	11.90	11.60	0.30
wind	2.4 m/s	velocity		8.40		8.62	8.53		8.40	8.62	

Raffai, Estelle (FRA) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.54	17.14	23.27	23.45	3 / 8			
reaction time	0.183	interval			5.60	6.13		# of strides	11.54	11.73	-0.19
wind	-0.2 m/s	velocity		8.67	8.93	8.16	8.53	95.5	8.67	8.53	

Ge Manqi (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	5.95	11.69	17.22	23.45	23.45	5 / 1			
reaction time	0.180	interval		5.74	5.53	6.23		# of strides	11.69	11.76	-0.07
wind	0.4 m/s	velocity	8.40	8.71	9.04	8.03	8.53	104.0	8.55	8.50	

Kong Lingwei (CHN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	6.10	11.97	17.58	23.45	23.45	4 / 2			
reaction time	0.256	interval		5.87	5.61	5.87		# of strides	11.97	11.48	0.49
wind	0.4 m/s	velocity	8.20	8.52	8.91	8.52	8.53	100.5	8.35	8.71	

Cai Yanting (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2021 Chinese National Championships (Chongqing, CHN)										*CAA Hurdle Development (2021)*	
date	27-Jun-21	time	6.08	12.01	17.72	23.45	23.45	6 / 3			
reaction time	0.165	interval		5.93	5.71	5.73		# of strides	12.01	11.44	0.57
wind	0.4 m/s	velocity	8.22	8.43	8.76	8.73	8.53	97.5	8.33	8.74	

Azevedo, Ana Carolina (BRA) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.85		23.45	23.45	6 / 6			
reaction time	0.176	interval				11.60		# of strides	11.85	11.60	0.25
wind	0.4 m/s	velocity		8.44		8.62	8.53	103.5	8.44	8.62	

Samuel, Jamile (NED) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 FBK Games (Hengelo, NED)								*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	6.56	11.94	17.50	23.45	23.45	2 / 7			
reaction time	0.155	interval		5.38	5.56	5.95		# of strides	11.94	11.51	0.43
wind	1.4 m/s	velocity	7.62	9.29	8.99	8.40	8.53	100.5	8.38	8.69	

Azevedo, Ana Carolina (BRA) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.75		23.45	23.45	2 / 7			
reaction time	0.182	interval				11.70		# of strides	11.75	11.70	0.05
wind	-0.4 m/s	velocity		8.51		8.55	8.53	102.5	8.51	8.55	

Pereira, Shanti Veronica (SGP) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.58	11.85	17.41	23.45	23.45	3 / 7			
reaction time	0.183	interval		5.27	5.56	6.04		# of strides	11.85	11.60	0.25
wind	0.6 m/s	velocity	7.60	9.49	8.99	8.28	8.53	99.7	8.44	8.62	

Perry, Nanceen (USA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)										*USATF Women's Sprint Development (1996)*	
date	22-Jun-96	time		11.96	17.43	23.46	23.46	2 / 5			
reaction time		interval			5.47	6.03		# of strides	11.96	11.50	0.46
wind	0.5 m/s	velocity		8.36	9.14	8.29	8.53		8.36	8.70	

Saito, Ami (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National Championships (Nagoya, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	26-Jun-16	time	6.49	11.75	17.33	23.46	23.46	/ 2			
reaction time		interval		5.26	5.58	6.13	NJR	# of strides	11.75	11.71	0.04
wind	1.8 m/s	velocity	7.70	9.51	8.96	8.16	8.53		8.51	8.54	

Wei Yongli (CHN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)								*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date	03-Aug-19	time	6.49	11.70	17.31	23.46	23.46	3 / 2			
reaction time		interval		5.21	5.61	6.15		# of strides	11.70	11.76	-0.06
wind	0.2 m/s	velocity	7.70	9.60	8.91	8.13	8.53		8.55	8.50	

Kong Lingwei (CHN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)										*CAA Hurdle Development (2021)*	
date	12-Jun-21	time		11.78	17.27	23.46	23.46	6 / 2			
reaction time	0.245	interval			5.49	6.19		# of strides	11.78	11.68	0.10
wind	-0.2 m/s	velocity		8.49	9.11	8.08	8.53	102.0	8.49	8.56	

Kodama, Mei (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese National Championships (Osaka, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	27-Jun-21	time	6.51	11.87	17.43	23.46	23.46	6 / 1			
reaction time	0.183	interval		5.36	5.56	6.03		# of strides	11.87	11.59	0.28
wind	-1.0 m/s	velocity	7.68	9.33	8.99	8.29	8.53	100.0	8.42	8.63	

Nekhubui, Shirley (RSA) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.84		23.46	23.46	7 / 7			
reaction time	0.186	interval				11.62		# of strides	11.84	11.62	0.22
wind	0.4 m/s	velocity		8.45		8.61	8.53	193.5	8.45	8.61	

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

Hulls, Georgia (NZL) (1999)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 18-Jul-22	time		11.74		23.46	23.46	6 / 6		
reaction time 0.136	interval				11.72		# of strides	11.74	11.72	0.02
wind 1.9 m/s	velocity		8.52		8.53	8.53	97.5	8.52	8.53	

Pereira, Shanti Veronica (SGP) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 05-Aug-22	time	6.4	11.9	17.5	23.46	23.46	2 / 5		
reaction time 0.182	interval		5.50	5.60	5.96	=NR =PB	# of strides	11.90	11.56	0.34
wind 1.9 m/s	velocity	7.81	9.09	8.93	8.39	8.53	97.0	8.40	8.65	

Jefferson, Melissa (USA) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)						*Grand Slam Track (2025) - results and splits by race*			
date 06-Apr-25	time	6.36	11.54	17.27	23.46	23.46	6 / 1		
reaction time 0.200	interval		5.18	5.73	6.19		# of strides	11.54	11.92	-0.38
wind -4.7 m/s	velocity	7.86	9.65	8.73	8.08	8.53	93.0	8.67	8.39	

Jones, Esther (USA) (1969)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)						*USATF Women's Sprint Development (1996)*			
date 22-Jun-96	time		12.00	17.43	23.47	23.47	1 / 8		
reaction time	interval			5.43	6.04		# of strides	12.00	11.47	0.53
wind -0.5 m/s	velocity		8.33	9.21	8.28	8.52		8.33	8.72	

Sheehy, Ciara (IRL) (1980)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2002 European Championships (Munich, GER)						*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	6.58	11.86	17.44	23.47	23.47	/ 5		
reaction time 0.163	interval		5.28	5.58	6.03		# of strides	11.86	11.61	0.25
wind 1.0 m/s	velocity	7.60	9.47	8.96	8.29	8.52		8.43	8.61	

Layne, Lynne (USA) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time	6.37	11.66	17.30	23.47	23.47	3 / 5		
reaction time	interval		5.29	5.64	6.17		# of strides	11.66	11.81	-0.15
wind 0.5 m/s	velocity	7.85	9.45	8.87	8.10	8.52	99.5	8.58	8.47	

Williams, Charonda (USA) (1987)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)						*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date 21-May-17	time	6.41	11.60	17.19	23.47	23.47	7 / 4		
reaction time 0.156	interval		5.19	5.59	6.28		# of strides	11.60	11.87	-0.27
wind 0.6 m/s	velocity	7.80	9.63	8.94	7.96	8.52	97.7	8.62	8.42	

Huang Guifen (CHN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Chinese National Championships (Chongqing, CHN)						*CAA Hurdle Development (2021)*			
date 27-Jun-21	time		11.95	17.51	23.47	23.47	6 / 2		
reaction time 0.193	interval			5.56	5.96		# of strides	11.95	11.52	0.43
wind -0.2 m/s	velocity		8.37	8.99	8.39	8.52	95.5	8.37	8.68	

Sulyán, Alexa (HUN) (2005)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 23-Aug-23	time		11.87		23.47	23.47	7 / 6		
reaction time 0.163	interval				11.60		# of strides	11.87	11.60	0.27
wind -0.4 m/s	velocity		8.42		8.62	8.52	99.2	8.42	8.62	

Mashova, Ekaterina (BUL) (1974)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2002 European Championships (Munich, GER)						*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 09-Aug-02	time	6.53	11.87	17.49	23.48	23.48	/ 6		
reaction time 0.141	interval		5.34	5.62	5.99		# of strides	11.87	11.61	0.26
wind 1.0 m/s	velocity	7.66	9.36	8.90	8.35	8.52		8.42	8.61	

Duncan, Dominique (USA) (1990)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 NCAA Championships (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 12-Jun-10	time		12.0		23.5	23.48	/ 5		
reaction time	interval				11.50		# of strides	12.00	11.50	0.50
wind 1.2 m/s	velocity		8.33		8.70	8.52		8.33	8.70	

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

Whyte, Natalliah (JAM) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)						*Track Newsletter (2014) - World Junior championships women*			
date 25-Jul-14	time	11.8		23.5	23.48	1 / 7			
reaction time 0.210	interval			11.70		# of strides	11.80	11.70	0.10
wind 2.4 m/s	velocity	8.47		8.55	8.52		8.47	8.55	

Liang Xiaojing (CHN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Chinese National Championships (Chongqing, CHN)						*CAA Hurdle Development (2021)*			
date 27-Jun-21	time	11.84	17.42	23.48	23.48	4 / 3			
reaction time 0.174	interval		5.58	6.06		# of strides	11.84	11.64	0.20
wind -0.2 m/s	velocity	8.45	8.96	8.25	8.52	104.0	8.45	8.59	

Hjelmer, Moa (SWE) (1990)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21	time 6.7	12.0	17.6	23.48	23.48	2 / 8			
reaction time 0.164	interval	5.30	5.60	5.88		# of strides	12.00	11.48	0.52
wind -0.4 m/s	velocity 7.46	9.43	8.93	8.50	8.52	98.0	8.33	8.71	

Johnson-Thompson, Katarina (GBR)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 19-Aug-23	time	12.02		23.48	23.48	6 / 1			
reaction time 0.184	interval			11.46		# of strides	12.02	11.46	0.56
wind 0.0 m/s	velocity	8.32		8.73	8.52	89.5	8.32	8.73	

Pulkkinen, Aino (FIN) (1998)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 23-Aug-23	time	11.91		23.48	23.48	4 / 8			
reaction time 0.146	interval			11.57		# of strides	11.91	11.57	0.34
wind -0.4 m/s	velocity	8.40		8.64	8.52	97.0	8.40	8.64	

Mayo, Treshell (USA) (1974)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)						*USATF Women's Sprint Development (1996)*			
date 22-Jun-96	time	11.89	17.46	23.49	23.49	1 / 6			
reaction time	interval		5.57	6.03		# of strides	11.89	11.60	0.29
wind 0.5 m/s	velocity	8.41	8.98	8.29	8.51		8.41	8.62	

Thomas, Tamara (JAM) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 NCAA Championships (Sacramento, CA)						*Track Newsletter (2005) - NCAA women's championships*			
date 10-Jun-06	time	12.1		23.5	23.49	/ 9			
reaction time	interval			11.40		# of strides	12.10	11.40	0.70
wind 0.8 m/s	velocity	8.26		8.77	8.51		8.26	8.77	

Hastings, Natasha (USA) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time 6.67	11.91	17.50	23.49	23.49	7 / 6			
reaction time	interval	5.24	5.59	5.99		# of strides	11.91	11.58	0.33
wind 0.5 m/s	velocity 7.50	9.54	8.94	8.35	8.51	97.2	8.40	8.64	

Floyd, Ebonie (USA) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)						*USATF Women's Sprint Development with HPC (2008)*			
date 04-Jul-08	time 6.60	11.91	17.40	23.49	23.49	7 / 2			
reaction time	interval	5.31	5.49	6.09		# of strides	11.91	11.58	0.33
wind 1.2 m/s	velocity 7.58	9.42	9.11	8.21	8.51		8.40	8.64	

Pointet, Léonie (SUI) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Athletissima (Lausanne, SUI)						*Omega Timing (2021) - diamond league race analysis*			
date 26-Aug-21	time 6.5	11.9	17.5	23.49	23.49	2 / 6			
reaction time 0.137	interval	5.40	5.60	5.99		# of strides	11.90	11.59	0.31
wind 2.5 m/s	velocity 7.69	9.26	8.93	8.35	8.51	104.5	8.40	8.63	

Niederberfer, Julia (SUI) (2000)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Athletissima (Lausanne, SUI)						*Omega Timing (2022) - diamond league race analysis*			
date 26-Aug-22	time 6.5	11.8	17.3	23.49	23.49	6 / 2			
reaction time 0.148	interval	5.30	5.50	6.19		# of strides	11.80	11.69	0.11
wind -0.9 m/s	velocity 7.69	9.43	9.09	8.08	8.51		8.47	8.55	

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

Huang Guifen (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	28-Jun-23	time		11.78	17.39	23.49	23.49	6 / 1			
reaction time	0.161	interval			5.61	6.10		# of strides	11.78	11.71	0.07
wind	0.2 m/s	velocity		8.49	8.91	8.20	8.51	96.0	8.49	8.54	

Tsuruta, Remi (JPN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National Championsips (Osaka, JPN)										*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*	
date	04-Aug-23	time	6.50	11.81	17.42	23.49	23.49	2 / 2			
reaction time	0.170	interval		5.31	5.61	6.07		# of strides	11.81	11.68	0.13
wind	-0.2 m/s	velocity	7.69	9.42	8.91	8.24	8.51	98.0	8.47	8.56	

Tsuruta, Remi (JPN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)										*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*	
date	23-Aug-23	time	6.43	11.76	17.36	23.49	23.49	5 / 6			
reaction time	0.157	interval		5.33	5.60	6.13		# of strides	11.76	11.73	0.03
wind	-0.3 m/s	velocity	7.78	9.38	8.93	8.16	8.51	99.0	8.50	8.53	

Kaddari, Dalia (ITA) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	04-Aug-24	time	6.49	11.67	17.29	23.49	23.49	7 / 6			
reaction time	0.145	interval		5.18	5.62	6.20		# of strides	11.67	11.82	-0.15
wind	0.0 m/s	velocity	7.70	9.65	8.90	8.06	8.51	97.0	8.57	8.46	

Bongiorni, Anna (ITA) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	04-Aug-24	time	6.49	11.75	17.29	23.49	23.49	8 / 7			
reaction time	0.159	interval		5.26	5.54	6.20		# of strides	11.75	11.74	0.01
wind	0.0 m/s	velocity	7.70	9.51	9.03	8.06	8.51	101.7	8.51	8.52	

Tamayo-Garza, Cecilia (MEX) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 3 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	05-Aug-24	time	6.43	11.61	17.18	23.49	23.49	6 / 5			
reaction time	0.154	interval		5.18	5.57	6.31		# of strides	11.61	11.88	-0.27
wind	-0.4 m/s	velocity	7.78	9.65	8.98	7.92	8.51	98.7	8.61	8.42	

Terry, Twanisha (USA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)										*Omega Timing (2025) - diamond league race analysis*	
date	03-May-25	time	6.39	11.63	17.26	23.49	23.49	9 / 8			
reaction time	0.161	interval		5.24	5.63	6.23		# of strides	11.63	11.86	-0.23
wind	0.5 m/s	velocity	7.82	9.54	8.88	8.03	8.51	103.0	8.60	8.43	

Dia Longo, Fabé (FRA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2002 European Championships (Munich, GER)										*Graubner (2009) - http://www.fgs.uni-halle.de*	
date	09-Aug-02	time	6.67	11.92	17.50	23.50	23.50	/ 8			
reaction time	0.156	interval		5.25	5.58	6.00		# of strides	11.92	11.58	0.34
wind	0.0 m/s	velocity	7.50	9.52	8.96	8.33	8.51		8.39	8.64	

Dyer, Tonette (USA) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)										*USATF Women's Sprint Development (2004)*	
date	17-Jul-04	time	6.36	11.64	17.27	23.50	23.50	6 / 4			
reaction time		interval		5.28	5.63	6.23		# of strides	11.64	11.86	-0.22
wind	-1.2 m/s	velocity	7.86	9.47	8.88	8.03	8.51		8.59	8.43	

Young, Jessica (USA) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)										*USATF Women's Sprint Development (2006)*	
date	23-Jun-06	time	6.64	12.01	17.60	23.50	23.50	2 / 6			
reaction time		interval		5.37	5.59	5.90	PB	# of strides	12.01	11.49	0.52
wind	0.9 m/s	velocity	7.53	9.31	8.94	8.47	8.51		8.33	8.70	

Durst, Stephanie (USA) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 IAAF World Athletics Final (Stuttgart, GER)										*Graubner (2007) - http://www.fgs.uni-halle.de*	
date	22-Sep-07	time	6.41	11.59	17.21	23.50	23.50	6 / 7			
reaction time		interval		5.18	5.62	6.29		# of strides	11.59	11.91	-0.32
wind	0.5 m/s	velocity	7.80	9.65	8.90	7.95	8.51		8.63	8.40	

Cox, Shana (USA) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.70	12.02	17.55	23.50	23.50	5 / 5			
reaction time		interval		5.32	5.53	5.95		# of strides	12.02	11.48	0.54
wind	2.0 m/s	velocity	7.46	9.40	9.04	8.40	8.51		8.32	8.71	

Lückenkemper, Gina (GER) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2014 IAAF World Junior Championships (Eugene, OR)								*Track Newsletter (2014) - World Junior championships women*			
date	25-Jul-14	time		12.2		23.5	23.50	2 / 8			
reaction time	0.311	interval				11.30		# of strides	12.20	11.30	0.90
wind	2.4 m/s	velocity		8.20		8.85	8.51		8.20	8.85	

Huang Guifen (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	6.16	12.08	17.63	23.50	23.50	4 / 2			
reaction time	0.235	interval		5.92	5.55	5.87		# of strides	12.08	11.42	0.66
wind	0.5 m/s	velocity	8.12	8.45	9.01	8.52	8.51	95.2	8.28	8.76	

Safronova, Olga (KAZ) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.58		23.50	23.50	7 / 7			
reaction time	0.108	interval				11.92		# of strides	11.58	11.92	-0.34
wind	2.5 m/s	velocity		8.64		8.39	8.51	96.7	8.64	8.39	

Kotwila, Martyna (POL) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Repechage 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.62	12.02	17.59	23.50	23.50	5 / 4			
reaction time	0.138	interval		5.40	5.57	5.91		# of strides	12.02	11.48	0.54
wind	0.6 m/s	velocity	7.55	9.26	8.98	8.46	8.51	99.5	8.32	8.71	

Terry, Twanisha (USA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.44	11.69	17.28	23.50	23.50	9 / 8			
reaction time	0.178	interval		5.25	5.59	6.22		# of strides	11.69	11.81	-0.12
wind	0.4 m/s	velocity	7.76	9.52	8.94	8.04	8.51	102.0	8.55	8.47	

Knott, Kristina (PHI) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Asian Games (Jakarta, INA)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	29-Aug-18	time	6.50	11.75	17.37	23.51	23.51	2 / 6			
reaction time	0.125	interval		5.25	5.62	6.14		# of strides	11.75	11.76	-0.01
wind	-0.7 m/s	velocity	7.69	9.52	8.90	8.14	8.51	96.5	8.51	8.50	

Kong Lingwei (CHN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Asian Games (Jakarta, INA)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	29-Aug-18	time	6.48	11.72	17.28	23.51	23.51	8 / 7			
reaction time	0.122	interval		5.24	5.56	6.23		# of strides	11.72	11.79	-0.07
wind	-0.7 m/s	velocity	7.72	9.54	8.99	8.03	8.51	100.0	8.53	8.48	

Kortetmaa, Annlina (FIN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.78		23.51	23.51	7 / 7			
reaction time	0.140	interval				11.73		# of strides	11.78	11.73	0.05
wind	-0.2 m/s	velocity		8.49		8.53	8.51	100.0	8.49	8.53	

Caicedo, Nicole (ECU) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.98		23.51	23.51	2 / 7			
reaction time	0.232	interval				11.53		# of strides	11.98	11.53	0.45
wind	-0.4 m/s	velocity		8.35		8.67	8.51	96.5	8.35	8.67	

Kambundji, Mujinga (SUI) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	6.36	11.64	17.32	23.51	23.51	5 / 9			
reaction time	0.114	interval		5.28	5.68	6.19		# of strides	11.64	11.87	-0.23
wind	0.4 m/s	velocity	7.86	9.47	8.80	8.08	8.51	101.0	8.59	8.42	

Perry, Nanceen (USA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1996 USATF National Junior Championships (Delaware, OH)										*USATF Women's Sprint Development (1996)*	
date	29-Jun-96	time	6.65	11.96	17.50	23.52	23.52	4 / 1			
reaction time		interval		5.31	5.54	6.02		# of strides	11.96	11.56	0.40
wind	-1.3 m/s	velocity	7.52	9.42	9.03	8.31	8.50		8.36	8.65	

Fukushima, Chisato (JPN) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2011 IAAF World Championships (Daegu, KOR)								*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date	01-Sep-11	time	6.46	11.80	17.51	23.52	23.52	1 / 8			
reaction time	0.134	interval		5.34	5.71	6.01		# of strides	11.80	11.72	0.08
wind	-0.7 m/s	velocity	7.74	9.36	8.76	8.32	8.50	104.0	8.47	8.53	

Kortetmaa, Annlina (FIN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.82		23.52	23.52	4 / 7			
reaction time	0.154	interval				11.70		# of strides	11.82	11.70	0.12
wind	-0.7 m/s	velocity		8.46		8.55	8.50	98.5	8.46	8.55	

Nazareno, Aimará (ECU) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.47	11.84	17.44	23.52	23.52	4 / 7			
reaction time	0.196	interval		5.37	5.60	6.08		# of strides	11.84	11.68	0.16
wind	0.0 m/s	velocity	7.73	9.31	8.93	8.22	8.50	97.2	8.45	8.56	

Rosolová, Denisa (CZE) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Great CityGames (Manchester, GBR) (200m straightaway)								*Jalava (2012) - www.tilastopaja.org*			
date	20-May-12	time		11.84		23.53	23.53	2 / 2			
reaction time		interval				11.69		# of strides	11.84	11.69	0.15
wind	-0.3 m/s	velocity		8.45		4.25	8.50		8.45	8.55	

Hill, Deanna (USA) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 NCAA Championships (Eugene, OR)								*Track Newsletter (2018) - NCAA women's championships*			
date	09-Jun-18	time		11.9		23.5	23.53	/ 7			
reaction time		interval				11.60		# of strides	11.90	11.60	0.30
wind	-2.3 m/s	velocity		8.40		8.62	8.50		8.40	8.62	

Safronova, Olga (KAZ) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.5	11.8	17.3	23.53	23.53	5 / 7			
reaction time	0.143	interval		5.3	5.5	6.23		# of strides	11.80	11.73	0.07
wind	1.0 m/s	velocity	7.69	9.43	9.09	8.03	8.50	96.5	8.47	8.53	

Huang Guifen (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	13-Jun-21	time		11.91		23.53	23.53	5 / 1			
reaction time	0.202	interval				11.62		# of strides	11.91	11.62	0.29
wind	0.2 m/s	velocity		8.40		8.61	8.50	97.0	8.40	8.61	

Pereira, Shanti Veronica (SGP) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		12.00		23.53	23.53	2 / 6			
reaction time	0.192	interval				11.53		# of strides	12.00	11.53	0.47
wind	1.1 m/s	velocity		8.33		8.67	8.50	98.0	8.33	8.67	

Atcho, Sarah (SUI) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Athletissima (Lausanne, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	6.43	11.72	17.36	23.53	23.53	6 / 3			
reaction time	0.129	interval		5.29	5.64	6.17		# of strides	11.72	11.81	-0.09
wind	-0.4 m/s	velocity	7.78	9.45	8.87	8.10	8.50		8.53	8.47	

Williams, Sa'de (USA) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)										*USATF Women's Sprint Development (2006)*	
date	23-Jun-06	time	6.64	11.99	17.58	23.54	23.54	8 / 7			
reaction time		interval		5.35	5.59	5.96		# of strides	11.99	11.55	0.44
wind	0.9 m/s	velocity	7.53	9.35	8.94	8.39	8.50		8.34	8.66	

Wilson, Latonia (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.56	11.92	17.43	23.54	23.54	4 / 5			
reaction time		interval		5.36	5.51	6.11		# of strides	11.92	11.62	0.30
wind	1.3 m/s	velocity	7.62	9.33	9.07	8.18	8.50		8.39	8.61	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	18-Apr-15	time	6.34	11.73	17.36	23.54	23.54	4 / 1			
reaction time		interval		5.39	5.63	6.18		# of strides	11.73	11.81	-0.08
wind	1.7 m/s	velocity	7.89	9.28	8.88	8.09	8.50	99.5	8.53	8.47	

Hackett, Semoy (TTO) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)								*Pollitt (2018) - biomechanical report for IAAF World Champs- London 2017- Women's 200m*			
date	10-Aug-17	time		11.53	17.15	23.39	23.54	2 / 7			
reaction time	0.148	interval			5.62	6.24		# of strides	11.53	11.86	-0.33
wind	-0.2 m/s	velocity		8.67	8.90	8.01	8.50	98.0	8.67	8.43	

Huang Guifen (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)								*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date	03-Aug-19	time	6.58	11.84	17.47	23.54	23.54	5 / 3			
reaction time		interval		5.26	5.63	6.07		# of strides	11.84	11.70	0.14
wind	0.2 m/s	velocity	7.60	9.51	8.88	8.24	8.50		8.45	8.55	

Suarez, Gabriela Anahi (ECU) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.32	11.56	17.18	23.54	23.54	7 / 5			
reaction time	0.159	interval		5.24	5.62	6.36		# of strides	11.56	11.98	-0.42
wind	0.6 m/s	velocity	7.91	9.54	8.90	7.86	8.50	102.2	8.65	8.35	

Hastings, Natasha (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.52	11.79	17.53	23.55	23.55	3 / 5			
reaction time		interval		5.27	5.74	6.02		# of strides	11.79	11.76	0.03
wind	1.6 m/s	velocity	7.67	9.49	8.71	8.31	8.49		8.48	8.50	

Lewis, Mechelle (USA) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.27	11.76	17.22	23.55	23.55	8 / 4			
reaction time		interval		5.49	5.46	6.33		# of strides	11.76	11.79	-0.03
wind	-1.3 m/s	velocity	7.97	9.11	9.16	7.90	8.49		8.50	8.48	

Junk, Sophia (GER) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)								*Koyama (2018) - research on athlete performance and technique- 2018 data book*			
date	14-Jul-18	time	6.67	12.07	17.59	23.55	23.55	1 / ~~6~~ 5			
reaction time	0.177	interval		5.40	5.52	5.96		# of strides	12.07	11.48	0.59
wind	-0.1 m/s	velocity	7.50	9.26	9.06	8.39	8.49		8.29	8.71	

Schwab, Corinna (GER) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)								*Koyama (2018) - research on athlete performance and technique- 2018 data book*			
date	14-Jul-18	time	6.63	11.92	17.47	23.55	23.55	7 / ~~7~~ 6			
reaction time	0.207	interval		5.29	5.55	6.08	**=PB**	# of strides	11.92	11.63	0.29
wind	-0.1 m/s	velocity	7.54	9.45	9.01	8.22	8.49		8.39	8.60	

Slettum, Elisabeth (NOR) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.95		23.55	23.55	7 / 7			
reaction time	0.158	interval				11.60		# of strides	11.95	11.60	0.35
wind	1.1 m/s	velocity		8.37		8.62	8.49	93.0	8.37	8.62	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		11.91		23.55	23.55	6 / 6			
reaction time	0.138	interval				11.64		# of strides	11.91	11.64	0.27
wind	-0.4 m/s	velocity		8.40		8.59	8.49	97.0	8.40	8.59	

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Williams, Aleah (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2004 USA Olympic Trials (Sacramento, CA)											*USATF Women's Sprint Development (2004)*
date	16-Jul-04	time	6.37	11.66	17.24	23.56	23.56	8 / ~~4~~ 3			
reaction time		interval		5.29	5.58	6.32		# of strides	11.66	11.90	-0.24
wind	-0.3 m/s	velocity	7.85	9.45	8.96	7.91	8.49		8.58	8.40	

Wilson, Latonia (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*
date	04-Jul-08	time	6.57	11.97	17.45	23.56	23.56	9 / 3			
reaction time		interval		5.40	5.48	6.11		# of strides	11.97	11.59	0.38
wind	1.2 m/s	velocity	7.61	9.26	9.12	8.18	8.49		8.35	8.63	

Adeoye, Margaret (GBR) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great CityGames (Manchester, GBR) (200m straightaway)											*Jalava (2012) - www.tilastopaja.org*
date	20-May-12	time		11.64		23.56	23.56	1 / 3			
reaction time		interval				11.92		# of strides	11.64	11.92	-0.28
wind	-0.3 m/s	velocity		8.59		4.24	8.49		8.59	8.39	

Graversgaard, Mette (DEN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)											*Omega Timing (2023) - diamond league race analysis*
date	30-Jun-23	time	6.42	11.74	17.40	23.56	23.56	3 / 4			
reaction time	0.153	interval		5.32	5.66	6.16		# of strides	11.74	11.82	-0.08
wind	-0.4 m/s	velocity	7.79	9.40	8.83	8.12	8.49		8.52	8.46	

Hall, Anna (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)											*Seiko Timing (2023) - world championship race analysis*
date	19-Aug-23	time		12.11		23.56	23.56	8 / 2			
reaction time	0.208	interval				11.45		# of strides	12.11	11.45	0.66
wind	0.0 m/s	velocity		8.26		8.73	8.49	90.7	8.26	8.73	

Rosius, Rani (BEL) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Invitaitonal - 2024 Memorial van damme (Brussels, BEL)											*Omega Timing (2024) - diamond league race analysis*
date	14-Sep-24	time	6.50	11.82	17.41	23.56	23.56	4 / 7			
reaction time	0.175	interval		5.32	5.59	6.15		# of strides	11.82	11.74	0.08
wind	0.1 m/s	velocity	7.69	9.40	8.94	8.13	8.49	98.7	8.46	8.52	

Prandini, Jenna (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)											*Grand Slam Track (2025) - results and splits by race*
date	06-Apr-25	time	6.34	11.44	17.25	23.56	23.56	7 / 2			
reaction time	0.190	interval		5.10	5.81	6.31		# of strides	11.44	12.12	-0.68
wind	-4.7 m/s	velocity	7.89	9.80	8.61	7.92	8.49	98.7	8.74	8.25	

Knight, Natalie (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*
date	05-Jul-08	time	6.54	12.06	17.52	23.57	23.57	4 / 5			
reaction time		interval		5.52	5.46	6.05		# of strides	12.06	11.51	0.55
wind	-1.3 m/s	velocity	7.65	9.06	9.16	8.26	8.49		8.29	8.69	

Hjelmer, Moa (SWE) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2015 Windsprint (Sundsvall, SWE)											*(2015) - www.windsprint/Splittider/*
date	26-Jul-15	time		12.10		23.57	23.57	3 / 1			
reaction time		interval				11.47		# of strides	12.10	11.47	0.63
wind	0.8 m/s	velocity		8.26		8.72	8.49		8.26	8.72	

Atcho, Sarah (SUI) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)											*Swiss Athletics (2016) - sprint and hurdle analysis*
date	21-May-16	time		11.80	17.43	23.57	23.57	/ 1			
reaction time		interval			5.63	6.14		# of strides	11.80	11.77	0.03
wind	0.6m/s	velocity		8.47	8.88	8.14	8.49		8.47	8.50	

Henriksson, Julia (SWE) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)											*Omega Timing (2022) - diamond league race analysis*
date	30-Jun-22	time	6.52	11.83	17.41	23.57	23.57	8 / 7			
reaction time	0.186	interval		5.31	5.58	6.16		# of strides	11.83	11.74	0.09
wind	0.1 m/s	velocity	7.67	9.42	8.96	8.12	8.49	99.0	8.45	8.52	

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Kuboyama, Haruna (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese National Championsips (Osaka, JPN)								*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*			
date	04-Aug-23	time	6.43	11.76	17.41	23.57	23.57	5 / 3			
reaction time	0.175	interval		5.33	5.65	6.16	PB	# of strides	11.76	11.81	-0.05
wind	-0.2 m/s	velocity	7.78	9.38	8.85	8.12	8.49	104.2	8.50	8.47	

de Angeli, Virna (ITA) (1976)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)								*Jung (2003) - http://www.fgs.uni-halle.de*			
date	22-Jun-97	time	6.68	12.04	17.55	23.58	23.58	/ 5			
reaction time		interval		5.36	5.51	6.03		# of strides	12.04	11.54	0.50
wind	-0.2 m/s	velocity	7.49	9.33	9.07	8.29	8.48		8.31	8.67	

Ivery, Lakadron (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.37	11.68	17.25	23.58	23.58	7 / 4			
reaction time		interval		5.31	5.57	6.33		# of strides	11.68	11.90	-0.22
wind	-0.6 m/s	velocity	7.85	9.42	8.98	7.90	8.48		8.56	8.40	

Henry, Samantha (JAM) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 NCAA Championships (Sacramento, CA)								*Track Newsletter (2005) - NCAA women's championships*			
date	09-Jun-07	time		12.0		23.6	23.58	/ 9			
reaction time		interval				11.60		# of strides	12.00	11.60	0.40
wind	1.7 m/s	velocity		8.33		8.62	8.48		8.33	8.62	

Mitchell, A'Keyla (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)								*European Athletics (2019) - race analysis*			
date	10-Sep-19	time		11.74		23.58	23.58	9 / 7			
reaction time	0.192	interval				11.84		# of strides	11.74	11.84	-0.10
wind	-0.1 m/s	velocity		8.52		8.45	8.48	98.0	8.52	8.45	

Kong Lingwei (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	13-Jun-21	time		11.89		23.58	23.58	3 / 2			
reaction time	0.211	interval				11.69		# of strides	11.89	11.69	0.20
wind	0.2 m/s	velocity		8.41		8.55	8.48	102.0	8.41	8.55	

Prieto, Mauricia (TTO) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.5	11.9	17.5	23.58	23.58	2 / 4			
reaction time	0.162	interval		5.40	5.60	6.08		# of strides	11.90	11.68	0.22
wind	1.5 m/s	velocity	7.69	9.26	8.93	8.22	8.48	98.5	8.40	8.56	

Sevilla, Paula (ESP) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.58	11.99	17.56	23.58	23.58	1 / 8			
reaction time	0.145	interval		5.41	5.57	6.02		# of strides	11.99	11.59	0.40
wind	0.8 m/s	velocity	7.60	9.24	8.98	8.31	8.48		8.34	8.63	

Pointet, Léonie (SUI) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	6.44	11.78	17.44	23.58	23.58	8 / 5			
reaction time	0.156	interval		5.34	5.66	6.14		# of strides	11.78	11.80	-0.02
wind	-0.4 m/s	velocity	7.76	9.36	8.83	8.14	8.48		8.49	8.47	

Zhang Zhu (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	30-Jun-24	time		12.13	17.70	23.58	23.58	7 / 2			
reaction time	0.157	interval			5.57	5.88	PB	# of strides	12.13	11.45	0.68
wind	0.3 m/s	velocity		8.24	8.98	8.50	8.48	102.0	8.24	8.73	

Gerevini, Sveva (ITA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.57	11.90	17.50	23.58	23.58	7 / 1			
reaction time	0.159	interval		5.33	5.60	6.08		# of strides	11.90	11.68	0.22
wind	0.4 m/s	velocity	7.61	9.38	8.93	8.22	8.48	95.2	8.40	8.56	

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

Safronova, Olga (KAZ) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	04-Aug-24	time	6.44	11.73	17.26	23.58	23.58	3 / 7			
reaction time	0.138	interval		5.29	5.53	6.32		# of strides	11.73	11.85	-0.12
wind	1.4 m/s	velocity	7.76	9.45	9.04	7.91	8.48	95.0	8.53	8.44	

Zhu Junying (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Championships (Quzhou, CHN)									*Shandong Athletics Sport Science (2024)*		
date	16-Sep-24	time		12.03	17.63	23.58	23.58	5 / 3			
reaction time	0.164	interval			5.60	5.95	PB	# of strides	12.03	11.55	0.48
wind	-1.0 m/s	velocity		8.31	8.93	8.40	8.48	99.2	8.31	8.66	

Khabarova, Irina (RUS) (1966)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.47	11.80	17.37	23.59	23.59	/ 7			
reaction time	0.187	interval		5.33	5.57	6.22		# of strides	11.80	11.79	0.01
wind	1.0 m/s	velocity	7.73	9.38	8.98	8.04	8.48		8.47	8.48	

Ichikawa, Kana (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)									*Takahashi (2017) - 200m running performance analysis in the 2017 season*		
date	21-May-17	time	6.55	11.91	17.51	23.59	23.59	2 / 5			
reaction time	0.143	interval		5.36	5.60	6.08		# of strides	11.91	11.68	0.23
wind	0.6 m/s	velocity	7.63	9.33	8.93	8.22	8.48	99.2	8.40	8.56	

Simwaka, Asimenye (MAW) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)									*Longines Timing (2022) - commonwealth games race analysis*		
date	05-Aug-22	time	6.6	12.1	17.6	23.59	23.59	8 / 5			
reaction time	0.166	interval		5.50	5.50	5.99		# of strides	12.10	11.49	0.61
wind	1.5 m/s	velocity	7.58	9.09	9.09	8.35	8.48		8.26	8.70	

Huang Guifen (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)									*Shandong Athletics Sport Science (2023)*		
date	29-Jun-23	time		12.08	17.69	23.59	23.59	6 / 1			
reaction time	0.206	interval			5.61	5.90		# of strides	12.08	11.51	0.57
wind	0.5 m/s	velocity		8.28	8.91	8.47	8.48	96.0	8.28	8.69	

Aono, Shuri (JPN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National Championsips (Osaka, JPN)									*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*		
date	04-Aug-23	time	6.50	11.77	17.38	23.59	23.59	6 / 4			
reaction time	0.142	interval		5.27	5.61	6.21		# of strides	11.77	11.82	-0.05
wind	-0.2 m/s	velocity	7.69	9.49	8.91	8.05	8.48	103.5	8.50	8.46	

Anderson, Shani (GBR) (1975)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2002 European Championships (Munich, GER)									*Graubner (2009) - http://www.fgs.uni-halle.de*		
date	09-Aug-02	time	6.59	11.88	17.49	23.60	23.60	/ 8			
reaction time	0.145	interval		5.29	5.61	6.11		# of strides	11.88	11.72	0.16
wind	1.0 m/s	velocity	7.59	9.45	8.91	8.18	8.47		8.42	8.53	

Tschirch, Cathleen (GER) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		11.85	17.51	23.60	23.60	/ 7			
reaction time	0.148	interval			5.66	6.09		# of strides	11.85	11.75	0.10
wind	-2.0 m/s	velocity		8.44	8.83	8.21	8.47		8.44	8.51	

Townsend, Tiffany (USA) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 USATF National Junior Championships (Columbus, OH)									*USATF Women's Sprint Development with HPC (2008)*		
date	22-Jun-08	time		12.11	17.63	23.60	23.60	4 / 1			
reaction time		interval			5.52	5.97		# of strides	12.11	11.49	0.62
wind	-2.4 m/s	velocity		8.26	9.06	8.38	8.47		8.26	8.70	

Ferguson, Sheniqua (BAH) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 NCAA Championships (Eugene, OR)									*USATF Women's Sprint Development with HPC (2008)*		
date	12-Jun-10	time		12.0		23.6	23.60	/ 6			
reaction time		interval				11.60		# of strides	12.00	11.60	0.40
wind	1.2 m/s	velocity		8.33		8.62	8.47		8.33	8.62	

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

Saito, Ami (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.38	11.83	17.46	23.60	23.60	5 / 1			
reaction time	0.156	interval		5.45	5.63	6.14		# of strides	11.83	11.77	0.06
wind	1.2 m/s	velocity	7.84	9.17	8.88	8.14	8.47		8.45	8.50	

Sedney, Zoë (NED) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	6.39	11.68	17.38	23.60	23.60	7 / 6			
reaction time	0.161	interval		5.29	5.70	6.22		# of strides	11.68	11.92	-0.24
wind	-0.4 m/s	velocity	7.82	9.45	8.77	8.04	8.47		8.56	8.39	

Bürgi, Céline (SUI) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)								*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	6.42	11.74	17.40	23.60	23.60	2 / 7			
reaction time	0.132	interval		5.32	5.66	6.20		# of strides	11.74	11.86	-0.12
wind	-0.4 m/s	velocity	7.79	9.40	8.83	8.06	8.47		8.52	8.43	

Martins, Lorraine (BRA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.86		23.60	23.60	1 / 8			
reaction time	0.119	interval				11.74		# of strides	11.86	11.74	0.12
wind	-0.2 m/s	velocity		8.43		8.52	8.47	107.0	8.43	8.52	

Smith, Angelique (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Junior Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	24-Jun-05	time		12.06	17.58	23.61	23.61	7 / 6			
reaction time		interval			5.52	6.03		# of strides	12.06	11.55	0.51
wind	0.6 m/s	velocity		8.29	9.06	8.29	8.47		8.29	8.66	

Foster, Amy (IRL) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		12.05	17.62	23.61	23.61	5 / 2			
reaction time		interval			5.57	5.99		# of strides	12.05	11.56	0.49
wind	-0.1 m/s	velocity		8.30	8.98	8.35	8.47		8.30	8.65	

Jacobs, Simmone (GBR) (1966)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)								*Jung (2003) - http://www.fgs.uni-halle.de*			
date	22-Jun-97	time	6.50	11.74	17.32	23.62	23.62	/ 6			
reaction time		interval		5.24	5.58	6.30		# of strides	11.74	11.88	-0.14
wind	-0.2 m/s	velocity	7.69	9.54	8.96	7.94	8.47		8.52	8.42	

Pelham, Shaunta (USA) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.39	11.75	17.32	23.62	23.62	7 / ~~5~~ 4			
reaction time		interval		5.36	5.57	6.30		# of strides	11.75	11.87	-0.12
wind	-0.3 m/s	velocity	7.82	9.33	8.98	7.94	8.47		8.51	8.42	

Ichikawa, Kana (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)								*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date	12-Jun-11	time	6.56	11.88	17.54	23.62	23.62	/ 2			
reaction time		interval		5.32	5.66	6.08		# of strides	11.88	11.74	0.14
wind	-0.7 m/s	velocity	7.62	9.40	8.83	8.22	8.47		8.42	8.52	

Slettum, Elisabeth (NOR) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		12.10	17.68	23.62	23.62	3 / 3			
reaction time		interval			5.58	5.94		# of strides	12.10	11.52	0.58
wind	-0.1 m/s	velocity		8.26	8.96	8.42	8.47		8.26	8.68	

Johnson-Thompson, Katarina (GBR)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		11.99		23.62	23.62	2 / 2			
reaction time	0.145	interval				11.63		# of strides	11.99	11.63	0.36
wind	1.4 m/s	velocity		8.34		8.60	8.47	90.2	8.34	8.60	

Takács, Boglárka (HUN) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)						*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23	time	6.48	11.77	17.35	23.62	23.62	2 / 8			
reaction time 0.178	interval		5.29	5.58	6.27		# of strides	11.77	11.85	-0.08
wind -0.6 m/s	velocity	7.72	9.45	8.96	7.97	8.47	99.2	8.50	8.44	

Jensen, Christine Bjelland (NOR) (19	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 23-Aug-23	time		11.93		23.62	23.62	5 / 7			
reaction time 0.181	interval				11.69		# of strides	11.93	11.69	0.24
wind -1.3 m/s	velocity		8.38		8.55	8.47	96.0	8.38	8.55	

Joseph, Gémima (FRA) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Prefontaine Classic (Eugene, OR)						*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23	time	6.44	11.88	17.55	22.62	23.62	1 / 9			
reaction time 0.145	interval		5.44	5.67	5.07		# of strides	11.88	10.74	1.14
wind 0.3 m/s	velocity	7.76	9.19	8.82	9.86	8.47		8.42	9.31	

Whitney, Kaylin (USA) (1998)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)						*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date 21-May-17	time	6.41	11.79	17.49	23.63	23.63	3 / 6			
reaction time 0.165	interval		5.38	5.70	6.14		# of strides	11.79	11.84	-0.05
wind 0.6 m/s	velocity	7.80	9.29	8.77	8.14	8.46	97.5	8.48	8.45	

Ichikawa, Kana (JPN) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National Championships (Osaka, JPN)						*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date 25-Jun-17	time	6.52	11.85	17.45	23.63	23.63	6 / 1			
reaction time 0.158	interval		5.33	5.60	6.18		# of strides	11.85	11.78	0.07
wind -0.2 m/s	velocity	7.67	9.38	8.93	8.09	8.46		8.44	8.49	

Li Yuting (CHN) (2002)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)						*CAA Hurdle Development (2021)*			
date 12-Jun-21	time		11.81	17.29	23.63	23.63	8 / 3			
reaction time 0.175	interval			5.48	6.34	PB	# of strides	11.81	11.82	-0.01
wind -0.2 m/s	velocity		8.47	9.12	7.89	8.46	93.0	8.47	8.46	

Cai Yanting (CHN) (2000)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)						*Shandong Athletics Sport Science (2024)*			
date 30-Jun-24	time		12.06	17.64	23.63	23.63	4 / 3			
reaction time 0.141	interval			5.58	5.99		# of strides	12.06	11.57	0.49
wind 0.3 m/s	velocity		8.29	8.96	8.35	8.46	99.5	8.29	8.64	

Bokesa, Aauri Lorena (ESP) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Athletissima (Lausanne, SUI)						*Omega Timing (2021) - diamond league race analysis*			
date 26-Aug-21	time	6.9	12.3	17.9	23.64	23.64	8 / 7			
reaction time 0.196	interval		5.40	5.60	5.74		# of strides	12.30	11.34	0.96
wind 2.5 m/s	velocity	7.25	9.26	8.93	8.71	8.46		8.13	8.82	

Knight, Bianca (USA) (1989)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 USATF National Junior Championships (Carson, CA)						*USATF Women's Sprint Development (2005)*			
date 24-Jun-05	time		11.95	17.54	23.65	23.65	2 / 7			
reaction time	interval			5.59	6.11		# of strides	11.95	11.70	0.25
wind 0.6 m/s	velocity		8.37	8.94	8.18	8.46		8.37	8.55	

Hejnová, Zuzana (CZE) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)						*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date 16-Jun-13	time	6.65	12.00	17.62	23.65	23.65	4 / 3			
reaction time 0.134	interval		5.35	5.62	6.03	PB	# of strides	12.00	11.65	0.35
wind 0.3 m/s	velocity	7.52	9.35	8.90	8.29	8.46		8.33	8.58	

Fukushima, Chisato (JPN) (1988)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)						*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date 24-Jun-18	time	6.43	11.77	17.45	23.65	23.65	6 / 1			
reaction time 0.130	interval		5.34	5.68	6.20		# of strides	11.77	11.88	-0.11
wind 1.1 m/s	velocity	7.78	9.36	8.80	8.06	8.46		8.50	8.42	

Tsuruta, Remi (JPN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese National Championships (Osaka, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	27-Jun-21	time	6.59	12.01	17.58	23.65	23.65	7 / 2			
reaction time	0.192	interval		5.42	5.57	6.07		# of strides	12.01	11.64	0.37
wind	-1.0 m/s	velocity	7.59	9.23	8.98	8.24	8.46	98.0	8.33	8.59	

Wessolly, Jessica-Bianca (GER) (1996			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.63	12.00	17.59	23.65	23.65	1 / 7			
reaction time	0.187	interval		5.37	5.59	6.06		# of strides	12.00	11.65	0.35
wind	-0.4 m/s	velocity	7.54	9.31	8.94	8.25	8.46	101.5	8.33	8.58	

Tamayo-Garza, Cecilia (MEX) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	6.47	11.66	17.29	23.65	23.65	2 / 7			
reaction time	0.160	interval		5.19	5.63	6.36		# of strides	11.66	11.99	-0.33
wind	0.0 m/s	velocity	7.73	9.63	8.88	7.86	8.46	99.5	8.58	8.34	

Rooks, Cynethia (USA) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.62	11.96	17.55	23.66	23.66	4 / 7			
reaction time		interval		5.34	5.59	6.11		# of strides	11.96	11.70	0.26
wind	0.5 m/s	velocity	7.55	9.36	8.94	8.18	8.45	103.5	8.36	8.55	

Myrick, Wyllesheia (USA) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.67	12.08	17.57	23.66	23.66	8 / 4			
reaction time		interval		5.41	5.49	6.09		# of strides	12.08	11.58	0.50
wind	1.2 m/s	velocity	7.50	9.24	9.11	8.21	8.45		8.28	8.64	

Cox, Shana (USA) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	21-Jun-03	time	6.67	12.15	17.65	23.67	23.67	7 / 2			
reaction time		interval		5.48	5.50	6.02		# of strides	12.15	11.52	0.63
wind	-1.5 m/s	velocity	7.50	9.12	9.09	8.31	8.45		8.23	8.68	

McLaughlin, Anneisha (JAM) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Windsprint (Sundsvall, SWE)								*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date	06-Jul-08	time		11.90	17.52	23.67	23.67	5 / 1			
reaction time		interval			5.62	6.15		# of strides	11.90	11.77	0.13
wind	1.3 m/s	velocity		8.40	8.90	8.13	8.45		8.40	8.50	

Maduaka, Joice (GBR) (1973)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (200m straightaway)								*Butler (2011) - Gay's last 100 in Manchester street 150*			
date	15-May-11	time	6.60	11.88	17.47	23.67	23.67	1 / 3			
reaction time		interval		5.28	5.59	6.20		# of strides	11.88	11.79	0.09
wind	2.6 m/s	velocity	7.58	9.47	8.94	8.06	8.45		8.42	8.48	

Ishido, Hina (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)								*Kato (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date	07-Aug-19	time	6.45	11.76	17.39	23.67	23.67	6 / 1			
reaction time		interval		5.31	5.63	6.28	PB	# of strides	11.76	11.91	-0.15
wind	1.3 m/s	velocity	7.75	9.42	8.88	7.96	8.45		8.50	8.40	

Li Yuting (CHN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)								*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time		11.73	17.38	23.67	23.67	6 / 1			
reaction time	0.183	interval			5.65	6.29		# of strides	11.73	11.94	-0.21
wind	0.9 m/s	velocity		8.53	8.85	7.95	8.45	90.5	8.53	8.38	

Wei Yongli (CHN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Athletissima (Lausanne, SUI)								*Omega Timing (2019) - diamond league race analysis*			
date	05-Jul-19	time	6.6	12.0	17.6	23.68	23.68	1 / 8			
reaction time	0.172	interval		5.4	5.6	6.08		# of strides	12.00	11.68	0.32
wind	1.0 m/s	velocity	7.58	9.26	8.93	8.22	8.45	97.0	8.33	8.56	

Cai Yanting (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	28-Jun-23	time		11.78	17.43	23.68	23.68	7 / 1			
reaction time	0.198	interval			5.65	6.25		# of strides	11.78	11.90	-0.12
wind	0.5 m/s	velocity		8.49	8.85	8.00	8.45	100.0	8.49	8.40	

Martins, Lorraine (BRA) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	04-Aug-24	time	6.58	11.88	17.52	23.68	23.68	8 / 8			
reaction time	0.179	interval		5.30	5.64	6.16		# of strides	11.88	11.80	0.08
wind	0.0 m/s	velocity	7.60	9.43	8.87	8.12	8.45	105.0	8.42	8.47	

Cai Yanting (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Championships (Quzhou, CHN)										*Shandong Athletics Sport Science (2024)*	
date	16-Sep-24	time		11.87	17.60	23.68	23.68	3 / 4			
reaction time	0.175	interval			5.73	6.08		# of strides	11.87	11.81	0.06
wind	-1.0 m/s	velocity		8.42	8.73	8.22	8.45	99.0	8.42	8.47	

Cox, Crystal (USA) (1979)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1996 USATF National Junior Championships (Delaware, OH)										*USATF Women's Sprint Development (1996)*	
date	29-Jun-96	time	6.65	11.86	17.50	23.69	23.69	5 / 2			
reaction time		interval		5.21	5.64	6.19		# of strides	11.86	11.83	0.03
wind	-1.3 m/s	velocity	7.52	9.60	8.87	8.08	8.44		8.43	8.45	

Kidd, Ashlee (USA) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)										*USATF Women's Sprint Development with HPC (2008)*	
date	04-Jul-08	time	6.59	12.09	17.66	23.69	23.69	4 / 5			
reaction time		interval		5.50	5.57	6.03		# of strides	12.09	11.60	0.49
wind	1.4 m/s	velocity	7.59	9.09	8.98	8.29	8.44	92.0	8.27	8.62	

Okparaebo, Ezinne (NOR) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2014 Windsprint (Sundsvall, SWE)										*Johansen (2014) - www.ssg.se/windsprint/Splittider/*	
date	20-Jul-14	time		11.69		23.69	23.69	3 / 2			
reaction time		interval				12.00		# of strides	11.69	12.00	-0.31
wind	2.7 m/s	velocity		8.55		8.33	8.44		8.55	8.33	

Aono, Shuri (JPN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)										*Ryutaro (2018) - research on athlete performance and technique*	
date	21-Oct-18	time	6.69	12.05	17.63	23.69	23.69	4 / 1			
reaction time	0.160	interval		5.36	5.58	6.06		# of strides	12.05	11.64	0.41
wind	1.5 m/s	velocity	7.47	9.33	8.96	8.25	8.44		8.30	8.59	

Semedo, Gorete (STP) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 World Athletics Championships (Budapest, HUN)										*Seiko Timing (2023) - world championship race analysis*	
date	23-Aug-23	time		12.02		23.69	23.69	9 / 8			
reaction time	0.239	interval				11.67		# of strides	12.02	11.67	0.35
wind	-0.7 m/s	velocity		8.32		8.57	8.44	98.0	8.32	8.57	

Wada, Maki (JPN) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)										*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*	
date	19-May-19	time	6.34	11.73	17.52	20.99	23.70	7 / 6			
reaction time	0.129	interval		5.39	5.79	3.47		# of strides	11.73	9.26	2.47
wind	0.5 m/s	velocity	7.89	9.28	8.64	14.41	8.44	101.5	8.53	10.80	

Saito, Ami (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese National Championships (Osaka, JPN)										*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*	
date	27-Jun-21	time	6.48	11.83	17.52	23.70	23.70	5 / 3			
reaction time	0.165	interval		5.35	5.69	6.18		# of strides	11.83	11.87	-0.04
wind	-1.0 m/s	velocity	7.72	9.35	8.79	8.09	8.44	103.7	8.45	8.42	

Hoenke, Favienne (SUI) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Athletissima (Lausanne, SUI)										*Omega Timing (2024) - diamond league race analysis*	
date	22-Aug-24	time	6.58	11.97	17.61	23.70	23.70	1 / 8			
reaction time	0.132	interval		5.39	5.64	6.09		# of strides	11.97	11.73	0.24
wind	0.9 m/s	velocity	7.60	9.28	8.87	8.21	8.44		8.35	8.53	

Chapman, Maree (AUS) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)										*Veney - 200m women from PJ*	
date	04-Oct-85	time		12.0		23.71	23.71	4 / 6			
reaction time		interval				11.71		# of strides	12.00	11.71	0.29
wind	-0.7 m/s	velocity		8.33		8.54	8.44		8.33	8.54	

Mahan, Shayla (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)										*USATF Women's Sprint Development (2006)*	
date	23-Jun-06	time		11.88	17.53	23.71	23.71	1 / 8			
reaction time		interval			5.65	6.18		# of strides	11.88	11.83	0.05
wind	0.9 m/s	velocity		8.42	8.85	8.09	8.44		8.42	8.45	

Williams, Sherika (JAM) 1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2015 Windsprint (Sundsvall, SWE)										*(2015) - www.windsprint/Splittider/*	
date	26-Jul-15	time		12.10		23.71	23.71	4 / 2			
reaction time		interval				11.61		# of strides	12.10	11.61	0.49
wind	0.8 m/s	velocity		8.26		8.61	8.44		8.26	8.61	

Ichikawa, Kana (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2018 Shizuoka International Meeting (Fukuroi, JPN)								*Ryutaro (2018) - research on athlete performance and technique- 2018 data book*			
date	03-May-18	time	6.54	11.90	17.56	23.71	23.71	5 / 1			
reaction time	0.184	interval		5.36	5.66	6.15		# of strides	11.90	11.81	0.09
wind	1.4 m/s	velocity	7.65	9.33	8.83	8.13	8.44	98.0	8.40	8.47	

Chadwick, Payton (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.8	12.2	17.8	23.71	23.71	1 / 7			
reaction time	0.262	interval		5.4	5.6	5.91		# of strides	12.20	11.51	0.69
wind	0.4 m/s	velocity	7.35	9.26	8.93	8.46	8.44		8.20	8.69	

Tong Zenghuan (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)										*CAA Hurdle Development (2021)*	
date	12-Jun-21	time		11.73		23.71	23.71	3 / 2			
reaction time	0.218	interval				11.98		# of strides	11.73	11.98	-0.25
wind	-0.4 m/s	velocity		8.53		8.35	8.44	101.0	8.53	8.35	

Tong Zenghuan (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)										*CAA Hurdle Development (2021)*	
date	13-Jun-21	time		12.00		23.71	23.71	4 / 3			
reaction time	0.245	interval				11.71		# of strides	12.00	11.71	0.29
wind	0.2 m/s	velocity		8.33		8.54	8.44	100.2	8.33	8.54	

Sato, Misato (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)								*Shibayama (2021) - national high school and U20 national championhsips*			
date	31-Jul-21	time	6.58	12.17	17.75	23.71	23.71	4 / 1			
reaction time	0.155	interval		5.59	5.58	5.96		# of strides	12.17	11.54	0.63
wind	2.2 m/s	velocity	7.60	8.94	8.96	8.39	8.44		8.22	8.67	

Bieber, Halle (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	27-Jun-24	time	6.22	11.52	17.21	23.71	23.71	2 / 8			
reaction time		interval		5.30	5.69	6.50		# of strides	11.52	12.19	-0.67
wind	0.2 m/s	velocity	8.04	9.43	8.79	7.69	8.44	98.0	8.68	8.20	

Tarmoh, Jeneba (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 USA Olympic Trials (Eugene, OR)								*Hymans (2020) - history of the US olympic trials - track and field*			
date	10-Jul-16	time		11.8		23.7	23.72	1 / 8			
reaction time	0.189	interval				11.90		# of strides	11.80	11.90	-0.10
wind	-0.6 m/s	velocity		8.47		8.40	8.43		8.47	8.40	

Njobvu, Rhodah (ZAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.4	11.9	17.6	23.72	23.72	5 / 4			
reaction time	0.158	interval		5.50	5.70	6.12		# of strides	11.90	11.82	0.08
wind	0.0 m/s	velocity	7.81	9.09	8.77	8.17	8.43	96.0	8.40	8.46	

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

Chandler, Caisja (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)								*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	6.53	11.91	17.56	23.72	23.72	2 / 8			
reaction time	0.151	interval		5.38	5.65	6.16		# of strides	11.91	11.81	0.10
wind	-0.4 m/s	velocity	7.66	9.29	8.85	8.12	8.43	99.0	8.40	8.47	

Jordan, Victoria (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USATF National Junior Championships (Columbus, OH)								*USATF Women's Sprint Development with HPC (2008)*			
date	22-Jun-08	time		12.02	17.62	23.73	23.73	8 / 2			
reaction time		interval			5.60	6.11		# of strides	12.02	11.71	0.31
wind	-2.4 m/s	velocity		8.32	8.93	8.18	8.43		8.32	8.54	

Vetter, Anouk (NED) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.18		23.73	23.73	8 / 3			
reaction time	0.168	interval				11.55		# of strides	12.18	11.55	0.63
wind	1.4 m/s	velocity		8.21		8.66	8.43	95.0	8.21	8.66	

Liu Yinglan (CHN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)								*Shandong Athletics Sport Science (2023)*			
date	28-Jun-23	time		11.96	17.59	23.73	23.73	4 / 2			
reaction time	0.198	interval			5.63	6.14	**PB**	# of strides	11.96	11.77	0.19
wind	0.5 m/s	velocity		8.36	8.88	8.14	8.43	95.7	8.36	8.50	

Dokter, Sofie (NED) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.69	12.07	17.73	23.73	23.73	4 / 2			
reaction time	0.172	interval		5.38	5.66	6.00		# of strides	12.07	11.66	0.41
wind	-0.5 m/s	velocity	7.47	9.29	8.83	8.33	8.43	96.0	8.29	8.58	

Safronova, Olga (KAZ) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	10-May-15	time	6.45	11.74	17.40	23.74	23.74	7 / 6			
reaction time		interval		5.29	5.66	6.34		# of strides	11.74	12.00	-0.26
wind	1.0 m/s	velocity	7.75	9.45	8.83	7.89	8.42	95.7	8.52	8.33	

Imai, Saori (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National Championships (Osaka, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	25-Jun-17	time	6.65	12.07	17.71	23.74	23.74	7 / 2			
reaction time	0.185	interval		5.42	5.64	6.03		# of strides	12.07	11.67	0.40
wind	-0.2 m/s	velocity	7.52	9.23	8.87	8.29	8.42		8.29	8.57	

Brooks, Taliyah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	23-Jun-24	time	6.51	12.03	17.65	23.74	23.74	6 / 3			
reaction time		interval		5.52	5.62	6.09		# of strides	12.03	11.71	0.32
wind	1.1 m/s	velocity	7.68	9.06	8.90	8.21	8.42		8.31	8.54	

Layne, Lynne (USA) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.67	12.11	17.55	23.75	23.75	8 / 6			
reaction time		interval		5.44	5.44	6.20		# of strides	12.11	11.64	0.47
wind	1.3 m/s	velocity	7.50	9.19	9.19	8.06	8.42		8.26	8.59	

McConnell, Lee (GBR) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (200m straightaway)								*Jalava (2010) - www.tilastopaja.org*			
date	16-May-10	time		11.96	17.60	23.75	23.75	1 / 4			
reaction time		interval			5.64	6.15		# of strides	11.96	11.79	0.17
wind	0.2 m/s	velocity		8.36	8.87	8.13	8.42		8.36	8.48	

Greaves, Shavon (USA) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 NCAA Championships (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	12-Jun-10	time		12.0		23.8	23.75	/ 7			
reaction time		interval				11.80		# of strides	12.00	11.80	0.20
wind	1.2 m/s	velocity		8.33		8.47	8.42		8.33	8.47	

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

Broaddus, Juanita (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)									*USATF Women's Sprint Development (2003)*		
date	21-Jun-03	time	6.71	12.25	17.75	23.76	23.76	4 / 3			
reaction time		interval		5.54	5.50	6.01		# of strides	12.25	11.51	0.74
wind	-1.5 m/s	velocity	7.45	9.03	9.09	8.32	8.42		8.16	8.69	

Nakamura, Mizuki (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National Championships (Osaka, JPN)									*Takahashi (2017) - 200m running performance analysis in the 2017 season*		
date	25-Jun-17	time	6.62	12.00	17.63	23.76	23.76	4 / 3			
reaction time	0.197	interval		5.38	5.63	6.13		# of strides	12.00	11.76	0.24
wind	-0.2 m/s	velocity	7.55	9.29	8.88	8.16	8.42		8.33	8.50	

Takashima, Saki (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)									*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*		
date	07-Aug-19	time	6.69	12.14	17.73	23.76	23.76	3 / 2			
reaction time		interval		5.45	5.59	6.03	**PB**	# of strides	12.14	11.62	0.52
wind	1.3 m/s	velocity	7.47	9.17	8.94	8.29	8.42		8.24	8.61	

Quach Thi Lan (VIE) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Asian Games (Jakarta, INA)									*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*		
date	29-Aug-18	time	6.52	11.91	17.62	23.77	23.77	1 / 8			
reaction time	0.137	interval		5.39	5.71	6.15		# of strides	11.91	11.86	0.05
wind	-0.7 m/s	velocity	7.67	9.28	8.76	8.13	8.41	89.2	8.40	8.43	

Atcho, Sarah (SUI) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Athletissima (Lausanne, SUI)									*Omega Timing (2022) - diamond league race analysis*		
date	26-Aug-22	time	6.4	11.7	17.3	23.77	23.77	5 / 3			
reaction time	0.147	interval		5.30	5.60	6.47		# of strides	11.70	12.07	-0.37
wind	-0.9 m/s	velocity	7.81	9.43	8.93	7.73	8.41		8.55	8.29	

Sułek, Adrianna (POL) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	17-Jul-22	time		12.20		23.77	23.77	5 / 4			
reaction time	0.167	interval				11.57	**PB**	# of strides	12.20	11.57	0.63
wind	1.4 m/s	velocity		8.20		8.64	8.41	99.5	8.20	8.64	

Huang Guifen (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)									*Shandong Athletics Sport Science (2024)*		
date	30-Jun-24	time		12.08	17.64	23.77	23.77	6 / 4			
reaction time	0.186	interval			5.56	6.13		# of strides	12.08	11.69	0.39
wind	0.3 m/s	velocity		8.28	8.99	8.16	8.41	96.0	8.28	8.55	

Jacobs, Simmone (GBR) (1966)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 European Cup (Frankfurt, GER)									*Federle (2003) - http://www.fgs.uni-halle.de*		
date	30-Jun-91	time		11.71		23.78	23.78	/ 4			
reaction time		interval				12.07		# of strides	11.71	12.07	-0.36
wind	-3.4 m/s	velocity		8.54		8.29	8.41		8.54	8.29	

Iki, Aiko (JPN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)									*Kota (2018) - 71st high school championships: JAF scientific committee*		
date	05-Aug-18	time	6.57	12.08	17.68	23.78	23.78	5 / 1			
reaction time		interval		5.51	5.60	6.10	**PB**	# of strides	12.08	11.70	0.38
wind	0.8 m/s	velocity	7.61	9.07	8.93	8.20	8.41		8.28	8.55	

Oishi, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese National Championships (Niigata, JPN)									*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*		
date	03-Oct-20	time	6.57	11.88	17.54	23.78	23.78	6 / 3			
reaction time	0.153	interval		5.31	5.66	6.24	**PB**	# of strides	11.88	11.90	-0.02
wind	-0.1 m/s	velocity	7.61	9.42	8.83	8.01	8.41	100.0	8.42	8.40	

Lilja, Lisa (SWE) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)									*Omega Timing (2022) - diamond league race analysis*		
date	30-Jun-22	time	6.55	11.94	17.61	23.78	23.78	1 / 8			
reaction time	0.142	interval		5.39	5.67	6.17		# of strides	11.94	11.84	0.10
wind	0.1 m/s	velocity	7.63	9.28	8.82	8.10	8.41	100.0	8.38	8.45	

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

Huang Guifen (CHN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)										*Shandong Athletics Sport Science (2024)*	
date	29-Jun-24	time		12.01	17.63	23.78	23.78	6 / 1			
reaction time	0.261	interval			5.62	6.15		# of strides	12.01	11.77	0.24
wind	0.5 m/s	velocity		8.33	8.90	8.13	8.41	96.2	8.33	8.50	

Xie Fuyu (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Championships (Quzhou, CHN)										*Shandong Athletics Sport Science (2024)*	
date	16-Sep-24	time		11.98	17.62	23.78	23.78	8 / 5			
reaction time	0.226	interval			5.64	6.16	PB	# of strides	11.98	11.80	0.18
wind	-1.0 m/s	velocity		8.35	8.87	8.12	8.41	101.0	8.35	8.47	

Suchovská, Erika (CZE) (1967)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2001 European Cup (Bremen, GER)										*Graubner (2007) - http://www.fgs.uni-halle.de*	
date	24-Jun-01	time	6.64	12.08	17.75	23.79	23.79	/ 8			
reaction time	0.151	interval		5.44	5.67	6.04		# of strides	12.08	11.71	0.37
wind	0.3 m/s	velocity	7.53	9.19	8.82	8.28	8.41		8.28	8.54	

Sanders, Nicola (GBR) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great CityGames (Manchester, GBR) (200m straightaway)										*Jalava (2012) - www.tilastopaja.org*	
date	20-May-12	time		11.90		23.79	23.79	4 / 4			
reaction time		interval				11.89		# of strides	11.90	11.89	0.01
wind	-0.3 m/s	velocity		8.40		4.20	8.41		8.40	8.41	

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)										*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*	
date	10-May-15	time	6.60	11.97	17.63	23.79	23.79	1 / 7			
reaction time		interval		5.37	5.66	6.16		# of strides	11.97	11.82	0.15
wind	1.0 m/s	velocity	7.58	9.31	8.83	8.12	8.41		8.35	8.46	

Idoabigeiru, Fuka (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)										*Kato (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*	
date	07-Aug-19	time	6.59	11.98	17.61	23.79	23.79	5 / 3			
reaction time		interval		5.39	5.63	6.18	PB	# of strides	11.98	11.81	0.17
wind	1.3 m/s	velocity	7.59	9.28	8.88	8.09	8.41		8.35	8.47	

Iki, Aiko (JPN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese National Championships (Osaka, JPN)										*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*	
date	27-Jun-21	time	6.62	12.05	15.67	23.79	23.79	8 / 4			
reaction time	0.190	interval		5.43	3.62	8.12		# of strides	12.05	11.74	0.31
wind	-1.0 m/s	velocity	7.55	9.21	13.81	6.16	8.41	100.5	8.30	8.52	

Rosius, Rani (BEL) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Memorial van Damme (Brussels, BEL)										*Omega Timing (2021) - diamond league race analysis*	
date	03-Sep-21	time	6.6	11.9	17.7	23.79	23.79	2 / 8			
reaction time	0.204	interval		5.30	5.80	6.09		# of strides	11.90	11.89	0.01
wind	0.4 m/s	velocity	7.58	9.43	8.62	8.21	8.41	100.0	8.40	8.41	

Hao Miao (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	28-Jun-23	time		11.79	17.47	23.79	23.79	2 / 3			
reaction time	0.197	interval			5.68	6.32	PB	# of strides	11.79	12.00	-0.21
wind	0.5 m/s	velocity		8.48	8.80	7.91	8.41	99.0	8.48	8.33	

Li Yuting (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)										*Shandong Athletics Sport Science (2024)*	
date	29-Jun-24	time		11.98	17.69	23.79	23.79	7 / 1			
reaction time	0.198	interval			5.71	6.10		# of strides	11.98	11.81	0.17
wind	0.2 m/s	velocity		8.35	8.76	8.20	8.41	89.5	8.35	8.47	

Li Yanjie (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)										*Shandong Athletics Sport Science (2024)*	
date	29-Jun-24	time		12.18	17.84	23.79	23.79	5 / 2			
reaction time	0.159	interval			5.66	5.95	PB	# of strides	12.18	11.61	0.57
wind	0.2 m/s	velocity		8.21	8.83	8.40	8.41	101.0	8.21	8.61	

Sears, Jacious (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)								*Grand Slam Track (2025) - results and splits by race*			
date	06-Apr-25	time	6.43	11.58	17.32	23.79	23.79	3 / 3			
reaction time	0.190	interval		5.15	5.74	6.47		# of strides	11.58	12.21	-0.63
wind	-4.7 m/s	velocity	7.78	9.71	8.71	7.73	8.41	104.5	8.64	8.19	

Williams, Aleah (USA) (1981)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	17-Jul-04	time	6.39	11.70	17.40	23.80	23.80	3 / 6			
reaction time		interval		5.31	5.70	6.40		# of strides	11.70	12.10	-0.40
wind	-1.1 m/s	velocity	7.82	9.42	8.77	7.81	8.40		8.55	8.26	

Purvis, Ashton (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USATF National Junior Championships (Columbus, OH)								*USATF Women's Sprint Development with HPC (2008)*			
date	22-Jun-08	time		11.99	17.61	23.80	23.80	7 / 3			
reaction time		interval			5.62	6.19		# of strides	11.99	11.81	0.18
wind	-2.4 m/s	velocity		8.34	8.90	8.08	8.40		8.34	8.47	

Henry, Samantha (JAM) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 NCAA Championships (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	12-Jun-10	time		12.1		23.8	23.80	/ 8			
reaction time		interval				11.70		# of strides	12.10	11.70	0.40
wind	1.2 m/s	velocity		8.26		8.55	8.40		8.26	8.55	

Maeyama, Miyu (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2018 Shizuoka International Meeting (Fukuroi, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	03-May-18	time	6.54	11.95	17.62	23.80	23.80	7 / 2			
reaction time	0.187	interval		5.41	5.67	6.18	=PB	# of strides	11.95	11.85	0.10
wind	1.1 m/s	velocity	7.65	9.24	8.82	8.09	8.40	96.2	8.37	8.44	

Kodama, Mei (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)								*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date	30-Jun-19	time	6.55	11.93	17.60	23.80	23.80	7 / 1			
reaction time	0.158	interval		5.38	5.67	6.20	PB	# of strides	11.93	11.87	0.06
wind	-0.4 m/s	velocity	7.63	9.29	8.82	8.06	8.40	101.0	8.38	8.42	

Roseby, Hasani (USA) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Quarter-Final 4 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	05-Jul-08	time	6.34	11.90	17.53	23.81	23.81	3 / 6			
reaction time		interval		5.56	5.63	6.28		# of strides	11.90	11.91	-0.01
wind	-1.3 m/s	velocity	7.89	8.99	8.88	7.96	8.40		8.40	8.40	

Fujisawa, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National Championships (Niigata, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	27-Jun-15	time	6.70	12.10	17.70	23.81	23.81	6 / 2			
reaction time	0.178	interval		5.40	5.60	6.11	PB	# of strides	12.10	11.71	0.39
wind	0.1 m/s	velocity	7.46	9.26	8.93	8.18	8.40	102.0	8.26	8.54	

Tsuruta, Remi (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Race 2 - 2020 World Athletics Trials (Fuji, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	06-Sep-20	time	6.58	11.95	17.65	23.81	23.81	5 / 1			
reaction time		interval		5.37	5.70	6.16	PB	# of strides	11.95	11.86	0.09
wind	-0.7 m/s	velocity	7.60	9.31	8.77	8.12	8.40		8.37	8.43	

Onodera, Ayami (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)								*Shibayama (2021) - national high school and U20 national championhsips*			
date	31-Jul-21	time	6.58	12.16	17.78	23.81	23.81	3 / 2			
reaction time	0.157	interval		5.58	5.62	6.03		# of strides	12.16	11.65	0.51
wind	2.2 m/s	velocity	7.60	8.96	8.90	8.29	8.40		8.22	8.58	

De Freitas, Beyonce (IVB) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 5 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	18-Jul-22	time		11.91		23.81	23.81	8 / 7			
reaction time	0.191	interval				11.90		# of strides	11.91	11.90	0.01
wind	0.9 m/s	velocity		8.40		8.40	8.40	95.0	8.40	8.40	

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

De Freitas, Beyonce (IVB) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.4	11.9	17.5	23.81	23.81	6 / 6			
reaction time	0.202	interval		5.50	5.60	6.31		# of strides	11.90	11.91	-0.01
wind	1.5 m/s	velocity	7.81	9.09	8.93	7.92	8.40		8.40	8.40	

Koné, Maboundou (CIV) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)								*Omega Timing (2025) - diamond league race analysis*			
date	03-May-25	time	6.41	11.82	17.59	23.81	23.81	4 / 9			
reaction time	0.163	interval		5.41	5.77	6.22		# of strides	11.82	11.99	-0.17
wind	0.5 m/s	velocity	7.80	9.24	8.67	8.04	8.40	101.0	8.46	8.34	

Perkins, Angel (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	21-Jun-03	time		12.03	17.68	23.82	23.82	1 / 4			
reaction time		interval			5.65	6.14		# of strides	12.03	11.79	0.24
wind	-1.5 m/s	velocity		8.31	8.85	8.14	8.40		8.31	8.48	

Kageyama, Sakiho (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)								*Kato (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date	07-Aug-19	time	6.65	12.17	17.76	23.82	23.82	4 / 4			
reaction time		interval		5.52	5.59	6.06	**PB**	# of strides	12.17	11.65	0.52
wind	1.3 m/s	velocity	7.52	9.06	8.94	8.25	8.40		8.22	8.58	

Ishikawa, Yu (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.71	12.21	17.85	23.82	23.82	5 / 1			
reaction time	0.181	interval		5.50	5.64	5.97		# of strides	12.21	11.61	0.60
wind	4.3 m/s	velocity	7.45	9.09	8.87	8.38	8.40	101.0	8.19	8.61	

Cai Yanting (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	13-Jun-21	time		11.93		23.82	23.82	8 / 5			
reaction time	0.151	interval				11.89		# of strides	11.93	11.89	0.04
wind	0.2 m/s	velocity		8.38		8.41	8.40	98.0	8.38	8.41	

Njobvu, Rhodah (ZAM) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		12.06		23.82	23.82	3 / 7			
reaction time	0.180	interval				11.76		# of strides	12.06	11.76	0.30
wind	-0.3 m/s	velocity		8.29		8.50	8.40	97.0	8.29	8.50	

Akizawa, Risa (JPN) (2007)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)								*Takashima (2024) - national high school sports festival - biomechanics data*			
date	31-Jul-24	time	6.50	11.98	17.68	23.82	23.82	6 / 1			
reaction time	0.192	interval		5.48	5.70	6.14	**PB**	# of strides	11.98	11.84	0.14
wind	1.1 m/s	velocity	7.69	9.12	8.77	8.14	8.40		8.35	8.45	

Martins, Lorraine (BRA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Repechage 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	05-Aug-24	time	6.59	11.91	17.58	23.82	23.82	6 / 6			
reaction time	0.169	interval		5.32	5.67	6.24		# of strides	11.91	11.91	0.00
wind	0.6 m/s	velocity	7.59	9.40	8.82	8.01	8.40	106.7	8.40	8.40	

Katsura, Yuliya (RUS) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2013 Windsprint (Sundsvall, SWE)								*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		12.01	17.71	23.83	23.83	6 / 4			
reaction time		interval			5.70	6.12		# of strides	12.01	11.82	0.19
wind	1.6 m/s	velocity		8.33	8.77	8.17	8.39		8.33	8.46	

Ichikawa, Kana (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	24-Jun-18	time	6.63	12.02	17.66	23.83	23.83	7 / 2			
reaction time	0.143	interval		5.39	5.64	6.17		# of strides	12.02	11.81	0.21
wind	1.1 m/s	velocity	7.54	9.28	8.87	8.10	8.39		8.32	8.47	

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

Dobbin, Beth (GBR) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Weltklasse (Zürich, SUI)											*Omega Timing (2022) - diamond league race analysis*
date	08-Sep-22	time	6.53	11.93	17.67	23.83	23.83	1 / 8			
reaction time	0.137	interval		5.40	5.74	6.16		# of strides	11.93	11.90	0.03
wind	-0.9 m/s	velocity	7.66	9.26	8.71	8.12	8.39		8.38	8.40	

Zhu Junying (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)											*Shandong Athletics Sport Science (2024)*
date	15-Sep-24	time		12.16	17.80	23.83	23.83	6 / 1			
reaction time	0.160	interval			5.64	6.03		# of strides	12.16	11.67	0.49
wind	1.5 m/s	velocity		8.22	8.87	8.29	8.39	99.0	8.22	8.57	

Liu Guoyi (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Championships (Quzhou, CHN)											*Shandong Athletics Sport Science (2024)*
date	16-Sep-24	time		11.89	17.59	23.83	23.83	7 / 6			
reaction time	0.194	interval			5.70	6.24	PB	# of strides	11.89	11.94	-0.05
wind	-1.0 m/s	velocity		8.41	8.77	8.01	8.39	98.0	8.41	8.38	

McGrone, Candyce (USA) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 USATF National Junior Championships (Columbus, OH)											*USATF Women's Sprint Development with HPC (2008)*
date	22-Jun-08	time		11.96	17.57	23.84	23.84	6 / 4			
reaction time		interval			5.61	6.27		# of strides	11.96	11.88	0.08
wind	-2.4 m/s	velocity		8.36	8.91	7.97	8.39		8.36	8.42	

Lowery, Santana (USA) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*
date	05-Jul-08	time	6.52	11.87	17.58	23.84	23.84	4 / 6			
reaction time		interval		5.35	5.71	6.26		# of strides	11.87	11.97	-0.10
wind	1.6 m/s	velocity	7.67	9.35	8.76	7.99	8.39		8.42	8.35	

Shi Yarong (CHN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)											*Jiang (2019) - data analysis women's sprint finals the world championships trials*
date	03-Aug-19	time	6.57	11.90	17.64	23.84	23.84	7 / 4			
reaction time		interval		5.33	5.74	6.20	PB	# of strides	11.90	11.94	-0.04
wind	0.2 m/s	velocity	7.61	9.38	8.71	8.06	8.39		8.40	8.38	

Brier, Hannah (GBR) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)											*Longines Timing (2022) - commonwealth games race analysis*
date	05-Aug-22	time	6.4	11.9	17.6	23.84	23.84	7 / 6			
reaction time	0.147	interval		5.50	5.70	6.24		# of strides	11.90	11.94	-0.04
wind	1.9 m/s	velocity	7.81	9.09	8.77	8.01	8.39	99.2	8.40	8.38	

Rogers, Jenelle (USA) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)											*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*
date	23-Jun-24	time	6.73	12.11	17.79	23.84	23.84	4 / 4			
reaction time		interval		5.38	5.68	6.05		# of strides	12.11	11.73	0.38
wind	1.1 m/s	velocity	7.43	9.29	8.80	8.26	8.39		8.26	8.53	

Liu Guoyi (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)											*Shandong Athletics Sport Science (2024)*
date	15-Sep-24	time		11.91	17.53	23.84	23.84	8 / 2			
reaction time	0.208	interval			5.62	6.31	PB	# of strides	11.91	11.93	-0.02
wind	0.9 m/s	velocity		8.40	8.90	7.92	8.39	97.5	8.40	8.38	

Nelson, Kemba (JAM) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)											*Grand Slam Track (2025) - results and splits by race*
date	06-Apr-25	time	6.47	11.77	17.54	23.84	23.84	8 / 4			
reaction time	0.220	interval		5.30	5.77	6.30		# of strides	11.77	12.07	-0.30
wind	-4.7 m/s	velocity	7.73	9.43	8.67	7.94	8.39	104.5	8.50	8.29	

Anderson, Andrea (USA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1996 USATF National Junior Championships (Delaware, OH)											*USATF Women's Sprint Development (1996)*
date	29-Jun-96	time	6.61	11.96	17.56	23.85	23.85	6 / 3			
reaction time		interval		5.35	5.60	6.29		# of strides	11.96	11.89	0.07
wind	-1.3 m/s	velocity	7.56	9.35	8.93	7.95	8.39		8.36	8.41	

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

Akinyemi, Folake (NOR) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Windsprint (Sundsvall, SWE)								*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time		12.10		23.85	23.85	/ 3			
reaction time		interval				11.75		# of strides	12.10	11.75	0.35
wind	2.2 m/s	velocity		8.26		4.19	8.39		8.26	8.51	

Kong Lingwei (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)								*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date	03-Aug-19	time	6.57	11.83	17.54	23.85	23.85	4 / 5			
reaction time		interval		5.26	5.71	6.31		# of strides	11.83	12.02	-0.19
wind	0.2 m/s	velocity	7.61	9.51	8.76	7.92	8.39		8.45	8.32	

Oishi, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	20-Sep-20	time	6.68	12.11	17.79	23.85	23.85	4 / 1			
reaction time	0.179	interval		5.43	5.68	6.06	**PB**	# of strides	12.11	11.74	0.37
wind	0.6 m/s	velocity	7.49	9.21	8.80	8.25	8.39		8.26	8.52	

Brooks, Taliyah (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.02		23.85	23.85	5 / 3			
reaction time	0.144	interval				11.83		# of strides	12.02	11.83	0.19
wind	0.0 m/s	velocity		8.32		8.45	8.39	93.5	8.32	8.45	

Schäfer, Carolin (GER) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.64	12.02	17.67	23.85	23.85	2 / 2			
reaction time	0.154	interval		5.38	5.65	6.18		# of strides	12.02	11.83	0.19
wind	0.4 m/s	velocity	7.53	9.29	8.85	8.09	8.39	96.7	8.32	8.45	

Yosypenko, Lyudmyla (UKR) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.67	12.01	17.64	23.86	23.86	5 / 2			
reaction time	0.177	interval		5.34	5.63	6.22		# of strides	12.01	11.85	0.16
wind	0.0 m/s	velocity	7.50	9.36	8.88	8.04	8.38		8.33	8.44	

Saito, Ami (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese National Championships (Niigata, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	03-Oct-20	time	6.61	12.05	17.78	23.86	23.86	4 / 4			
reaction time	0.150	interval		5.44	5.73	6.08		# of strides	12.05	11.81	0.24
wind	-0.1 m/s	velocity	7.56	9.19	8.73	8.22	8.38	103.2	8.30	8.47	

Nyamahunge, Jacent (UGA) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.5	11.9	17.6	23.86	23.86	9 / 5			
reaction time	0.193	interval		5.40	5.70	6.26		# of strides	11.90	11.96	-0.06
wind	0.0 m/s	velocity	7.69	9.26	8.77	7.99	8.38	100.0	8.40	8.36	

Rosa, Vitoria Cristina (BRA) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 6 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	23-Aug-23	time		12.21		23.86	23.86	2 / 8			
reaction time	0.164	interval				11.65		# of strides	12.21	11.65	0.56
wind	-0.3 m/s	velocity		8.19		8.58	8.38	97.0	8.19	8.58	

Bieber, Halle (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	28-Jun-24	time	6.68	12.07	17.79	23.86	23.86	1 / 9			
reaction time		interval		5.39	5.72	6.07		# of strides	12.07	11.79	0.28
wind	0.6 m/s	velocity	7.49	9.28	8.74	8.24	8.38		8.29	8.48	

Zhang Zhu (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time		12.13	17.80	23.86	23.86	6 / 1			
reaction time	0.191	interval			5.67	6.06		# of strides	12.13	11.73	0.40
wind	0.0 m/s	velocity		8.24	8.82	8.25	8.38	104.0	8.24	8.53	

Vidts, Noor (BEL) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.61	11.99	17.63	23.86	23.86	8 / 3			
reaction time	0.157	interval		5.38	5.64	6.23		# of strides	11.99	11.87	0.12
wind	0.4 m/s	velocity	7.56	9.29	8.87	8.03	8.38	94.0	8.34	8.42	

Cai Yanting (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)								*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time		12.04	17.78	23.86	23.86	7 / 2			
reaction time	0.174	interval			5.74	6.08		# of strides	12.04	11.82	0.22
wind	1.5 m/s	velocity		8.31	8.71	8.22	8.38	98.5	8.31	8.46	

Slettum, Elisabeth (NOR) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Windsprint (Sundsvall, SWE)								*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date	06-Jul-08	time		12.12	17.81	23.87	23.87	2 / 2			
reaction time		interval			5.69	6.06		# of strides	12.12	11.75	0.37
wind	1.3 m/s	velocity		8.25	8.79	8.25	8.38		8.25	8.51	

Tymińska, Karolina (POL) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.72	12.04	17.75	23.87	23.87	4 / 3			
reaction time	0.174	interval		5.32	5.71	6.12		# of strides	12.04	11.83	0.21
wind	0.0 m/s	velocity	7.44	9.40	8.76	8.17	8.38		8.31	8.45	

Wada, Maki (JPN) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	22-Sep-18	time	6.43	11.86	17.61	23.87	23.87	7 / 1			
reaction time	0.148	interval		5.43	5.75	6.26		# of strides	11.86	12.01	-0.15
wind	0.2 m/s	velocity	7.78	9.21	8.70	7.99	8.38		8.43	8.33	

Kurashige, Miu (JPN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)								*Shibayama (2021) - national high school and U20 national championhsips*			
date	31-Jul-21	time	6.45	12.03	17.75	23.87	23.87	5 / 3			
reaction time	0.150	interval		5.58	5.72	6.12		# of strides	12.03	11.84	0.19
wind	2.2 m/s	velocity	7.75	8.96	8.74	8.17	8.38		8.31	8.45	

Ndoro, Millicent (KEN) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.5	12.0	17.7	23.87	23.87	8 / 6			
reaction time	0.198	interval		5.50	5.70	6.17		# of strides	12.00	11.87	0.13
wind	0.0 m/s	velocity	7.69	9.09	8.77	8.10	8.38	94.0	8.33	8.42	

Lazraq-Khlass, Auriana (FRA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.69	12.05	17.72	23.87	23.87	9 / 3			
reaction time	0.169	interval		5.36	5.67	6.15		# of strides	12.05	11.82	0.23
wind	-0.5 m/s	velocity	7.47	9.33	8.82	8.13	8.38	93.0	8.30	8.46	

Ivery, Lakadron (USA) (1983)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.52	11.78	17.70	23.88	23.88	2 / 6			
reaction time		interval		5.26	5.92	6.18		# of strides	11.78	12.10	-0.32
wind	2.0 m/s	velocity	7.67	9.51	8.45	8.09	8.38		8.49	8.26	

Ichikawa, Kana (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	10-May-15	time	6.69	12.20	17.84	23.88	23.88	8 / 8			
reaction time		interval		5.51	5.64	6.04		# of strides	12.20	11.68	0.52
wind	1.0 m/s	velocity	7.47	9.07	8.87	8.28	8.38		8.20	8.56	

Hosoya, Yumi (JPN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	09-May-21	time	6.58	12.05	17.75	23.88	23.88	7 / 1			
reaction time	0.160	interval		5.47	5.70	6.13	PB	# of strides	12.05	11.83	0.22
wind	0.3 m/s	velocity	7.60	9.14	8.77	8.16	8.38	104.2	8.30	8.45	

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

Ma Chengna (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	28-Jun-23	time		11.61	17.30	23.88	23.88	3 / 4			
reaction time	0.181	interval			5.69	6.58	PB	# of strides	11.61	12.27	-0.66
wind	0.5 m/s	velocity		8.61	8.79	7.60	8.38	100.0	8.61	8.15	

Weißenberg, Sophie (GER) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)										*Seiko Timing (2023) - world championship race analysis*	
date	19-Aug-23	time		12.27		23.88	23.88	7 / 4			
reaction time	0.193	interval				11.61		# of strides	12.27	11.61	0.66
wind	0.0 m/s	velocity		8.15		8.61	8.38	93.0	8.15	8.61	

Kälin, Annik (SUI) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	08-Aug-24	time	6.46	11.87	17.64	23.88	23.88	2 / 4			
reaction time	0.172	interval		5.41	5.77	6.24		# of strides	11.87	12.01	-0.14
wind	-0.5 m/s	velocity	7.74	9.24	8.67	8.01	8.38	99.0	8.42	8.33	

Xie Fuyu (CHN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)										*Shandong Athletics Sport Science (2024)*	
date	15-Sep-24	time		11.94	17.60	23.88	23.88	5 / 3			
reaction time	0.195	interval			5.66	6.28		# of strides	11.94	11.94	0.00
wind	0.9 m/s	velocity		8.38	8.83	7.96	8.38	102.0	8.38	8.38	

Liu Yinglan (CHN) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)										*Shandong Athletics Sport Science (2024)*	
date	15-Sep-24	time		12.12	17.84	23.88	23.88	5 / 3			
reaction time	0.195	interval			5.72	6.04		# of strides	12.12	11.76	0.36
wind	1.5 m/s	velocity		8.25	8.74	8.28	8.38	94.5	8.25	8.50	

Maeyama, Miyu (JPN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National Championships (Osaka, JPN)										*Takahashi (2017) - 200m running performance analysis in the 2017 season*	
date	25-Jun-17	time	6.48	11.92	17.60	23.89	23.89	2 / 4			
reaction time	0.181	interval		5.44	5.68	6.29		# of strides	11.92	11.97	-0.05
wind	-0.2 m/s	velocity	7.72	9.19	8.80	7.95	8.37		8.39	8.35	

Aono, Shuri (JPN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)										*Kota (2018) - 71st high school championships: JAF scientific committee*	
date	05-Aug-18	time	6.65	12.15	17.76	23.89	23.89	4 / 2			
reaction time		interval		5.50	5.61	6.13		# of strides	12.15	11.74	0.41
wind	0.8 m/s	velocity	7.52	9.09	8.91	8.16	8.37		8.23	8.52	

Yamagata, Aiha (JPN) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)										*Shibayama (2021) - national high school and U20 national championhsips*	
date	31-Jul-21	time	6.60	12.23	17.90	23.89	23.89	6 / 4			
reaction time	0.187	interval		5.63	5.67	5.99		# of strides	12.23	11.66	0.57
wind	2.2 m/s	velocity	7.58	8.88	8.82	8.35	8.37		8.18	8.58	

Dokter, Sofie (NED) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)										*Seiko Timing (2023) - world championship race analysis*	
date	19-Aug-23	time		12.44		23.89	23.89	9 / 5			
reaction time	0.157	interval				11.45		# of strides	12.44	11.45	0.99
wind	0.0 m/s	velocity		8.04		8.73	8.37	98.0	8.04	8.73	

Hall, Anna (USA) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	08-Aug-24	time	6.66	12.03	17.70	23.89	23.89	3 / 4			
reaction time	0.218	interval		5.37	5.67	6.19		# of strides	12.03	11.86	0.17
wind	0.4 m/s	velocity	7.51	9.31	8.82	8.08	8.37	91.7	8.31	8.43	

Neita, Daryll (GBR) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)										*Grand Slam Track (2025) - results and splits by race*	
date	06-Apr-25	time	6.43	11.58	17.45	23.89	23.89	5 / 5			
reaction time	0.200	interval		5.15	5.87	6.44		# of strides	11.58	12.31	-0.73
wind	-4.7 m/s	velocity	7.78	9.71	8.52	7.76	8.37	95.5	8.64	8.12	

Grace, Carla (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Junior Championships (Carson, CA)									*USATF Women's Sprint Development (2005)*		
date	24-Jun-05	time		11.93	17.67	23.90	23.90	3 / 8			
reaction time		interval			5.74	6.23		# of strides	11.93	11.97	-0.04
wind	0.6 m/s	velocity		8.38	8.71	8.03	8.37		8.38	8.35	

Wittstock, Estie (RSA) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Windsprint (Sundsvall, SWE)									*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*		
date	17-Jun-12	time		12.21		23.90	23.90	/ 4			
reaction time		interval				11.69		# of strides	12.21	11.69	0.52
wind	2.2 m/s	velocity		8.19		4.18	8.37		8.19	8.55	

Kageyama, Sakiho (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)									*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*		
date	30-Jun-19	time	6.56	12.12	17.84	23.90	23.90	4 / 2			
reaction time	0.162	interval		5.56	5.72	6.06	**PB**	# of strides	12.12	11.78	0.34
wind	-0.4 m/s	velocity	7.62	8.99	8.74	8.25	8.37	108.0	8.25	8.49	

van Vliet, Leonie (NED) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Athletissima (Lausanne, SUI)									*Omega Timing (2021) - diamond league race analysis*		
date	26-Aug-21	time	6.6	12.0	17.8	23.90	23.90	1 / 8			
reaction time	0.232	interval		5.40	5.80	6.10		# of strides	12.00	11.90	0.10
wind	2.5 m/s	velocity	7.58	9.26	8.62	8.20	8.37	96.0	8.33	8.40	

Cai Yanting (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)									*Shandong Athletics Sport Science (2023)*		
date	29-Jun-23	time		12.16	17.87	23.90	23.90	5 / 2			
reaction time	0.214	interval			5.71	6.03		# of strides	12.16	11.74	0.42
wind	0.5 m/s	velocity		8.22	8.76	8.29	8.37	99.7	8.22	8.52	

Hall, Anna (USA) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 USA Olympic Trials (Eugene, OR)									*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*		
date	23-Jun-24	time	6.56	12.11	17.79	23.90	23.90	9 / 1			
reaction time		interval		5.55	5.68	6.11		# of strides	12.11	11.79	0.32
wind	1.1 m/s	velocity	7.62	9.01	8.80	8.18	8.37		8.26	8.48	

Fukushima, Chisato (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)									*Takahashi (2017) - 200m running performance analysis in the 2017 season*		
date	03-May-17	time	6.44	11.83	17.62	23.91	23.91	5 / 1			
reaction time		interval		5.39	5.79	6.29		# of strides	11.83	12.08	-0.25
wind	-0.5 m/s	velocity	7.76	9.28	8.64	7.95	8.36		8.45	8.28	

Imai, Saori (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)									*Takahashi (2017) - 200m running performance analysis in the 2017 season*		
date	21-May-17	time	6.67	12.20	17.86	23.91	23.91	1 / 7			
reaction time	0.165	interval		5.53	5.66	6.05		# of strides	12.20	11.71	0.49
wind	0.6 m/s	velocity	7.50	9.04	8.83	8.26	8.36	99.0	8.20	8.54	

Martins, Lorraine (BRA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 IAAF World Junior Championships (Tampere, FIN)									*Koyama (2018) - research on athlete performance and technique- 2018 data book*		
date	14-Jul-18	time	6.65	12.16	17.80	23.91	23.91	2 / ~~8~~ 7			
reaction time	0.169	interval		5.51	5.64	6.11		# of strides	12.16	11.75	0.41
wind	-0.1 m/s	velocity	7.52	9.07	8.87	8.18	8.36		8.22	8.51	

Cai Yanting (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)									*CAA Hurdle Development (2021)*		
date	12-Jun-21	time		11.90		23.91	23.91	5 / 3			
reaction time	0.154	interval				12.01		# of strides	11.90	12.01	-0.11
wind	-0.4 m/s	velocity		8.40		8.33	8.36	99.0	8.40	8.33	

Oishi, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Race 2 - 2020 World Athletics Trials (Fuji, JPN)									*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*		
date	06-Sep-20	time	6.56	11.92	17.67	23.91	23.91	4 / 2			
reaction time		interval		5.36	5.75	6.24		# of strides	11.92	11.99	-0.07
wind	-0.7 m/s	velocity	7.62	9.33	8.70	8.01	8.36		8.39	8.34	

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

Bürgi, Céline (SUI) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Athletissima (Lausanne, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	26-Aug-22	time	6.4	11.7	17.4	23.91	23.91	7 / 4			
reaction time	0.132	interval		5.30	5.70	6.51		# of strides	11.70	12.21	-0.51
wind	-0.9 m/s	velocity	7.81	9.43	8.77	7.68	8.36		8.55	8.19	

Liu Yinglan (CHN) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)								*Shandong Athletics Sport Science (2023)*			
date	29-Jun-23	time		12.26	17.98	23.91	23.91	7 / 3			
reaction time	0.196	interval			5.72	5.93		# of strides	12.26	11.65	0.61
wind	0.5 m/s	velocity		8.16	8.74	8.43	8.36	96.7	8.16	8.58	

Kobari, Akiha (JPN) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)								*Takashima (2024) - national high school sports festival - biomechanics data*			
date	31-Jul-24	time	6.49	12.05	17.78	23.91	23.91	8 / 2			
reaction time	0.171	interval		5.56	5.73	6.13		# of strides	12.05	11.86	0.19
wind	1.1 m/s	velocity	7.70	8.99	8.73	8.16	8.36		8.30	8.43	

Kong Lingyao (CHN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)								*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time		12.22	17.94	23.91	23.91	4 / 4			
reaction time	0.173	interval			5.72	5.97	PB	# of strides	12.22	11.69	0.53
wind	1.5 m/s	velocity		8.18	8.74	8.38	8.36	98.5	8.18	8.55	

Miller, Scottesha (USA) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)								*USATF Women's Sprint Development with HPC (2008)*			
date	04-Jul-08	time	6.62	12.11	17.66	23.92	23.92	5 / 6			
reaction time		interval		5.49	5.55	6.26		# of strides	12.11	11.81	0.30
wind	1.4 m/s	velocity	7.55	9.11	9.01	7.99	8.36	95.0	8.26	8.47	

Slettum, Elisabeth (NOR) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2015 Windsprint (Sundsvall, SWE)								*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time		12.27		23.92	23.92	6 / 3			
reaction time		interval				11.65		# of strides	12.27	11.65	0.62
wind	0.8 m/s	velocity		8.15		8.58	8.36		8.15	8.58	

Kora, Salomé (SUI) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)								*Swiss Athletics (2016) - sprint and hurdle analysis*			
date	21-May-16	time		11.88	17.58	23.92	23.92	/ 2			
reaction time		interval			5.70	6.34		# of strides	11.88	12.04	-0.16
wind	0.6m/s	velocity		8.42	8.77	7.89	8.36		8.42	8.31	

Yamada, Miki (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	24-Jun-18	time	6.71	12.15	17.79	23.92	23.92	3 / 3			
reaction time	0.176	interval		5.44	5.64	6.13	PB	# of strides	12.15	11.77	0.38
wind	1.1 m/s	velocity	7.45	9.19	8.87	8.16	8.36		8.23	8.50	

Davis, Courtne (USA) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)								*European Athletics (2019) - race analysis*			
date	10-Sep-19	time		12.02		23.92	23.92	3 / 8			
reaction time	0.205	interval				11.90		# of strides	12.02	11.90	0.12
wind	-0.1 m/s	velocity		8.32		8.40	8.36	92.5	8.32	8.40	

Vidts, Noor (BEL) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.26		23.92	23.92	7 / 5			
reaction time	0.166	interval				11.66		# of strides	12.26	11.66	0.60
wind	1.4 m/s	velocity		8.16		8.58	8.36	94.0	8.16	8.58	

Kageyama, Sakiho (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)								*Kota (2018) - 71st high school championships: JAF scientific committee*			
date	05-Aug-18	time	6.57	12.19	17.93	23.93	23.93	6 / 3			
reaction time		interval		5.62	5.74	6.00	PB	# of strides	12.19	11.74	0.45
wind	0.8 m/s	velocity	7.61	8.90	8.71	8.33	8.36		8.20	8.52	

Satou, Aoi (JPN) (2004)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)						*Shibayama (2021) - national high school and U20 national championhsips*			
date 31-Jul-21	time	6.65	12.27	17.93	23.93	23.93	8 / 5			
reaction time 0.177	interval		5.62	5.66	6.00		# of strides	12.27	11.66	0.61
wind 2.2 m/s	velocity	7.52	8.90	8.83	8.33	8.36		8.15	8.58	

Nilsson, Pernilla (SWE) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		12.16		23.94	23.94	2 / 3			
reaction time	interval			11.78			# of strides	12.16	11.78	0.38
wind 2.7 m/s	velocity		8.22		8.49	8.35		8.22	8.49	

Li Yuting (CHN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)						*Shandong Athletics Sport Science (2023)*			
date 28-Jun-23	time		11.98	17.67	23.94	23.94	4 / 2			
reaction time 0.181	interval			5.69	6.27		# of strides	11.98	11.96	0.02
wind 0.2 m/s	velocity		8.35	8.79	7.97	8.35	90.0	8.35	8.36	

Harmon, Donita (USA) (1983)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Windsprint (Sundsvall, SWE)						*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date 06-Jul-08	time		12.14	17.86	23.95	23.95	6 / 3			
reaction time	interval			5.72	6.09		# of strides	12.14	11.81	0.33
wind 1.3 m/s	velocity		8.24	8.74	8.21	8.35		8.24	8.47	

Ge Manqi (CHN) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)						*CAA Hurdle Development (2021)*			
date 12-Jun-21	time		11.78	17.50	23.95	23.95	4 / 4			
reaction time 0.163	interval			5.72	6.45		# of strides	11.78	12.17	-0.39
wind -0.2 m/s	velocity		8.49	8.74	7.75	8.35	93.2	8.49	8.22	

Njadoe, Wurrie (GAM) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 05-Aug-22	time	6.5	12.0	17.6	23.95	23.95	2 / 7			
reaction time 0.170	interval		5.50	5.60	6.35		# of strides	12.00	11.95	0.05
wind 0.0 m/s	velocity	7.69	9.09	8.93	7.87	8.35	95.0	8.33	8.37	

McMullen, Avery (USA) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 23-Jun-24	time	6.65	12.22	17.91	23.95	23.95	7 / 1			
reaction time	interval		5.57	5.69	6.04		# of strides	12.22	11.73	0.49
wind 1.8 m/s	velocity	7.52	8.98	8.79	8.28	8.35		8.18	8.53	

Saito, Ami (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)						*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date 03-May-16	time	6.78	12.31	17.92	23.96	23.96	/ 1			
reaction time	interval		5.53	5.61	6.04	PB	# of strides	12.31	11.65	0.66
wind 0.5 m/s	velocity	7.37	9.04	8.91	8.28	8.35		8.12	8.58	

Nagano, Mariko (JPN) (1994)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National Championships (Nagoya, JPN)						*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date 26-Jun-16	time	6.57	12.00	17.71	23.96	23.96	/ 5			
reaction time	interval		5.43	5.71	6.25	PB	# of strides	12.00	11.96	0.04
wind 1.8 m/s	velocity	7.61	9.21	8.76	8.00	8.35		8.33	8.36	

Adachi, Marin (JPN) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 25-Oct-20	time	6.67	12.15	17.84	23.96	23.96	3 / 2			
reaction time 0.164	interval		5.48	5.69	6.12		# of strides	12.15	11.81	0.34
wind 4.3 m/s	velocity	7.50	9.12	8.79	8.17	8.35	109.1	8.23	8.47	

Liu Yinglan (CHN) (2005)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)						*CAA Hurdle Development (2021)*			
date 27-Jun-21	time	6.26	12.33	18.02	23.96	23.96	2 / 3			
reaction time 0.213	interval		6.07	5.69	5.94		# of strides	12.33	11.63	0.70
wind 0.5 m/s	velocity	7.99	8.24	8.79	8.42	8.35	97.5	8.11	8.60	

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

Sugimoto, Miu (JPN) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)							*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*				
date	02-Aug-23	time	6.70	12.25	17.99	23.96	23.96	6 / 1			
reaction time	0.162	interval		5.55	5.74	5.97	**PB**	# of strides	12.25	11.71	0.54
wind	-0.5 m/s	velocity	7.46	9.01	8.71	8.38	8.35	101.7	8.16	8.54	

Kurashige, Miu (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)							*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*				
date	02-Aug-23	time	6.49	11.91	17.70	23.96	23.96	5 / 2			
reaction time	0.160	interval		5.42	5.79	6.26		# of strides	11.91	12.05	-0.14
wind	-0.5 m/s	velocity	7.70	9.23	8.64	7.99	8.35	99.0	8.40	8.30	

Cai Yanting (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time		12.19	17.93	23.96	23.96	7 / 2			
reaction time	0.179	interval			5.74	6.03		# of strides	12.19	11.77	0.42
wind	0.0 m/s	velocity		8.20	8.71	8.29	8.35	100.0	8.20	8.50	

Okabe, Nao (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)							*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*				
date	12-Jun-11	time	6.53	11.96	17.76	23.97	23.97	/ 3			
reaction time		interval		5.43	5.80	6.21		# of strides	11.96	12.01	-0.05
wind	-0.7 m/s	velocity	7.66	9.21	8.62	8.05	8.34		8.36	8.33	

Imai, Saori (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)							*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*				
date	12-Jun-11	time	6.62	12.03	17.82	23.97	23.97	/ 4			
reaction time		interval		5.41	5.79	6.15		# of strides	12.03	11.94	0.09
wind	-0.7 m/s	velocity	7.55	9.24	8.64	8.13	8.34		8.31	8.38	

Schmidová, Martina (CZE) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.72	12.53	17.84	23.97	23.97	7 / 4			
reaction time	0.241	interval		5.81	5.31	6.13	**PB**	# of strides	12.53	11.44	1.09
wind	0.3 m/s	velocity	7.44	8.61	9.42	8.16	8.34		7.98	8.74	

Atherley, Michelle (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	17-Jul-22	time		12.09		23.97	23.97	1 / 6			
reaction time	0.134	interval				11.88		# of strides	12.09	11.88	0.21
wind	1.4 m/s	velocity		8.27		8.42	8.34	91.0	8.27	8.42	

Yamagata, Aiha (JPN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)							*Takashima (2023) - national high school sports festival - biomechanics data*				
date	05-Aug-23	time	6.56	12.14	17.86	23.97	23.97	5 / 1			
reaction time	0.257	interval		5.58	5.72	6.11		# of strides	12.14	11.83	0.31
wind	0.2 m/s	velocity	7.62	8.96	8.74	8.18	8.34		8.24	8.45	

Aono, Akari (JPN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)							*Kota (2017) - 70th high school championships: JAF scientific committee*				
date	01-Aug-17	time	6.69	12.26	17.85	23.98	23.98	7 / 1			
reaction time	0.158	interval		5.57	5.59	6.13		# of strides	12.26	11.72	0.54
wind	-0.2 m/s	velocity	7.47	8.98	8.94	8.16	8.34		8.16	8.53	

Mimura, Naomi (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)							*JAAF (2019) - research on athlete performance and technique- 2019 data book*				
date	20-Oct-19	time	6.80	12.28	17.93	23.98	23.98	3 / 1			
reaction time	0.245	interval		5.48	5.65	6.05		# of strides	12.28	11.70	0.58
wind	-0.8 m/s	velocity	7.35	9.12	8.85	8.26	8.34	101.0	8.14	8.55	

Liao Mengxue (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	6.18	12.15	17.87	23.98	23.98	6 / 1			
reaction time	0.249	interval		5.97	5.72	6.11		# of strides	12.15	11.83	0.32
wind	0.8 m/s	velocity	8.09	8.38	8.74	8.18	8.34	99.5	8.23	8.45	

Ma Chengna (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)										*Shandong Athletics Sport Science (2024)*	
date	15-Sep-24	time		11.79	17.52	23.98	23.98	4 / 4			
reaction time	0.149	interval			5.73	6.46		# of strides	11.79	12.19	-0.40
wind	0.9 m/s	velocity		8.48	8.73	7.74	8.34	98.0	8.48	8.20	

Dorobisz, Iwona (POL) (1980)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 Windsprint (Sundsvall, SWE)										*(2007) - www.ssg.se/en/Windsprint/Split-times/*	
date	24-Jul-07	time		12.03	17.72	23.99	23.99	6 / 1			
reaction time		interval			5.69	6.27		# of strides	12.03	11.96	0.07
wind	0.6 m/s	velocity		8.31	8.79	7.97	8.34		8.31	8.36	

Hejnová, Zuzana (CZE) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.74	12.15	17.83	23.99	23.99	4 / 1			
reaction time	0.156	interval		5.41	5.68	6.16		# of strides	12.15	11.84	0.31
wind	-0.3 m/s	velocity	7.42	9.24	8.80	8.12	8.34		8.23	8.45	

Busk, Daniella (SWE) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2013 Windsprint (Sundsvall, SWE)										*(2013) - www.ssg.se/windsprint/Splittider/*	
date	28-Jul-13	time		12.18	17.82	23.99	23.99	6 / 4			
reaction time		interval			5.64	6.17		# of strides	12.18	11.81	0.37
wind	-0.1 m/s	velocity		8.21	8.87	8.10	8.34		8.21	8.47	

Pierre, Barbara (USA) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	03-May-16	time	6.32	11.69	17.52	23.99	23.99	/ 1			
reaction time		interval		5.37	5.83	6.47		# of strides	11.69	12.30	-0.61
wind	-1.5 m/s	velocity	7.91	9.31	8.58	7.73	8.34		8.55	8.13	

Takita, Izumi (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	09-May-21	time	6.70	12.19	17.86	23.99	23.99	5 / 2			
reaction time	0.133	interval		5.49	5.67	6.13	PB	# of strides	12.19	11.80	0.39
wind	0.3 m/s	velocity	7.46	9.11	8.82	8.16	8.34	104.7	8.20	8.47	

Harris, Flirtisha (USA) (1972)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)										*USATF Women's Sprint Development (1996)*	
date	22-Jun-96	time		12.07	17.80	24.00	24.00	8 / 7			
reaction time		interval			5.73	6.20		# of strides	12.07	11.93	0.14
wind	0.5 m/s	velocity		8.29	8.73	8.06	8.33		8.29	8.38	

Smith, Stephanie (USA) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)										*USATF Women's Sprint Development (2003)*	
date	21-Jun-03	time	6.92	12.46	18.07	24.00	24.00	3 / 5			
reaction time		interval		5.54	5.61	5.93		# of strides	12.46	11.54	0.92
wind	-1.5 m/s	velocity	7.23	9.03	8.91	8.43	8.33		8.03	8.67	

Aruhn, Lena (SWE) (1970)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 Windsprint (Sundsvall, SWE)										*(2007) - www.ssg.se/en/Windsprint/Split-times/*	
date	24-Jul-07	time		12.15	17.87	24.00	24.00	5 / 2			
reaction time		interval			5.72	6.13		# of strides	12.15	11.85	0.30
wind	0.6 m/s	velocity		8.23	8.74	8.16	8.33		8.23	8.44	

Günther, Leena (GER) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)										*Graubner (2010) - http://www.fgs.uni-halle.de*	
date	07-Aug-10	time		12.27	17.97	24.00	24.00	/ 1			
reaction time		interval			5.70	6.03	PB	# of strides	12.27	11.73	0.54
wind	-0.1 m/s	velocity		8.15	8.77	8.29	8.33		8.15	8.53	

Sasaki, Azusa (JPN) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.44	12.04	17.80	24.00	24.00	6 / 2			
reaction time	0.153	interval		5.60	5.76	6.20	PB	# of strides	12.04	11.96	0.08
wind	1.2 m/s	velocity	7.76	8.93	8.68	8.06	8.33		8.31	8.36	

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

Tong Zenghuan (CHN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2021 Chinese National Championships (Chongqing, CHN)										*CAA Hurdle Development (2021)*	
date	27-Jun-21	time	6.23	12.23	17.88	24.00	24.00	3 / 1			
reaction time	0.329	interval		6.00	5.65	6.12		# of strides	12.23	11.77	0.46
wind	0.9 m/s	velocity	8.03	8.33	8.85	8.17	8.33	99.7	8.18	8.50	

Tian Yumei (CHN) (1965)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1990 Asian Games (Beijing, CHN)								*Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*			
date	02-Oct-90	time		12.02	17.78	23.98	24.01	/ 3			
reaction time		interval			5.76	6.20		# of strides	12.02	11.96	0.06
wind	-1.0 m/s	velocity		8.32	8.68	8.06	8.33		8.32	8.36	

Ivery, Lakadron (USA) (1983)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)										*USATF Women's Sprint Development (2004)*	
date	17-Jul-04	time	6.59	12.00	17.68	24.01	24.01	8 / 5			
reaction time		interval		5.41	5.68	6.33		# of strides	12.00	12.01	-0.01
wind	-1.2 m/s	velocity	7.59	9.24	8.80	7.90	8.33		8.33	8.33	

Ichikawa, Kana (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	18-Apr-15	time	6.73	12.22	17.88	24.01	24.01	6 / 2			
reaction time		interval		5.49	5.66	6.13		# of strides	12.22	11.79	0.43
wind	1.7 m/s	velocity	7.43	9.11	8.83	8.16	8.33	96.7	8.18	8.48	

Fukushima, Chisato (JPN) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National Championships (Osaka, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	25-Jun-17	time	6.41	11.76	17.55	24.01	24.01	5 / 5			
reaction time	0.160	interval		5.35	5.79	6.46		# of strides	11.76	12.25	-0.49
wind	-0.2 m/s	velocity	7.80	9.35	8.64	7.74	8.33		8.50	8.16	

Collins, Shania (LBR) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 NCAA Championships (Eugene, OR)								*Track Newsletter (2018) - NCAA women's championships*			
date	09-Jun-18	time		11.6		24.0	24.01	/ 8			
reaction time		interval				12.40		# of strides	11.60	12.40	-0.80
wind	-2.3 m/s	velocity		8.62		8.06	8.33		8.62	8.06	

Aoyama, Hanae (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.71	12.26	17.89	24.01	24.01	4 / 3			
reaction time	0.180	interval		5.55	5.63	6.12		# of strides	12.26	11.75	0.51
wind	4.3 m/s	velocity	7.45	9.01	8.88	8.17	8.33	101.6	8.16	8.51	

Davis, Jessica (USA) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 USATF National Junior Championships (Columbus, OH)								*USATF Women's Sprint Development with HPC (2008)*			
date	22-Jun-08	time		11.93	17.78	24.02	24.02	9 / 5			
reaction time		interval			5.85	6.24		# of strides	11.93	12.09	-0.16
wind	-2.4 m/s	velocity		8.38	8.55	8.01	8.33		8.38	8.27	

Doi, Anna (JPN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	18-Apr-15	time	6.58	12.05	17.78	24.02	24.02	5 / 3			
reaction time		interval		5.47	5.73	6.24		# of strides	12.05	11.97	0.08
wind	1.7 m/s	velocity	7.60	9.14	8.73	8.01	8.33	106.2	8.30	8.35	

Mimura, Kanami (JPN) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)								*Kota (2018) - 71st high school championships: JAF scientific committee*			
date	05-Aug-18	time	6.58	12.07	17.82	24.02	24.02	7 / 4			
reaction time		interval		5.49	5.75	6.20	PB	# of strides	12.07	11.95	0.12
wind	0.8 m/s	velocity	7.60	9.11	8.70	8.06	8.33		8.29	8.37	

Lazraq, Auriana (FRA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.27		24.02	24.02	8 / 1			
reaction time	0.186	interval				11.75	PB	# of strides	12.27	11.75	0.52
wind	-0.1 m/s	velocity		8.15		8.51	8.33	93.5	8.15	8.51	

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

Brooks, Taliyah (USA) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.55	11.98	17.76	24.02	24.02	6 / 5			
reaction time	0.142	interval		5.43	5.78	6.26		# of strides	11.98	12.04	-0.06
wind	-0.5 m/s	velocity	7.63	9.21	8.65	7.99	8.33	94.0	8.35	8.31	

Reid, Alana (JAM) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)								*Grand Slam Track (2025) - results and splits by race*			
date	06-Apr-25	time	6.51	11.80	17.69	24.02	24.02	2 / 6			
reaction time	0.220	interval		5.29	5.89	6.33		# of strides	11.80	12.22	-0.42
wind	-4.7 m/s	velocity	7.68	9.45	8.49	7.90	8.33	94.2	8.47	8.18	

Uba, Rufina (NGR) (1959)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1985 World Cup (Canberra, AUS)								*Veney - 200m women from PJ*			
date	04-Oct-85	time		12.2		24.03	24.03	2 / 7			
reaction time		interval				11.83		# of strides	12.20	11.83	0.37
wind	-0.7 m/s	velocity		8.20		8.45	8.32		8.20	8.45	

Rhett, Amandi (USA) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2004 USA Olympic Trials (Sacramento, CA)								*USATF Women's Sprint Development (2004)*			
date	16-Jul-04	time	6.54	11.98	17.71	24.03	24.03	4 / 5			
reaction time		interval		5.44	5.73	6.32		# of strides	11.98	12.05	-0.07
wind	-0.6 m/s	velocity	7.65	9.19	8.73	7.91	8.32		8.35	8.30	

Ichikawa, Kana (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2018 Shizuoka International Meeting (Fukuroi, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	03-May-18	time	6.62	12.00	17.69	24.03	24.03	6 / 4			
reaction time	0.165	interval		5.38	5.69	6.34		# of strides	12.00	12.03	-0.03
wind	1.1 m/s	velocity	7.55	9.29	8.79	7.89	8.32	99.0	8.33	8.31	

Yoshida, Sayumi (JPN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Race 2 - 2020 World Athletics Trials (Fuji, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	06-Sep-20	time	6.65	12.04	17.80	24.03	24.03	6 / 3			
reaction time		interval		5.39	5.76	6.23	PB	# of strides	12.04	11.99	0.05
wind	-0.7 m/s	velocity	7.52	9.28	8.68	8.03	8.32		8.31	8.34	

Ishikawa, Yu (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Race 2 - 2020 World Athletics Trials (Fuji, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	06-Sep-20	time	6.59	11.98	17.76	24.03	24.03	2 / 4			
reaction time		interval		5.39	5.78	6.27	PB	# of strides	11.98	12.05	-0.07
wind	-0.7 m/s	velocity	7.59	9.28	8.65	7.97	8.32		8.35	8.30	

Aoyama, Seika (JPN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	20-Sep-20	time	6.74	12.23	17.97	24.03	24.03	7 / 2			
reaction time	0.170	interval		5.49	5.74	6.06		# of strides	12.23	11.80	0.43
wind	0.6 m/s	velocity	7.42	9.11	8.71	8.25	8.32		8.18	8.47	

Ma Chengna (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)								*Shandong Athletics Sport Science (2023)*			
date	27-May-23	time		11.68	17.50	24.03	24.03	5 / 1			
reaction time	0.170	interval			5.82	6.53		# of strides	11.68	12.35	-0.67
wind	-2.0 m/s	velocity		8.56	8.59	7.66	8.32	100.2	8.56	8.10	

Lin Xinyi (CHN) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)								*Shandong Athletics Sport Science (2023)*			
date	28-Jun-23	time		11.76	17.57	24.03	24.03	6 / 5			
reaction time	0.150	interval			5.81	6.46		# of strides	11.76	12.27	-0.51
wind	0.5 m/s	velocity		8.50	8.61	7.74	8.32	105.0	8.50	8.15	

Nesbitt, Cheyenne (USA) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 USA Olympic Trials (Eugene, OR)								*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date	23-Jun-24	time	6.55	12.07	17.79	24.03	24.03	4 / 2			
reaction time		interval		5.52	5.72	6.24		# of strides	12.07	11.96	0.11
wind	1.1 m/s	velocity	7.63	9.06	8.74	8.01	8.32		8.29	8.36	

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Feng Lulu (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)										*Shandong Athletics Sport Science (2024)*	
date	30-Jun-24	time		12.08	17.77	24.03	24.03	2 / 5			
reaction time	0.173	interval			5.69	6.26		# of strides	12.08	11.95	0.13
wind	0.3 m/s	velocity		8.28	8.79	7.99	8.32	106.0	8.28	8.37	

Ilieva, Tsvetanka (BUL) (1963)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1991 European Cup (Frankfurt, GER)										*Federle (2003) - http://www.fgs.uni-halle.de*	
date	30-Jun-91	time		12.24		24.04	24.04	/ 5			
reaction time		interval				11.80		# of strides	12.24	11.80	0.44
wind	-3.4 m/s	velocity		8.17		8.47	8.32		8.17	8.47	

Rosolová, Denisa (CZE) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)										*Feher (2013) - Final report men's & women's Czech Republic national champs*	
date	16-Jun-13	time	6.62	11.94	17.68	24.04	24.04	4 / 1			
reaction time	0.231	interval		5.32	5.74	6.36		# of strides	11.94	12.10	-0.16
wind	-1.1 m/s	velocity	7.55	9.40	8.71	7.86	8.32		8.38	8.26	

Saito, Ami (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)										*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*	
date	30-Jun-19	time	6.56	12.02	17.78	24.04	24.04	6 / 3			
reaction time	0.116	interval		5.46	5.76	6.26		# of strides	12.02	12.02	0.00
wind	-0.4 m/s	velocity	7.62	9.16	8.68	7.99	8.32	105.7	8.32	8.32	

Wessolly, Jessica-Bianca (GER) (1996			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 FBK Games (Hengelo, NED)										*Omega Timing (2023) - continental tour race analysis*	
date	04-Jun-23	time	6.74	12.21	17.91	24.04	24.04	1 / 8			
reaction time	0.187	interval		5.47	5.70	6.13		# of strides	12.21	11.83	0.38
wind	1.4 m/s	velocity	7.42	9.14	8.77	8.16	8.32	100.5	8.19	8.45	

Broadrick, Susanne (AUS) (1968)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1989 IAAF World Cup (Barcelona, ESP)										*Pascua (1990) - atletismo (I) carreras y marcha*	
date	08-Sep-89	time		12.04	17.94	24.05	24.05	/ 7			
reaction time		interval			5.90	6.11		# of strides	12.04	12.01	0.03
wind	0.2 m/s	velocity		8.31	8.47	8.18	8.32		8.31	8.33	

Smolarek, Joanna (POL) (1965)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1991 European Cup (Frankfurt, GER)										*Federle (2003) - http://www.fgs.uni-halle.de*	
date	30-Jun-91	time		12.02		24.05	24.05	/ 6			
reaction time		interval				12.03		# of strides	12.02	12.03	-0.01
wind	-3.4 m/s	velocity		8.32		8.31	8.32		8.32	8.31	

Maeyama, Miyu (JPN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)										*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*	
date	24-Jun-18	time	6.59	12.04	17.77	24.05	24.05	5 / 4			
reaction time	0.171	interval		5.45	5.73	6.28		# of strides	12.04	12.01	0.03
wind	1.1 m/s	velocity	7.59	9.17	8.73	7.96	8.32		8.31	8.33	

Kälin, Annik (SUI) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)										*Timing by Seiko (2022) - world athletics championships race analysis*	
date	17-Jul-22	time		12.03		24.05	24.05	8 / 1			
reaction time	0.142	interval				12.02		# of strides	12.03	12.02	0.01
wind	1.5 m/s	velocity		8.31		8.32	8.32	101.0	8.31	8.32	

Liu Guoyi (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	28-Jun-23	time		12.10	17.84	24.05	24.05	5 / 3			
reaction time	0.175	interval			5.74	6.21	PB	# of strides	12.10	11.95	0.15
wind	0.2 m/s	velocity		8.26	8.71	8.05	8.32	99.0	8.26	8.37	

Bougard, Erica (USA) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)										*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*	
date	23-Jun-24	time	6.81	12.11	18.04	24.05	24.05	8 / 5			
reaction time		interval		5.30	5.93	6.01		# of strides	12.11	11.94	0.17
wind	1.1 m/s	velocity	7.34	9.43	8.43	8.32	8.32		8.26	8.38	

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Procházková, Barbora (CZE) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)					*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date 16-Jun-13	time	6.64	12.05	18.39	24.06	24.06	5 / 2			
reaction time 0.215	interval		5.41	6.34	5.67		# of strides	12.05	12.01	0.04
wind -0.3 m/s	velocity	7.53	9.24	7.89	8.82	8.31		8.30	8.33	

Watanabe, Hikaru (JPN) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)					*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date 24-Jun-18	time	6.54	11.98	17.71	24.06	24.06	4 / 5			
reaction time 0.143	interval		5.44	5.73	6.35	PB	# of strides	11.98	12.08	-0.10
wind 1.1 m/s	velocity	7.65	9.19	8.73	7.87	8.31		8.35	8.28	

Kageyama, Sakiho (JPN) (2002)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)					*Kobayashi (2019) - research on athlete performance technique- 2019 databook*				
date 03-May-19	time	6.62	12.15	17.91	24.06	24.06	6 / 1			
reaction time	interval		5.53	5.76	6.15		# of strides	12.15	11.91	0.24
wind -0.3 m/s	velocity	7.55	9.04	8.68	8.13	8.31	111.0	8.23	8.40	

Idoabigeiru, Fuka (JPN) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)					*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*				
date 30-Jun-19	time	6.59	12.06	17.83	24.05	24.06	5 / 4			
reaction time 0.148	interval		5.47	5.77	6.22	PB	# of strides	12.06	11.99	0.07
wind -0.4 m/s	velocity	7.59	9.14	8.67	8.04	8.31	97.5	8.29	8.34	

Weißenberg, Sophie (GER) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)					*Timing by Seiko (2022) - world athletics championships race analysis*				
date 17-Jul-22	time		12.20		24.06	24.06	3 / 7			
reaction time 0.152	interval				11.86		# of strides	12.20	11.86	0.34
wind 1.4 m/s	velocity		8.20		8.43	8.31	93.0	8.20	8.43	

Ichikawa, Kana (JPN) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National Championships (Niigata, JPN)					*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date 27-Jun-15	time	6.79	12.25	17.85	24.07	24.07	7 / 3			
reaction time 0.151	interval		5.46	5.60	6.22		# of strides	12.25	11.82	0.43
wind 0.1 m/s	velocity	7.36	9.16	8.93	8.04	8.31	97.5	8.16	8.46	

Banno, Rio (JPN) (1990)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National Championships (Nagoya, JPN)					*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*				
date 26-Jun-16	time	6.60	12.06	17.79	24.07	24.07	/ 6			
reaction time	interval		5.46	5.73	6.28		# of strides	12.06	12.01	0.05
wind 1.8 m/s	velocity	7.58	9.16	8.73	7.96	8.31		8.29	8.33	

Huang Guifen (CHN) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)						*Shandong Athletics Sport Science (2023)*			
date 27-May-23	time		11.91	17.73	24.07	24.07	4 / 1			
reaction time 0.164	interval			5.82	6.34		# of strides	11.91	12.16	-0.25
wind -1.3 m/s	velocity		8.40	8.59	7.89	8.31		8.40	8.22	

Greggs, Charlette (USA) (1983)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2005 NCAA Championships (Sacramento, CA)						*Track Newsletter (2005) - NCAA women's championships*			
date 11-Jun-05	time		12.2		24.1	24.08	/ 9			
reaction time	interval				11.90		# of strides	12.20	11.90	0.30
wind -0.7 m/s	velocity		8.20		8.40	8.31		8.20	8.40	

Miura, Yuna (JPN) (2002)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)					*Kotani (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*				
date 07-Aug-19	time	6.59	12.08	17.79	24.08	24.08	7 / 5			
reaction time	interval		5.49	5.71	6.29	PB	# of strides	12.08	12.00	0.08
wind 1.3 m/s	velocity	7.59	9.11	8.76	7.95	8.31		8.28	8.33	

Yamada, Miku (JPN) (1999)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2019 Asian Athletics Championships (Doha, QAT)					*Takahaski (2019) - race analysis top 200m athletes- domestic and international*				
date 23-Apr-19	time	6.59	12.00	17.82	24.09	24.09	2 / 5			
reaction time 0.152	interval		5.41	5.82	6.27		# of strides	12.00	12.09	-0.09
wind 1.0 m/s	velocity	7.59	9.24	8.59	7.97	8.30		8.33	8.27	

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Kurahasi, Miho (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)								*Shibayama (2021) - national high school and U20 national championhsips*			
date	31-Jul-21	time	6.61	12.23	17.94	24.09	24.09	2 / 6			
reaction time	0.150	interval		5.62	5.71	6.15		# of strides	12.23	11.86	0.37
wind	2.2 m/s	velocity	7.56	8.90	8.76	8.13	8.30		8.18	8.43	

Mimura, Kanami (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.76	12.26	17.95	24.10	24.10	5 / 2			
reaction time	0.205	interval		5.50	5.69	6.15		# of strides	12.26	11.84	0.42
wind	1.5 m/s	velocity	7.40	9.09	8.79	8.13	8.30		8.16	8.45	

Yuasa, Kanako (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date	03-May-19	time	6.58	12.10	17.89	24.10	24.10	5 / 2			
reaction time		interval		5.52	5.79	6.21		# of strides	12.10	12.00	0.10
wind	-0.3 m/s	velocity	7.60	9.06	8.64	8.05	8.30	105.5	8.26	8.33	

Galpin, Abi (GBR) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.4	12.1	17.9	24.10	24.10	8 / 7			
reaction time	0.164	interval		5.70	5.80	6.20		# of strides	12.10	12.00	0.10
wind	1.9 m/s	velocity	7.81	8.77	8.62	8.06	8.30	106.0	8.26	8.33	

Li Yanjie (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	30-Jun-24	time		12.31	17.98	24.10	24.10	5 / 6			
reaction time	0.163	interval			5.67	6.12		# of strides	12.31	11.79	0.52
wind	0.3 m/s	velocity		8.12	8.82	8.17	8.30	100.2	8.12	8.48	

Melnychenko, Hanna (UKR) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.53	11.96	17.79	24.11	24.11	2 / 4			
reaction time	0.140	interval		5.43	5.83	6.32	PB	# of strides	11.96	12.15	-0.19
wind	0.0 m/s	velocity	7.66	9.21	8.58	7.91	8.30		8.36	8.23	

Slettum, Elisabeth (NOR) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2014 Windsprint (Sundsvall, SWE)								*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time		12.49		24.11	24.11	4 / 1			
reaction time		interval				11.62		# of strides	12.49	11.62	0.87
wind	1.8 m/s	velocity		8.01		8.61	8.30		8.01	8.61	

Fujisawa, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	18-Apr-15	time	6.81	12.37	18.05	24.11	24.11	3 / 4			
reaction time		interval		5.56	5.68	6.06		# of strides	12.37	11.74	0.63
wind	1.7 m/s	velocity	7.34	8.99	8.80	8.25	8.30	102.2	8.08	8.52	

Iki, Ichiko (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National Championships (Osaka, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	25-Jun-17	time	6.75	12.27	17.91	24.11	24.11	9 / 6			
reaction time	0.187	interval		5.52	5.64	6.20		# of strides	12.27	11.84	0.43
wind	-0.2 m/s	velocity	7.41	9.06	8.87	8.06	8.30		8.15	8.45	

Usui, Ayane (JPN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)								*Kota (2018) - 71st high school championships: JAF scientific committee*			
date	05-Aug-18	time	6.49	12.02	17.85	24.11	24.11	2 / 5			
reaction time		interval		5.53	5.83	6.26		# of strides	12.02	12.09	-0.07
wind	0.8 m/s	velocity	7.70	9.04	8.58	7.99	8.30		8.32	8.27	

Matsunaga, Tomoko (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)								*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date	07-Aug-19	time	6.67	12.23	17.94	24.11	24.11	8 / 6			
reaction time		interval		5.56	5.71	6.17		# of strides	12.23	11.88	0.35
wind	1.3 m/s	velocity	7.50	8.99	8.76	8.10	8.30		8.18	8.42	

Hastings, Natasha (USA) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)									*USATF Women's Sprint Development (2003)*		
date	21-Jun-03	time	6.72	12.37	18.02	24.12	24.12	5 / 6			
reaction time		interval		5.65	5.65	6.10	PB	# of strides	12.37	11.75	0.62
wind	-1.5 m/s	velocity	7.44	8.85	8.85	8.20	8.29		8.08	8.51	

Pillay, Geraldine (RSA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Windsprint (Sundsvall, SWE)									*(2008) - www.ssg.se/en/Windsprint/Split-times/*		
date	06-Jul-08	time		12.15	17.89	24.12	24.12	4 / 4			
reaction time		interval			5.74	6.23		# of strides	12.15	11.97	0.18
wind	1.3 m/s	velocity		8.23	8.71	8.03	8.29		8.23	8.35	

Collier, Ashley (USA) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USATF National Junior Championships (Columbus, OH)									*USATF Women's Sprint Development with HPC (2008)*		
date	22-Jun-08	time		12.24	17.95	24.12	24.12	5 / 6			
reaction time		interval			5.71	6.17		# of strides	12.24	11.88	0.36
wind	-2.4 m/s	velocity		8.17	8.76	8.10	8.29		8.17	8.42	

Seidlová, Klára (CZE) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)									*Feher (2013) - Final report men's & women's Czech Republic national champs*		
date	16-Jun-13	time	6.67	12.14	17.89	24.12	24.12	2 / 5			
reaction time	0.144	interval		5.47	5.75	6.23		# of strides	12.14	11.98	0.16
wind	0.3 m/s	velocity	7.50	9.14	8.70	8.03	8.29		8.24	8.35	

He Liujing (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)									*Shandong Athletics Sport Science (2024)*		
date	30-Jun-24	time		12.17	17.88	24.12	24.12	9 / 7			
reaction time	0.205	interval			5.71	6.24		# of strides	12.17	11.95	0.22
wind	0.3 m/s	velocity		8.22	8.76	8.01	8.29	102.2	8.22	8.37	

Chernova, Tatyana (RUS) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)									*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*		
date	15-Aug-09	time	6.73	12.24	17.99	24.13	24.13	1 / 5			
reaction time	0.127	interval		5.51	5.75	6.14		# of strides	12.24	11.89	0.35
wind	0.0 m/s	velocity	7.43	9.07	8.70	8.14	8.29		8.17	8.41	

Grompe, Katharina (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	08-Aug-10	time		12.16	17.88	24.13	24.13	/ 1			
reaction time		interval			5.72	6.25	PB	# of strides	12.16	11.97	0.19
wind	-0.2 m/s	velocity		8.22	8.74	8.00	8.29		8.22	8.35	

Feng Lulu (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)									*Shandong Athletics Sport Science (2024)*		
date	29-Jun-24	time		12.07	17.79	24.13	24.13	4 / 3			
reaction time	0.172	interval			5.72	6.34		# of strides	12.07	12.06	0.01
wind	0.2 m/s	velocity		8.29	8.74	7.89	8.29	105.0	8.29	8.29	

Lysakova, Olga (UKR) (1971)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)									*Jung (2003) - http://www.fgs.uni-halle.de*		
date	22-Jun-97	time	6.66	12.11	17.86	24.14	24.14	/ 7			
reaction time		interval		5.45	5.75	6.28		# of strides	12.11	12.03	0.08
wind	-0.2 m/s	velocity	7.51	9.17	8.70	7.96	8.29		8.26	8.31	

Hao Miao (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)									*Shandong Athletics Sport Science (2023)*		
date	04-Jun-23	time		12.03	17.80	24.14	24.14	6 / 1			
reaction time	0.207	interval			5.77	6.34	PB	# of strides	12.03	12.11	-0.08
wind	-0.1 m/s	velocity		8.31	8.67	7.89	8.29	99.0	8.31	8.26	

Takahashi, Momoko (JPN) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)									*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*		
date	12-Jun-11	time	6.69	12.14	17.97	24.15	24.15	/ 5			
reaction time		interval		5.45	5.83	6.18		# of strides	12.14	12.01	0.13
wind	-0.7 m/s	velocity	7.47	9.17	8.58	8.09	8.28		8.24	8.33	

Breen, Melissa (AUS) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	03-May-16	time	6.53	11.99	17.81	24.15	24.15	/ 2			
reaction time		interval		5.46	5.82	6.34		# of strides	11.99	12.16	-0.17
wind	-1.5 m/s	velocity	7.66	9.16	8.59	7.89	8.28		8.34	8.22	

Brennan, Monica (AUS) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	03-May-16	time	6.66	12.16	17.91	24.15	24.15	/ 3			
reaction time		interval		5.50	5.75	6.24		# of strides	12.16	11.99	0.17
wind	-1.5 m/s	velocity	7.51	9.09	8.70	8.01	8.28		8.22	8.34	

Idoabigeiru, Fuka (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.67	12.21	17.96	24.15	24.15	3 / 1			
reaction time	0.163	interval		5.54	5.75	6.19		# of strides	12.21	11.94	0.27
wind	1.7 m/s	velocity	7.50	9.03	8.70	8.08	8.28	105.3	8.19	8.38	

Aoyama, Seika (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Race 2 - 2020 World Athletics Trials (Fuji, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	06-Sep-20	time	6.73	12.22	18.01	24.16	24.16	7 / 5			
reaction time		interval		5.49	5.79	6.15		# of strides	12.22	11.94	0.28
wind	-0.7 m/s	velocity	7.43	9.11	8.64	8.13	8.28		8.18	8.38	

Hao Miao (CHN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)								*Shandong Athletics Sport Science (2023)*			
date	29-Jun-23	time		12.25	18.04	24.16	24.16	8 / 4			
reaction time	0.205	interval			5.79	6.12		# of strides	12.25	11.91	0.34
wind	0.5 m/s	velocity		8.16	8.64	8.17	8.28	98.0	8.16	8.40	

Washington, Demetria (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 Windsprint (Sundsvall, SWE)								*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		12.19	17.89	24.17	24.17	3 / 3			
reaction time		interval			5.70	6.28		# of strides	12.19	11.98	0.21
wind	0.6 m/s	velocity		8.20	8.77	7.96	8.27		8.20	8.35	

Yanagiya, Tomomi (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date	03-May-19	time	6.72	12.20	17.93	24.17	24.17	8 / 1			
reaction time		interval		5.48	5.73	6.24		# of strides	12.20	11.97	0.23
wind	-0.3 m/s	velocity	7.44	9.12	8.73	8.01	8.27	107.2	8.20	8.35	

Simmons, Alexia (USA) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USATF National Junior Championships (Delaware, OH)								*USATF Women's Sprint Development (1996)*			
date	29-Jun-96	time	6.71	11.98	17.80	24.18	24.18	7 / 4			
reaction time		interval		5.27	5.82	6.38	**PB**	# of strides	11.98	12.20	-0.22
wind	-1.3 m/s	velocity	7.45	9.49	8.59	7.84	8.27		8.35	8.20	

Zhou Yanbing (CHN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)								*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date	03-Aug-19	time	6.56	12.07	17.95	24.18	24.18	6 / 6			
reaction time		interval		5.51	5.88	6.23		# of strides	12.07	12.11	-0.04
wind	0.2 m/s	velocity	7.62	9.07	8.50	8.03	8.27		8.29	8.26	

Ta Lou, Marie Josée (CIV) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)								*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time	6.4	11.6	17.1	24.18	24.18	3 / 8			
reaction time	0.149	interval		5.2	5.5	7.08		# of strides	11.60	12.58	-0.98
wind	0.4 m/s	velocity	7.81	9.62	9.09	7.06	8.27		8.62	7.95	

Furler, Selina (SUI) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Athletissima (Lausanne, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	26-Aug-22	time	6.6	12.1	17.8	24.18	24.18	2 / 5			
reaction time	0.163	interval		5.50	5.70	6.38		# of strides	12.10	12.08	0.02
wind	-0.9 m/s	velocity	7.58	9.09	8.77	7.84	8.27		8.26	8.28	

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

Bender, Hope (USA) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	23-Jun-24	time	6.58	12.16	17.86	24.18	24.18	7 / 3			
reaction time		interval		5.58	5.70	6.32		# of strides	12.16	12.02	0.14
wind	1.1 m/s	velocity	7.60	8.96	8.77	7.91	8.27		8.22	8.32	

Cunningham, Nadia (JAM) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 Windsprint (Sundsvall, SWE)								*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		12.25	17.99	24.19	24.19	4 / 4			
reaction time		interval			5.74	6.20		# of strides	12.25	11.94	0.31
wind	0.6 m/s	velocity		8.16	8.71	8.06	8.27		8.16	8.38	

Hazel, Louise (GBR) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time	6.57	12.01	17.82	24.19	24.19	3 / 1			
reaction time	0.187	interval		5.44	5.81	6.37	**PB**	# of strides	12.01	12.18	-0.17
wind	-0.2 m/s	velocity	7.61	9.19	8.61	7.85	8.27		8.33	8.21	

Saito, Rina (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)							*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date	24-Jun-18	time	6.64	12.17	17.94	24.19	24.19	2 / 6			
reaction time	0.180	interval		5.53	5.77	6.25	**PB**	# of strides	12.17	12.02	0.15
wind	1.1 m/s	velocity	7.53	9.04	8.67	8.00	8.27		8.22	8.32	

Miyake, Naoka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)							*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date	22-Sep-18	time	6.61	12.17	17.97	24.19	24.19	2 / 2			
reaction time	0.181	interval		5.56	5.80	6.22		# of strides	12.17	12.02	0.15
wind	0.2 m/s	velocity	7.56	8.99	8.62	8.04	8.27		8.22	8.32	

Kakizoe, Suzune (JPN) (2007)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)							*Takashima (2024) - national high school sports festival - biomechanics data*				
date	31-Jul-24	time	6.65	12.25	18.04	24.19	24.19	7 / 3			
reaction time	0.187	interval		5.60	5.79	6.15	**PB**	# of strides	12.25	11.94	0.31
wind	1.1 m/s	velocity	7.52	8.93	8.64	8.13	8.27		8.16	8.38	

Kageyama, Sakiho (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)							*Kijima (2019) - research on athlete performance and technique- 2019 data book*				
date	20-Oct-19	time	6.59	12.15	17.95	24.20	24.20	5 / 2			
reaction time	0.170	interval		5.56	5.80	6.25		# of strides	12.15	12.05	0.10
wind	-0.8 m/s	velocity	7.59	8.99	8.62	8.00	8.26	109.0	8.23	8.30	

Feng Lulu (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	13-Jun-21	time		12.00		24.20	24.20	1 / 5			
reaction time	0.188	interval				12.20		# of strides	12.00	12.20	-0.20
wind	0.2 m/s	velocity		8.33		8.20	8.26	108.0	8.33	8.20	

Li He (CHN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 4 - 2021 Chinese National Championships (Chongqing, CHN)								*CAA Hurdle Development (2021)*			
date	27-Jun-21	time	6.19	12.21	17.98	24.20	24.20	3 / 4			
reaction time	0.209	interval		6.02	5.77	6.22		# of strides	12.21	11.99	0.22
wind	0.5 m/s	velocity	8.08	8.31	8.67	8.04	8.26	106.0	8.19	8.34	

Sułek-Schubert, Adrianna (POL) (199			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.60	12.04	17.82	24.20	24.20	5 / 1			
reaction time	0.155	interval		5.44	5.78	6.38		# of strides	12.04	12.16	-0.12
wind	0.2 m/s	velocity	7.58	9.19	8.65	7.84	8.26	101.5	8.31	8.22	

Kozáry, Ágnes (HUN) (1966)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 European Cup (Frankfurt, GER)								*Federle (2003) - http://www.fgs.uni-halle.de*			
date	30-Jun-91	time		12.15		24.21	24.21	/ 7			
reaction time		interval				12.06		# of strides	12.15	12.06	0.09
wind	-3.4 m/s	velocity		8.23		8.29	8.26		8.23	8.29	

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

Tashiro, Narumi (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)							*Matsuo (2009) - 62nd high school championships: JAF scientific committee*				
date	01-Aug-09	time	6.74	12.40	18.18	24.21	24.21	5 / 1			
reaction time		interval		5.66	5.78	6.03		# of strides	12.40	11.81	0.59
wind	0.3 m/s	velocity	7.42	8.83	8.65	8.29	8.26		8.06	8.47	

Čechová, Katerína (CZE) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.45	11.81	17.63	24.21	24.21	4 / 1			
reaction time	0.165	interval		5.36	5.82	6.58		# of strides	11.81	12.40	-0.59
wind	-1.2 m/s	velocity	7.75	9.33	8.59	7.60	8.26		8.47	8.06	

Imai, Saori (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	03-May-17	time	6.78	12.39	18.15	24.21	24.21	4 / 2			
reaction time		interval		5.61	5.76	6.06		# of strides	12.39	11.82	0.57
wind	-0.5 m/s	velocity	7.37	8.91	8.68	8.25	8.26		8.07	8.46	

Saito, Ami (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)							*Kobayashi (2019) - research on athlete performance technique- 2019 databook*				
date	03-May-19	time	6.71	12.20	17.95	24.21	24.21	7 / 3			
reaction time		interval		5.49	5.75	6.26		# of strides	12.20	12.01	0.19
wind	-0.3 m/s	velocity	7.45	9.11	8.70	7.99	8.26	105.7	8.20	8.33	

Yuasa, Kanako (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Race 2 - 2020 World Athletics Trials (Fuji, JPN)							*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*				
date	06-Sep-20	time	6.56	12.07	17.93	24.21	24.21	3 / 6			
reaction time		interval		5.51	5.86	6.28		# of strides	12.07	12.14	-0.07
wind	-0.7 m/s	velocity	7.62	9.07	8.53	7.96	8.26		8.29	8.24	

Komatsu, Konomi (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)							*Shibayama (2021) - national high school and U20 national championhsips*				
date	31-Jul-21	time	6.69	12.36	18.07	24.21	24.21	1 / 7			
reaction time	0.223	interval		5.67	5.71	6.14		# of strides	12.36	11.85	0.51
wind	2.2 m/s	velocity	7.47	8.82	8.76	8.14	8.26		8.09	8.44	

Strachan, Anthonique (BAH) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)							*Omega Timing (2024) - diamond league race analysis*				
date	20-Apr-24	time	6.53	11.93	17.68	24.21	24.21	7 / 9			
reaction time	0.151	interval		5.40	5.75	6.53		# of strides	11.93	12.28	-0.35
wind	-0.4 m/s	velocity	7.66	9.26	8.70	7.66	8.26	90.0	8.38	8.14	

Hawkins, Chari (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	23-Jun-24	time	6.64	12.26	18.00	24.21	24.21	5 / 2			
reaction time		interval		5.62	5.74	6.21		# of strides	12.26	11.95	0.31
wind	1.8 m/s	velocity	7.53	8.90	8.71	8.05	8.26		8.16	8.37	

Pähler, Stefanie (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	08-Aug-10	time		12.48	18.15	24.22	24.22	/ 2			
reaction time		interval			5.67	6.07	**PB**	# of strides	12.48	11.74	0.74
wind	-0.2 m/s	velocity		8.01	8.82	8.24	8.26		8.01	8.52	

Nobayashi, Yumi (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)							*Yasunori (2012) - 65th high school championships: JAF scientific committee*				
date	01-Aug-12	time	6.71	12.47	18.04	24.22	24.22	8 / 1			
reaction time		interval		5.76	5.57	6.18	**PB**	# of strides	12.47	11.75	0.72
wind	0.3 m/s	velocity	7.45	8.68	8.98	8.09	8.26		8.02	8.51	

Nakamura, Mitsugi (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National Championships (Niigata, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date	27-Jun-15	time	6.67	12.17	17.85	24.22	24.22	8 / 4			
reaction time	0.157	interval		5.50	5.68	6.37		# of strides	12.17	12.05	0.12
wind	0.1 m/s	velocity	7.50	9.09	8.80	7.85	8.26	98.0	8.22	8.30	

Usui, Ayane (JPN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)						*Ryutaro (2018) - research on athlete performance and technique*			
date 21-Oct-18 time	6.72	12.34	18.10	24.22	24.22	8 / 3			
reaction time 0.163 interval		5.62	5.76	6.12		# of strides	12.34	11.88	0.46
wind 1.5 m/s velocity	7.44	8.90	8.68	8.17	8.26		8.10	8.42	

Halbheer, Cornelia (SUI) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Athletissima (Lausanne, SUI)						*Omega Timing (2022) - diamond league race analysis*			
date 26-Aug-22 time	6.5	11.9	17.8	24.22	24.22	3 / 6			
reaction time 0.133 interval		5.40	5.90	6.42		# of strides	11.90	12.32	-0.42
wind -0.9 m/s velocity	7.69	9.26	8.47	7.79	8.26		8.40	8.12	

Iki, Aiko (JPN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)						*Ryutaro (2018) - research on athlete performance and technique*			
date 21-Oct-18 time	6.75	12.34	18.06	24.23	24.23	3 / 4			
reaction time 0.194 interval		5.59	5.72	6.17		# of strides	12.34	11.89	0.45
wind 1.5 m/s velocity	7.41	8.94	8.74	8.10	8.25		8.10	8.41	

Ichikawa, Kana (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)						*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date 03-May-19 time	6.70	12.19	17.97	24.23	24.23	5 / 3			
reaction time interval		5.49	5.78	6.26		# of strides	12.19	12.04	0.15
wind -1.2 m/s velocity	7.46	9.11	8.65	7.99	8.25	98.5	8.20	8.31	

Miyatake, Abidarari (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Ready Steady Tokyo (Tokyo, JPN)						*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date 09-May-21 time	6.71	12.26	18.04	24.23	24.23	8 / 3			
reaction time 0.176 interval		5.55	5.78	6.19	PB	# of strides	12.26	11.97	0.29
wind 0.3 m/s velocity	7.45	9.01	8.65	8.08	8.25	96.0	8.16	8.35	

Vidts, Noor (BEL) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 19-Aug-23 time		12.45		24.23	24.23	2 / 1			
reaction time 0.210 interval				11.78		# of strides	12.45	11.78	0.67
wind -0.1 m/s velocity		8.03		8.49	8.25	95.2	8.03	8.49	

Tsuchihashi, Tomoka (JPN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)						*Yasunori (2012) - 65th high school championships: JAF scientific committee*			
date 01-Aug-12 time	6.73	12.43	17.96	24.24	24.24	3 / 2			
reaction time interval		5.70	5.53	6.28		# of strides	12.43	11.81	0.62
wind 0.3 m/s velocity	7.43	8.77	9.04	7.96	8.25		8.05	8.47	

Nakamura, Mizuki (JPN) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2018 Shizuoka International Meeting (Fukuroi, JPN)						*Ryutaro (2018) - research on athlete performance and technique- 2018 data book*			
date 03-May-18 time	6.71	12.24	17.99	24.24	24.24	6 / 3			
reaction time 0.173 interval		5.53	5.75	6.25		# of strides	12.24	12.00	0.24
wind -0.7 m/s velocity	7.45	9.04	8.70	8.00	8.25	100.0	8.17	8.33	

Zhang Xiaoqiong (CHN) (1966)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1989 IAAF World Cup (Barcelona, ESP)						*Pascua (1990) - atletismo (I) carreras y marcha*			
date 08-Sep-89 time		12.22	18.06	24.25	24.25	/ 8			
reaction time interval			5.84	6.19		# of strides	12.22	12.03	0.19
wind 0.2 m/s velocity		8.18	8.56	8.08	8.25		8.18	8.31	

Yanagiya, Tomomi (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)						*Ryutaro (2018) - research on athlete performance and technique*			
date 21-Oct-18 time	6.73	12.17	17.92	24.25	24.25	7 / 5			
reaction time 0.169 interval		5.44	5.75	6.33		# of strides	12.17	12.08	0.09
wind 1.5 m/s velocity	7.43	9.19	8.70	7.90	8.25		8.22	8.28	

Ishikawa, Yu (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)						*Ryutaro (2019) - research on athlete performance and technique- 2019 data book*			
date 20-Oct-19 time	6.65	12.10	17.97	24.25	24.25	6 / 1			
reaction time 0.177 interval		5.45	5.87	6.28		# of strides	12.10	12.15	-0.05
wind -1.3 m/s velocity	7.52	9.17	8.52	7.96	8.25	100.5	8.26	8.23	

Sato, Misato (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese U20 National Championships (Osaka, JPN)							*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*				
date	27-Jun-21	time	6.80	12.45	18.15	24.25	24.25	4 / 1			
reaction time	0.190	interval		5.65	5.70	6.10	PB	# of strides	12.45	11.80	0.65
wind	-0.4 m/s	velocity	7.35	8.85	8.77	8.20	8.25	105.7	8.03	8.47	

Lin Xinyi (CHN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)								*Shandong Athletics Sport Science (2023)*			
date	29-Jun-23	time		12.32	18.11	24.25	24.25	1 / 5			
reaction time	0.220	interval			5.79	6.14		# of strides	12.32	11.93	0.39
wind	0.5 m/s	velocity		8.12	8.64	8.14	8.25	104.0	8.12	8.38	

Chapman, Timara (USA) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	23-Jun-24	time	6.59	12.25	18.02	24.25	24.25	6 / 3			
reaction time		interval		5.66	5.77	6.23		# of strides	12.25	12.00	0.25
wind	1.8 m/s	velocity	7.59	8.83	8.67	8.03	8.25		8.16	8.33	

Maeyama, Miyu (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National Championships (Nagoya, JPN)							*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*				
date	26-Jun-16	time	6.53	12.00	17.80	24.26	24.26	/ 7			
reaction time		interval		5.47	5.80	6.46		# of strides	12.00	12.26	-0.26
wind	1.8 m/s	velocity	7.66	9.14	8.62	7.74	8.24		8.33	8.16	

Haase, Rebekka (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	08-Aug-10	time		12.48	18.16	24.27	24.27	/ 3			
reaction time		interval			5.68	6.11	PB	# of strides	12.48	11.79	0.69
wind	-0.2 m/s	velocity		8.01	8.80	8.18	8.24		8.01	8.48	

Breen, Melissa (AUS) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	03-May-17	time	6.58	12.07	17.93	24.27	24.27	6 / 3			
reaction time		interval		5.49	5.86	6.34		# of strides	12.07	12.20	-0.13
wind	-0.5 m/s	velocity	7.60	9.11	8.53	7.89	8.24		8.29	8.20	

Fujisawa, Sayaka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)							*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date	22-Sep-18	time	6.69	12.14	17.93	24.27	24.27	9 / 3			
reaction time	0.160	interval		5.45	5.79	6.34		# of strides	12.14	12.13	0.01
wind	0.2 m/s	velocity	7.47	9.17	8.64	7.89	8.24		8.24	8.24	

Ambrosini, Coralie (SUI) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Athletissima (Lausanne, SUI)							*Omega Timing (2022) - diamond league race analysis*				
date	26-Aug-22	time	6.5	11.9	17.7	24.27	24.27	8 / 7			
reaction time	0.135	interval		5.40	5.80	6.57		# of strides	11.90	12.37	-0.47
wind	-0.9 m/s	velocity	7.69	9.26	8.62	7.61	8.24		8.40	8.08	

Yuu, Mizuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)							*Takashima (2023) - national high school sports festival - biomechanics data*				
date	05-Aug-23	time	6.70	12.34	18.11	24.27	24.27	4 / 2			
reaction time	0.212	interval		5.64	5.77	6.16		# of strides	12.34	11.93	0.41
wind	0.2 m/s	velocity	7.46	8.87	8.67	8.12	8.24		8.10	8.38	

Chiba, Anju (JPN) (2007)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)							*Takashima (2024) - national high school sports festival - biomechanics data*				
date	31-Jul-24	time	6.59	12.19	17.94	24.27	24.27	5 / 4			
reaction time	0.191	interval		5.60	5.75	6.33		# of strides	12.19	12.08	0.11
wind	1.1 m/s	velocity	7.59	8.93	8.70	7.90	8.24		8.20	8.28	

Eguchi, Kotomi (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National Championships (Niigata, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date	27-Jun-15	time	6.78	12.32	18.05	24.28	24.28	3 / 5			
reaction time	0.182	interval		5.54	5.73	6.23		# of strides	12.32	11.96	0.36
wind	0.1 m/s	velocity	7.37	9.03	8.73	8.03	8.24	106.0	8.12	8.36	

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

Ichikawa, Kana (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	03-May-16	time	6.75	12.26	18.00	24.28	24.28	/ 4			
reaction time		interval		5.51	5.74	6.28		# of strides	12.26	12.02	0.24
wind	-1.5 m/s	velocity	7.41	9.07	8.71	7.96	8.24		8.16	8.32	

Ichikawa, Kana (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	03-May-17	time	6.70	12.16	17.93	24.28	24.28	7 / 4			
reaction time		interval		5.46	5.77	6.35		# of strides	12.16	12.12	0.04
wind	-0.5 m/s	velocity	7.46	9.16	8.67	7.87	8.24		8.22	8.25	

Aoyama, Seika (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese National Championships (Niigata, JPN)								*Hirokawa (2020) - research on athlete performance and technique- 2020 data book*			
date	03-Oct-20	time	6.74	12.29	18.07	24.28	24.28	2 / 6			
reaction time	0.185	interval		5.55	5.78	6.21		# of strides	12.29	11.99	0.30
wind	-0.1 m/s	velocity	7.42	9.01	8.65	8.05	8.24	104.0	8.14	8.34	

Vetter, Anouk (NED) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.30		24.28	24.28	4 / 6			
reaction time	0.159	interval				11.98		# of strides	12.30	11.98	0.32
wind	0.0 m/s	velocity		8.13		8.35	8.24	96.0	8.13	8.35	

He Liujing (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time		12.18	17.93	24.28	24.28	4 / 2			
reaction time	0.262	interval			5.75	6.35		# of strides	12.18	12.10	0.08
wind	0.5 m/s	velocity		8.21	8.70	7.87	8.24	104.0	8.21	8.26	

Bumbescu, Monika (ROU) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1997 European Cup (Munich, GER)								*Jung (2003) - http://www.fgs.uni-halle.de*			
date	22-Jun-97	time	6.70	12.18	17.95	24.29	24.29	/ 8			
reaction time		interval		5.48	5.77	6.34		# of strides	12.18	12.11	0.07
wind	-0.2 m/s	velocity	7.46	9.12	8.67	7.89	8.23		8.21	8.26	

Carter, Khrystal (USA) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2005 USATF National Junior Championships (Carson, CA)								*USATF Women's Sprint Development (2005)*			
date	24-Jun-05	time		12.05	17.89	24.29	24.29	9 / 9			
reaction time		interval			5.84	6.40		# of strides	12.05	12.24	-0.19
wind	0.6 m/s	velocity		8.30	8.56	7.81	8.23		8.30	8.17	

Floyd, Kalyn (USA) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 USATF National Junior Championships (Columbus, OH)								*USATF Women's Sprint Development with HPC (2008)*			
date	22-Jun-08	time		12.19	17.93	24.29	24.29	3 / 7			
reaction time		interval			5.74	6.36		# of strides	12.19	12.10	0.09
wind	-2.4 m/s	velocity		8.20	8.71	7.86	8.23		8.20	8.26	

Takita, Shizumi (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Ryuma (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.61	12.14	18.01	24.29	24.29	3 / 2			
reaction time	0.161	interval		5.53	5.87	6.28		# of strides	12.14	12.15	-0.01
wind	-1.3 m/s	velocity	7.56	9.04	8.52	7.96	8.23	101.0	8.24	8.23	

Miyatake, Abidarari (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.90	12.49	18.32	24.29	24.29	8 / 2			
reaction time	0.164	interval		5.59	5.83	5.97		# of strides	12.49	11.80	0.69
wind	1.7 m/s	velocity	7.25	8.94	8.58	8.38	8.23	101.0	8.01	8.47	

Williams, Jodean (JAM) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Short Sprints - 2025 Grand Slam Track Kingston (Kingston, JAM)								*Grand Slam Track (2025) - results and splits by race*			
date	06-Apr-25	time	6.43	11.74	17.69	24.29	24.29	4 / 7			
reaction time	0.190	interval		5.31	5.95	6.60		# of strides	11.74	12.55	-0.81
wind	-4.7 m/s	velocity	7.78	9.42	8.40	7.58	8.23	97.0	8.52	7.97	

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

Popkova, Vera (URS) (1943)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1963 International Sportweek (Tokyo, JPN)								*(1964) - einschatzung der einzelnen leichtathletischen disziplinen*			
date	13-Oct-63	time		12.0		24.3	24.30	/ 2			
reaction time		interval				12.3		# of strides	12.00	12.30	-0.30
wind	???	velocity		8.33		8.13	8.23		8.33	8.13	

Solcan, Elena (ROU) (1970)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1991 European Cup (Frankfurt, GER)								*Federle (2003) - http://www.fgs.uni-halle.de*			
date	30-Jun-91	time		12.20		24.30	24.30	/ 8			
reaction time		interval				12.10		# of strides	12.20	12.10	0.10
wind	-3.4 m/s	velocity		8.20		8.26	8.23		8.20	8.26	

Oeser, Jennifer (GER) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.78	12.19	18.00	24.30	24.30	8 / 2			
reaction time	0.194	interval		5.41	5.81	6.30	**PB**	# of strides	12.19	12.11	0.08
wind	-0.2 m/s	velocity	7.37	9.24	8.61	7.94	8.23		8.20	8.26	

Nagano, Mariko (JPN) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2016 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Takahashi (2016) - performance analysis of the top 200m sprinters in japan & abroad*			
date	03-May-16	time	6.60	12.20	18.01	24.30	24.30	/ 1			
reaction time		interval		5.60	5.81	6.29		# of strides	12.20	12.10	0.10
wind	0.1 m/s	velocity	7.58	8.93	8.61	7.95	8.23		8.20	8.26	

Miura, Yuna (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)								*Kota (2018) - 71st high school championships: JAF scientific committee*			
date	05-Aug-18	time	6.72	12.35	18.07	24.30	24.30	9 / 6			
reaction time		interval		5.63	5.72	6.23		# of strides	12.35	11.95	0.40
wind	0.8 m/s	velocity	7.44	8.88	8.74	8.03	8.23		8.10	8.37	

Miyake, Naoka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date	03-May-19	time	6.67	12.25	18.08	24.30	24.30	2 / 4			
reaction time		interval		5.58	5.83	6.22		# of strides	12.25	12.05	0.20
wind	-1.2 m/s	velocity	7.50	8.96	8.58	8.04	8.23	102.7	8.16	8.30	

Miyake, Naoka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)								*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date	19-May-19	time	6.67	12.20	18.02	24.31	24.31	2 / 7			
reaction time	0.173	interval		5.53	5.82	6.29		# of strides	12.20	12.11	0.09
wind	0.5 m/s	velocity	7.50	9.04	8.59	7.95	8.23	100.7	8.20	8.26	

Suzuki, Kazuha (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)								*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date	07-Aug-19	time	6.66	12.17	17.95	24.31	24.31	2 / 7			
reaction time		interval		5.51	5.78	6.36		# of strides	12.17	12.14	0.03
wind	1.3 m/s	velocity	7.51	9.07	8.65	7.86	8.23		8.22	8.24	

Sakamoto, Minami (JPN) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)								*Shibayama (2021) - national high school and U20 national championhsips*			
date	31-Jul-21	time	6.63	12.38	18.13	24.31	24.31	7 / 8			
reaction time	0.152	interval		5.75	5.75	6.18		# of strides	12.38	11.93	0.45
wind	2.2 m/s	velocity	7.54	8.70	8.70	8.09	8.23		8.08	8.38	

Chen Yiting (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)								*Shandong Athletics Sport Science (2024)*			
date	30-Jun-24	time		12.08	17.90	24.31	24.31	3 / 8			
reaction time	0.151	interval			5.82	6.41		# of strides	12.08	12.23	-0.15
wind	0.3 m/s	velocity		8.28	8.59	7.80	8.23	102.0	8.28	8.18	

Kageyama, Sakiho (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.64	12.18	18.02	24.32	24.32	6 / 1			
reaction time	0.198	interval		5.54	5.84	6.30		# of strides	12.18	12.14	0.04
wind	1.5 m/s	velocity	7.53	9.03	8.56	7.94	8.22		8.21	8.24	

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

Oshiro, Akari (JPN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)					*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*				
date 07-Aug-19	time	6.67	12.20	17.93	24.32	24.32	1 / 8			
reaction time	interval		5.53	5.73	6.39		# of strides	12.20	12.12	0.08
wind 1.3 m/s	velocity	7.50	9.04	8.73	7.82	8.22		8.20	8.25	

Angounou, Linda (CMR) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)						*Longines Timing (2022) - commonwealth games race analysis*			
date 05-Aug-22	time	6.6	12.3	18.1	24.32	24.32	3 / 7			
reaction time 0.163	interval		5.70	5.80	6.22		# of strides	12.30	12.02	0.28
wind 1.5 m/s	velocity	7.58	8.77	8.62	8.04	8.22		8.13	8.32	

Kojima, Yuzuki (JPN) (2004)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)					*Kijima (2022) - national high school championships biomechanics data collection*				
date 06-Aug-22	time	6.68	12.30	18.08	24.32	24.32	6 / 1			
reaction time 0.154	interval		5.62	5.78	6.24	PB	# of strides	12.30	12.02	0.28
wind -1.2 m/s	velocity	7.49	8.90	8.65	8.01	8.22		8.13	8.32	

Chudzik, Kamila (POL) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)					*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 15-Aug-09	time	6.80	12.28	18.03	24.33	24.33	7 / 3			
reaction time 0.187	interval		5.48	5.75	6.30	PB	# of strides	12.28	12.05	0.23
wind -0.2 m/s	velocity	7.35	9.12	8.70	7.94	8.22		8.14	8.30	

Williams, Christania (JAM) (1994)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2015 Windsprint (Sundsvall, SWE)						*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time		12.25		24.33	24.33	2 / 4			
reaction time	interval				12.08		# of strides	12.25	12.08	0.17
wind 0.8 m/s	velocity		8.16		8.28	8.22		8.16	8.28	

Yamakoshi, Riko (JPN) (2004)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese U20 National Championsips (Osaka, JPN)					*Takahashi (2024) - 200m running performace at the 2023 Japanese NC and the WC*				
date 02-Aug-23	time	6.70	12.10	17.89	24.33	24.33	4 / 3			
reaction time 0.255	interval		5.40	5.79	6.44		# of strides	12.10	12.23	-0.13
wind -0.5 m/s	velocity	7.46	9.26	8.64	7.76	8.22	102.0	8.26	8.18	

O'Brien, Jadin (USA) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)					*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date 23-Jun-24	time	6.53	12.35	18.13	24.33	24.33	9 / 4			
reaction time	interval		5.82	5.78	6.20		# of strides	12.35	11.98	0.37
wind 1.8 m/s	velocity	7.66	8.59	8.65	8.06	8.22		8.10	8.35	

Kokubo, Haruna (JPN) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)					*Abe (2011) - 64th high school championships: JAF scientific committee*				
date 06-Aug-11	time	6.84	13.30	17.98	24.34	24.34	/ 1			
reaction time	interval		6.46	4.68	6.36		# of strides	13.30	11.04	2.26
wind 0.0 m/s	velocity	7.31	7.74	10.68	7.86	8.22		7.52	9.06	

Horn, Carina (RSA) (1989)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Windsprint (Sundsvall, SWE)						*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		12.12		24.34	24.34	/ 5			
reaction time	interval				12.22		# of strides	12.12	12.22	-0.10
wind 2.2 m/s	velocity		8.25		4.11	8.22		8.25	8.18	

Niwa, Arisa (JPN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)					*Yasunori (2012) - 65th high school championships: JAF scientific committee*				
date 01-Aug-12	time	6.81	12.52	18.09	24.34	24.34	4 / 3			
reaction time	interval		5.71	5.57	6.25		# of strides	12.52	11.82	0.70
wind 0.3 m/s	velocity	7.34	8.76	8.98	8.00	8.22		7.99	8.46	

Okumura, Yuri (JPN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)					*Kota (2017) - 70th high school championships: JAF scientific committee*				
date 01-Aug-17	time	6.63	12.29	18.04	24.34	24.34	5 / 2			
reaction time 0.152	interval		5.66	5.75	6.30		# of strides	12.29	12.05	0.24
wind -0.2 m/s	velocity	7.54	8.83	8.70	7.94	8.22		8.14	8.30	

Feng Lulu (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)											*CAA Hurdle Development (2021)*
date	12-Jun-21	time		11.95		24.34	24.34	4 / 4			
reaction time	0.158	interval				12.39		# of strides	11.95	12.39	-0.44
wind	-0.4 m/s	velocity		8.37		8.07	8.22	108.2	8.37	8.07	

Imai, Saori (JPN) (1990)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)											*Abe (2008) - 61st high school championships: JAF scientific committee*
date	01-Aug-08	time	6.61	12.17	18.10	24.35	24.35	/ 1			
reaction time		interval		5.56	5.93	6.25		# of strides	12.17	12.18	-0.01
wind	-2.4 m/s	velocity	7.56	8.99	8.43	8.00	8.21		8.22	8.21	

Takashima, Saki (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese National Championships (Niigata, JPN)											*Hirokawa (2020) - research on athlete performance and technique- 2020 data book*
date	03-Oct-20	time	6.80	12.37	18.15	24.35	24.35	3 / 8			
reaction time	0.193	interval		5.57	5.78	6.20		# of strides	12.37	11.98	0.39
wind	-0.1 m/s	velocity	7.35	8.98	8.65	8.06	8.21	104.0	8.08	8.35	

Phillips, Kenisha (GUY) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)											*Longines Timing (2022) - commonwealth games race analysis*
date	05-Aug-22	time	6.6	12.2	18.1	24.35	24.35	3 / 8			
reaction time	0.198	interval		5.60	5.90	6.25		# of strides	12.20	12.15	0.05
wind	0.0 m/s	velocity	7.58	8.93	8.47	8.00	8.21	100.0	8.20	8.23	

Sugimoto, Miu (JPN) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)											*Takashima (2024) - national high school sports festival - biomechanics data*
date	31-Jul-24	time	6.71	12.50	18.30	24.35	24.35	2 / 5			
reaction time	0.182	interval		5.79	5.80	6.05		# of strides	12.50	11.85	0.65
wind	1.1 m/s	velocity	7.45	8.64	8.62	8.26	8.21		8.00	8.44	

Oosterwegel, Emma (NED) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*
date	08-Aug-24	time	6.75	12.26	17.98	24.35	24.35	6 / 5			
reaction time	0.206	interval		5.51	5.72	6.37		# of strides	12.26	12.09	0.17
wind	0.4 m/s	velocity	7.41	9.07	8.74	7.85	8.21	99.0	8.16	8.27	

Glenn, Gabrielle (USA) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 USATF National Junior Championships (Columbus, OH)											*USATF Women's Sprint Development with HPC (2008)*
date	22-Jun-08	time		12.32	18.20	24.36	24.36	1 / 8			
reaction time		interval			5.88	6.16		# of strides	12.32	12.04	0.28
wind	-2.4 m/s	velocity		8.12	8.50	8.12	8.21		8.12	8.31	

Riedl, Julia (GER) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2010 German National Junior Championships (Ulm, GER)											*Graubner (2010) - http://www.fgs.uni-halle.de*
date	07-Aug-10	time		12.28	18.02	24.36	24.36	/ 1			
reaction time		interval			5.74	6.34		# of strides	12.28	12.08	0.20
wind	1.0 m/s	velocity		8.14	8.71	7.89	8.21		8.14	8.28	

Riedl, Martina (GER) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)											*Graubner (2010) - http://www.fgs.uni-halle.de*
date	07-Aug-10	time		12.41	18.21	24.36	24.36	/ 2			
reaction time		interval			5.80	6.15		# of strides	12.41	11.95	0.46
wind	-0.1 m/s	velocity		8.06	8.62	8.13	8.21		8.06	8.37	

Jensen, Christine (DEN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2014 Windsprint (Sundsvall, SWE)											*Johansen (2014) - www.ssg.se/windsprint/Splittider/*
date	20-Jul-14	time		12.38		24.36	24.36	6 / 4			
reaction time		interval				11.98		# of strides	12.38	11.98	0.40
wind	2.7 m/s	velocity		8.08		8.35	8.21		8.08	8.35	

Miyake, Naoka (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2019 Asian Athletics Championships (Doha, QAT)											*Takahaski (2019) - race analysis top 200m athletes- domestic and international*
date	23-Apr-19	time	6.68	12.14	17.98	24.36	24.36	9 / 6			
reaction time	0.170	interval		5.46	5.84	6.38		# of strides	12.14	12.22	-0.08
wind	2.3 m/s	velocity	7.49	9.16	8.56	7.84	8.21		8.24	8.18	

Cai Yanting (CHN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)						*Jiang (2019) - data analysis women's sprint finals the world championships trials*			
date 03-Aug-19	time	6.78	12.14	17.97	24.36	24.36	1 / 7			
reaction time	interval		5.36	5.83	6.39		# of strides	12.14	12.22	-0.08
wind 0.2 m/s	velocity	7.37	9.33	8.58	7.82	8.21		8.24	8.18	

Niisaka, Takako (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)						*Kojima (2019) - research on athlete performance and technique- 2019 data book*			
date 20-Oct-19	time	6.64	12.14	17.98	24.36	24.36	4 / 3			
reaction time 0.156	interval		5.50	5.84	6.38		# of strides	12.14	12.22	-0.08
wind -1.3 m/s	velocity	7.53	9.09	8.56	7.84	8.21	105.5	8.24	8.18	

Harutake, Anki (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 25-Oct-20	time	6.91	12.60	18.34	24.36	24.36	8 / 4			
reaction time 0.186	interval		5.69	5.74	6.02		# of strides	12.60	11.76	0.84
wind 4.3 m/s	velocity	7.24	8.79	8.71	8.31	8.21	104.5	7.94	8.50	

Hao Miao (CHN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)						*Shandong Athletics Sport Science (2023)*			
date 27-May-23	time		12.04	17.92	24.36	24.36	6 / 2			
reaction time 0.182	interval			5.88	6.44		# of strides	12.04	12.32	-0.28
wind -2.0 m/s	velocity		8.31	8.50	7.76	8.21	99.0	8.31	8.12	

Vetter, Anouk (NED) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)						*Paris 2024 Olympic Games - Results Book (2024)*			
date 08-Aug-24	time	6.62	12.11	17.96	24.36	24.36	3 / 6			
reaction time 0.152	interval		5.49	5.85	6.40		# of strides	12.11	12.25	-0.14
wind -0.5 m/s	velocity	7.55	9.11	8.55	7.81	8.21	95.2	8.26	8.16	

Banno, Rio (JPN) (1990)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)						*Yasunori (2012) - 65th high school championships: JAF scientific committee*			
date 01-Aug-12	time	6.83	12.56	18.14	24.37	24.37	6 / 4			
reaction time	interval		5.73	5.58	6.23		# of strides	12.56	11.81	0.75
wind 0.3 m/s	velocity	7.32	8.73	8.96	8.03	8.21		7.96	8.47	

Yamada, Miki (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)						*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date 03-May-19	time	6.68	12.17	17.99	24.37	24.37	3 / 5			
reaction time	interval		5.49	5.82	6.38		# of strides	12.17	12.20	-0.03
wind -1.2 m/s	velocity	7.49	9.11	8.59	7.84	8.21	104.0	8.22	8.20	

Toyama, Yuri (JPN) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 25-Oct-20	time	6.74	12.43	18.22	24.37	24.37	1 / 5			
reaction time 0.180	interval		5.69	5.79	6.15		# of strides	12.43	11.94	0.49
wind 4.3 m/s	velocity	7.42	8.79	8.64	8.13	8.21	108.9	8.05	8.38	

Shibafuji, Nao (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National High School Chamionsips (Sapporo, JPN)						*Takashima (2023) - national high school sports festival - biomechanics data*			
date 05-Aug-23	time	6.55	12.29	18.17	24.37	24.37	7 / 3			
reaction time 0.220	interval		5.74	5.88	6.20		# of strides	12.29	12.08	0.21
wind 0.2 m/s	velocity	7.63	8.71	8.50	8.06	8.21		8.14	8.28	

Taubert, Lauren (USA) (1998)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 23-Jun-24	time	6.58	12.16	18.00	24.37	24.37	4 / 5			
reaction time	interval		5.58	5.84	6.37		# of strides	12.16	12.21	-0.05
wind 1.8 m/s	velocity	7.60	8.96	8.56	7.85	8.21		8.22	8.19	

Chen Yiting (CHN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)						*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24	time		12.21	18.02	24.37	24.37	8 / 4			
reaction time 0.146	interval			5.81	6.35		# of strides	12.21	12.16	0.05
wind 0.2 m/s	velocity		8.19	8.61	7.87	8.21	100.0	8.19	8.22	

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

Rao, Vandana (IND) (1963)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1985 World Cup (Canberra, AUS)											*Veney - 200m women from PJ*
date	04-Oct-85	time		12.5		24.38	24.38	3 / 8			
reaction time		interval				11.88		# of strides	12.50	11.88	0.62
wind	-0.7 m/s	velocity		8.00		8.42	8.20		8.00	8.42	

Aoyama, Seika (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)							*Yasunori (2012) - 65th high school championships: JAF scientific committee*				
date	01-Aug-12	time	6.80	12.60	18.17	24.38	24.38	7 / 5			
reaction time		interval		5.80	5.57	6.21		# of strides	12.60	11.78	0.82
wind	0.3 m/s	velocity	7.35	8.62	8.98	8.05	8.20		7.94	8.49	

Schmidová, Martina (CZE) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.77	12.21	18.02	24.38	24.38	5 / 2			
reaction time	0.305	interval		5.44	5.81	6.36		# of strides	12.21	12.17	0.04
wind	-1.2 m/s	velocity	7.39	9.19	8.61	7.86	8.20		8.19	8.22	

Nakano, Makoto (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National Championships (Niigata, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date	27-Jun-15	time	6.65	12.20	17.98	24.38	24.38	2 / 6			
reaction time	0.164	interval		5.55	5.78	6.40		# of strides	12.20	12.18	0.02
wind	0.1 m/s	velocity	7.52	9.01	8.65	7.81	8.20	112.0	8.20	8.21	

Shimada, Yukina (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National Championships (Osaka, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	25-Jun-17	time	6.55	12.11	18.05	24.38	24.38	3 / 7			
reaction time	0.159	interval		5.56	5.94	6.33		# of strides	12.11	12.27	-0.16
wind	-0.2 m/s	velocity	7.63	8.99	8.42	7.90	8.20		8.26	8.15	

Nagano, Mariko (JPN) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)							*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date	22-Sep-18	time	6.56	12.07	17.94	24.38	24.38	6 / 4			
reaction time	0.166	interval		5.51	5.87	6.44		# of strides	12.07	12.31	-0.24
wind	0.2 m/s	velocity	7.62	9.07	8.52	7.76	8.20		8.29	8.12	

Nagura, Chiaki (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)							*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*				
date	22-Sep-18	time	6.64	12.17	18.04	24.38	24.38	8 / 5			
reaction time	0.146	interval		5.53	5.87	6.34		# of strides	12.17	12.21	-0.04
wind	0.2 m/s	velocity	7.53	9.04	8.52	7.89	8.20		8.22	8.19	

Caligiuri, Iris (SUI) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Athletissima (Lausanne, SUI)											*Omega Timing (2023) - diamond league race analysis*
date	30-Jun-23	time	6.59	12.06	17.92	24.38	24.38	1 / 8			
reaction time	0.143	interval		5.47	5.86	6.46		# of strides	12.06	12.32	-0.26
wind	-0.4 m/s	velocity	7.59	9.14	8.53	7.74	8.20		8.29	8.12	

Hawkins, Chari (USA) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2023 World Athletics Championships (Budapest, HUN)											*Seiko Timing (2023) - world championship race analysis*
date	19-Aug-23	time		12.28		24.38	24.38	3 / 7			
reaction time	0.167	interval				12.10		# of strides	12.28	12.10	0.18
wind	0.0 m/s	velocity		8.14		8.26	8.20	97.0	8.14	8.26	

Ström, Malin (SWE) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2007 Windsprint (Sundsvall, SWE)											*(2007) - www.ssg.se/en/Windsprint/Split-times/*
date	24-Jul-07	time		12.33	18.15	24.39	24.39	4 / 1			
reaction time		interval			5.82	6.24		# of strides	12.33	12.06	0.27
wind	2.0 m/s	velocity		8.11	8.59	8.01	8.20		8.11	8.29	

Mächtig, Julia (GER) (1973)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time	6.78	12.31	18.13	24.39	24.39	2 / 4			
reaction time	0.181	interval		5.53	5.82	6.26		# of strides	12.31	12.08	0.23
wind	-0.2 m/s	velocity	7.37	9.04	8.59	7.99	8.20		8.12	8.28	

Nobuoka, Sakie (JPN) (1977)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)								*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date	12-Jun-11	time	6.66	12.21	18.08	24.39	24.39	/ 6			
reaction time		interval		5.55	5.87	6.31		# of strides	12.21	12.18	0.03
wind	-0.7 m/s	velocity	7.51	9.01	8.52	7.92	8.20		8.19	8.21	

Saito, Ami (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National Championships (Osaka, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	25-Jun-17	time	6.69	12.23	18.05	24.39	24.39	8 / 8			
reaction time	0.188	interval		5.54	5.82	6.34		# of strides	12.23	12.16	0.07
wind	-0.2 m/s	velocity	7.47	9.03	8.59	7.89	8.20		8.18	8.22	

Hirosawa, Mae (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)								*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date	03-May-19	time	6.70	12.34	18.21	24.39	24.39	9 / 6			
reaction time		interval		5.64	5.87	6.18		# of strides	12.34	12.05	0.29
wind	-1.2 m/s	velocity	7.46	8.87	8.52	8.09	8.20	99.5	8.10	8.30	

Yamada, Miki (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)								*Hirokawa (2019) - research on athlete performance and technique- 2019 data book*			
date	19-May-19	time	6.72	12.19	18.10	24.39	24.39	3 / 8			
reaction time	0.179	interval		5.47	5.91	6.29		# of strides	12.19	12.20	-0.01
wind	0.5 m/s	velocity	7.44	9.14	8.46	7.95	8.20	105.7	8.20	8.20	

Caligiuri, Iris (SUI) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Athletissima (Lausanne, SUI)								*Omega Timing (2022) - diamond league race analysis*			
date	26-Aug-22	time	6.6	12.1	18.0	24.39	24.39	1 / 8			
reaction time	0.127	interval		5.50	5.90	6.39	**=PB**	# of strides	12.10	12.29	-0.19
wind	-0.9 m/s	velocity	7.58	9.09	8.47	7.82	8.20		8.26	8.14	

Thiam, Nafissatou (BEL) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.35		24.39	24.39	2 / 2			
reaction time	0.138	interval				12.04		# of strides	12.35	12.04	0.31
wind	1.5 m/s	velocity		8.10		8.31	8.20	91.0	8.10	8.31	

Banno, Rio (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)								*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date	18-Apr-15	time	6.80	12.44	18.29	24.40	24.40	8 / 5			
reaction time		interval		5.64	5.85	6.11		# of strides	12.44	11.96	0.48
wind	1.7 m/s	velocity	7.35	8.87	8.55	8.18	8.20	98.0	8.04	8.36	

Kurashige, Miu (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.75	12.42	18.21	24.40	24.40	6 / 6			
reaction time	0.165	interval		5.67	5.79	6.19		# of strides	12.42	11.98	0.44
wind	4.3 m/s	velocity	7.41	8.82	8.64	8.08	8.20	104.0	8.05	8.35	

Kageyama, Sakiho (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.70	12.31	18.07	24.40	24.40	5 / 3			
reaction time	0.151	interval		5.61	5.76	6.33		# of strides	12.31	12.09	0.22
wind	1.7 m/s	velocity	7.46	8.91	8.68	7.90	8.20	114.7	8.12	8.27	

Roelofs, Anna (NED) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2024 FBK Games (Hengelo, NED)								*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	6.80	12.27	18.12	24.40	24.40	7 / 1			
reaction time	0.147	interval		5.47	5.85	6.28		# of strides	12.27	12.13	0.14
wind	-0.3 m/s	velocity	7.35	9.14	8.55	7.96	8.20		8.15	8.24	

Frey, Carina (GER) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	08-Aug-10	time		12.33	18.09	24.41	24.41	/ 4			
reaction time		interval			5.76	6.32	**PB**	# of strides	12.33	12.08	0.25
wind	-0.2 m/s	velocity		8.11	8.68	7.91	8.19		8.11	8.28	

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

Banno, Rio (JPN) (1990)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National Championships (Niigata, JPN)						*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*			
date 27-Jun-15	time	6.75	12.35	18.15	24.41	24.41	9 / 7			
reaction time 0.156	interval		5.60	5.80	6.26		# of strides	12.35	12.06	0.29
wind 0.1 m/s	velocity	7.41	8.93	8.62	7.99	8.19	98.7	8.10	8.29	

Shibata, Mie (JPN) (1998)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)						*Kota (2016) - 69th high school championships: JAF scientific committee*			
date 01-Aug-16	time	6.61	12.30	18.19	24.41	24.41	7 / 3			
reaction time 0.183	interval		5.69	5.89	6.22		# of strides	12.30	12.11	0.19
wind 1.2 m/s	velocity	7.56	8.79	8.49	8.04	8.19		8.13	8.26	

Olear, Elizabeth (USA) (1988)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)						*USATF Women's Sprint Development (2003)*			
date 21-Jun-03	time			18.09	24.42	24.42	2 / 7			
reaction time	interval				6.33		# of strides			
wind -1.5 m/s	velocity			8.29	7.90	8.19				

Aoyama, Seika (JPN) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2019 Shizuoka International Athletics Meeting (Fukuroi, JPN)						*Kobayashi (2019) - research on athlete performance technique- 2019 databook*			
date 03-May-19	time	6.85	12.44	18.21	24.42	24.42	3 / 5			
reaction time	interval		5.59	5.77	6.21		# of strides	12.44	11.98	0.46
wind -0.3 m/s	velocity	7.30	8.94	8.67	8.05	8.19	105.2	8.04	8.35	

Kobari, Akiha (JPN) (2006)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)						*Kishima (2022) - national high school championships biomechanics data collection*			
date 06-Aug-22	time	6.67	12.35	18.10	24.42	24.42	9 / 2			
reaction time 0.160	interval		5.68	5.75	6.32	PB	# of strides	12.35	12.07	0.28
wind -1.2 m/s	velocity	7.50	8.80	8.70	7.91	8.19		8.10	8.29	

Sugimoto, Shinyui (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)						*Takashima (2023) - national high school sports festival - biomechanics data*			
date 05-Aug-23	time	6.83	12.67	18.44	24.42	24.42	8 / 4			
reaction time 0.210	interval		5.84	5.77	5.98		# of strides	12.67	11.75	0.92
wind 0.2 m/s	velocity	7.32	8.56	8.67	8.36	8.19		7.89	8.51	

He Liujing (CHN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)						*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24	time		12.14	17.98	24.42	24.42	3 / 6			
reaction time 0.189	interval			5.84	6.44		# of strides	12.14	12.28	-0.14
wind 0.9 m/s	velocity		8.24	8.56	7.76	8.19	105.5	8.24	8.14	

Cederkvist, Astrid (NOR) (1994)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2012 Windsprint (Sundsvall, SWE)						*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		12.34		24.43	24.43	/ 1			
reaction time	interval				12.09		# of strides	12.34	12.09	0.25
wind 1.9 m/s	velocity		8.10		4.09	8.19		8.10	8.27	

Yamada, Miki (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)						*Kota (2017) - 70th high school championships: JAF scientific committee*			
date 01-Aug-17	time	6.69	12.25	18.02	24.43	24.43	6 / 3			
reaction time 0.184	interval		5.56	5.77	6.41		# of strides	12.25	12.18	0.07
wind -0.2 m/s	velocity	7.47	8.99	8.67	7.80	8.19		8.16	8.21	

Wada, Maki (JPN) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)						*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date 30-Jun-19	time	6.49	12.03	17.94	24.43	24.43	2 / 5			
reaction time 0.155	interval		5.54	5.91	6.49		# of strides	12.03	12.40	-0.37
wind -0.4 m/s	velocity	7.70	9.03	8.46	7.70	8.19	105.0	8.31	8.06	

Takeishi, Konomi (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 20-Sep-20	time	6.78	12.35	18.23	24.43	24.43	9 / 3			
reaction time 0.146	interval		5.57	5.88	6.20		# of strides	12.35	12.08	0.27
wind 0.6 m/s	velocity	7.37	8.98	8.50	8.06	8.19		8.10	8.28	

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Kurashige, Miu (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese U20 National Championships (Osaka, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	27-Jun-21	time	6.61	12.16	18.04	24.43	24.43	6 / 2			
reaction time	0.170	interval		5.55	5.88	6.39	PB	# of strides	12.16	12.27	-0.11
wind	-0.4 m/s	velocity	7.56	9.01	8.50	7.82	8.19	103.2	8.22	8.15	

Atcho, Sarah (SUI) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)								*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time	6.8	12.3	18.1	24.43	24.43	1 / 8			
reaction time	0.145	interval		5.50	5.80	6.33		# of strides	12.30	12.13	0.17
wind	0.2 m/s	velocity	7.35	9.09	8.62	7.90	8.19	94.7	8.13	8.24	

Oosterwegel, Emma (NED) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.58		24.43	24.43	3 / 3			
reaction time	0.198	interval				11.85		# of strides	12.58	11.85	0.73
wind	1.5 m/s	velocity		7.95		8.44	8.19	96.5	7.95	8.44	

Wisil, Toea (PNG) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)								*Longines Timing (2022) - commonwealth games race analysis*			
date	05-Aug-22	time	6.5	12.0	17.8	24.43	24.43	9 / 8			
reaction time	0.173	interval		5.50	5.80	6.63		# of strides	12.00	12.43	-0.43
wind	1.5 m/s	velocity	7.69	9.09	8.62	7.54	8.19		8.33	8.05	

Samotyosova, Lyudmila (URS) (1939)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 1969 European Championships (Athens, GRE)								*(1964) - einschatzung der einzelnen leichtathletischen disziplinen*			
date	18-Sep-69	time		11.90		24.3	24.2	/ 2			
reaction time		interval				12.40		# of strides	11.90	12.40	-0.50
wind	-2.0 m/s	velocity		8.40		8.06	8.26		8.40	8.06	

Lacambra, Blanca (ESP) (1965)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)								*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		12.26	18.20	24.44	24.44	/ 9			
reaction time		interval			5.94	6.24		# of strides	12.26	12.18	0.08
wind	0.2 m/s	velocity		8.16	8.42	8.01	8.18		8.16	8.21	

Kodama, Mei (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)								*Kota (2017) - 70th high school championships: JAF scientific committee*			
date	01-Aug-17	time	6.65	12.32	18.12	24.44	24.44	3 / 4			
reaction time	0.194	interval		5.67	5.80	6.32		# of strides	12.32	12.12	0.20
wind	-0.2 m/s	velocity	7.52	8.82	8.62	7.91	8.18		8.12	8.25	

Kashiyama, Kaede (JPN) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	22-Sep-18	time	6.69	12.26	18.10	24.44	24.44	3 / 6			
reaction time	0.153	interval		5.57	5.84	6.34		# of strides	12.26	12.18	0.08
wind	0.2 m/s	velocity	7.47	8.98	8.56	7.89	8.18		8.16	8.21	

Uchiyama, Kyoka (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Ryuma (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.72	12.27	18.19	24.44	24.44	7 / 4			
reaction time	0.175	interval		5.55	5.92	6.25		# of strides	12.27	12.17	0.10
wind	-1.3 m/s	velocity	7.44	9.01	8.45	8.00	8.18	105.0	8.15	8.22	

Kuboyama, Haruna (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	20-Sep-20	time	6.69	12.27	18.13	24.44	24.44	8 / 4			
reaction time	0.179	interval		5.58	5.86	6.31		# of strides	12.27	12.17	0.10
wind	0.6 m/s	velocity	7.47	8.96	8.53	7.92	8.18		8.15	8.22	

Igarashi, Yuka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)								*Matsuo (2009) - 62nd high school championships: JAF scientific committee*			
date	01-Aug-09	time	6.68	12.25	18.13	24.45	24.45	4 / 2			
reaction time		interval		5.57	5.88	6.32		# of strides	12.25	12.20	0.05
wind	0.3 m/s	velocity	7.49	8.98	8.50	7.91	8.18		8.16	8.20	

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Riedl, Julia (GER) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Junior Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	07-Aug-10	time		12.43	18.15	24.45	24.45	/ 3			
reaction time		interval			5.72	6.30		# of strides	12.43	12.02	0.41
wind	-0.1 m/s	velocity		8.05	8.74	7.94	8.18		8.05	8.32	

Takamori, Maho (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)							*Yasunori (2012) - 65th high school championships: JAF scientific committee*				
date	01-Aug-12	time	6.73	12.54	18.17	24.45	24.45	9 / 6			
reaction time		interval		5.81	5.63	6.28		# of strides	12.54	11.91	0.63
wind	0.3 m/s	velocity	7.43	8.61	8.88	7.96	8.18		7.97	8.40	

Kawanaka, Aori (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)							*Kota (2018) - 71st high school championships: JAF scientific committee*				
date	05-Aug-18	time	6.75	12.39	18.17	24.45	24.45	8 / 7			
reaction time		interval		5.64	5.78	6.28		# of strides	12.39	12.06	0.33
wind	0.8 m/s	velocity	7.41	8.87	8.65	7.96	8.18		8.07	8.29	

Marsh, Erin (USA) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 USA Olympic Trials (Eugene, OR)							*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date	23-Jun-24	time	6.48	12.07	17.94	24.45	24.45	6 / 4			
reaction time		interval		5.59	5.87	6.51		# of strides	12.07	12.38	-0.31
wind	1.1 m/s	velocity	7.72	8.94	8.52	7.68	8.18		8.29	8.08	

Martín, Eva (ESP) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 European Cup (Munich, GER)									*Graubner (2007) - http://www.fgs.uni-halle.de*		
date	24-Jun-07	time		12.28	18.12	24.46	24.46	/ 8			
reaction time	0.169	interval			5.84	6.34		# of strides	12.28	12.18	0.10
wind	-2.0 m/s	velocity		8.14	8.56	7.89	8.18		8.14	8.21	

Seidlová, Klára (CZE) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.67	12.20	18.03	24.46	24.46	3 / 3			
reaction time	0.159	interval		5.53	5.83	6.43		# of strides	12.20	12.26	-0.06
wind	-1.2 m/s	velocity	7.50	9.04	8.58	7.78	8.18		8.20	8.16	

El Hachimi, Sara (MAR) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)							*Omega Timing (2023) - diamond league race analysis*				
date	28-May-23	time	6.63	12.17	18.03	24.48	24.46	4 / 1			
reaction time	0.178	interval		5.54	5.86	6.45		# of strides	12.17	12.31	-0.14
wind	1.4 m/s	velocity	7.54	9.03	8.53	7.75	8.18		8.22	8.12	

Balogun, Haru (JPN) (2009)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)							*Takashima (2024) - national high school sports festival - biomechanics data*				
date	31-Jul-24	time	6.81	12.54	18.35	24.46	24.46	9 / 6			
reaction time	0.233	interval		5.73	5.81	6.11		# of strides	12.54	11.92	0.62
wind	1.1 m/s	velocity	7.34	8.73	8.61	8.18	8.18		7.97	8.39	

Thiam, Nafissatou (BEL) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	08-Aug-24	time	6.67	12.21	18.10	24.46	24.46	6 / 2			
reaction time	0.137	interval		5.54	5.89	6.36		# of strides	12.21	12.25	-0.04
wind	0.2 m/s	velocity	7.50	9.03	8.49	7.86	8.18	92.0	8.19	8.16	

Araujo, Martha (COL) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)									*Paris 2024 Olympic Games - Results Book (2024)*		
date	08-Aug-24	time	6.64	12.12	17.93	24.46	24.46	5 / 6			
reaction time	0.163	interval		5.48	5.81	6.53		# of strides	12.12	12.34	-0.22
wind	0.4 m/s	velocity	7.53	9.12	8.61	7.66	8.18	103.0	8.25	8.10	

Berntsson, Lena (SWE) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2008 Windsprint (Sundsvall, SWE)									*(2008) - www.ssg.se/en/Windsprint/Split-times/*		
date	06-Jul-08	time		12.17	18.08	24.47	24.47	6 / 1			
reaction time		interval			5.91	6.39		# of strides	12.17	12.30	-0.13
wind	1.2 m/s	velocity		8.22	8.46	7.82	8.17		8.22	8.13	

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

Helgesen, Irene (NOR) (1985)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2008 Windsprint (Sundsvall, SWE)									*(2008) - www.ssg.se/en/Windsprint/Split-times/*		
date	06-Jul-08	time		12.27	18.21	24.47	24.47	3 / 2			
reaction time		interval			5.94	6.26		# of strides	12.27	12.20	0.07
wind	1.2 m/s	velocity		8.15	8.42	7.99	8.17		8.15	8.20	

Elsler, Josefina (GER) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 4 - 2010 German National Junior Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	07-Aug-10	time		12.50	18.27	24.47	24.47	/ 1			
reaction time		interval			5.77	6.20		# of strides	12.50	11.97	0.53
wind	0.9 m/s	velocity		8.00	8.67	8.06	8.17		8.00	8.35	

Ito, Mizuki (JPN) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)									*Abe (2011) - 64th high school championships: JAF scientific committee*		
date	06-Aug-11	time	6.64	13.43	18.14	24.47	24.47	/ 2			
reaction time		interval		6.79	4.71	6.33		# of strides	13.43	11.04	2.39
wind	0.0 m/s	velocity	7.53	7.36	10.62	7.90	8.17		7.45	9.06	

Kim Min-Ji (KOR) (1990)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)									*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*		
date	18-Apr-15	time	6.71	12.33	18.20	24.47	24.47	7 / 6			
reaction time		interval		5.62	5.87	6.27		# of strides	12.33	12.14	0.19
wind	1.7 m/s	velocity	7.45	8.90	8.52	7.97	8.17	103.0	8.11	8.24	

Hosoya, Yumi (JPN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)									*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*		
date	20-Sep-20	time	6.69	12.23	18.13	24.47	24.47	5 / 5			
reaction time	0.174	interval		5.54	5.90	6.34		# of strides	12.23	12.24	-0.01
wind	0.6 m/s	velocity	7.47	9.03	8.47	7.89	8.17		8.18	8.17	

Lahlali, Salma (MAR) (2003)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)									*Omega Timing (2022) - diamond league race analysis*		
date	05-Jun-22	time	6.83	12.42	18.27	24.47	24.47	3 / 1			
reaction time	0.238	interval		5.59	5.85	6.20		# of strides	12.42	12.05	0.37
wind	1.1 m/s	velocity	7.32	8.94	8.55	8.06	8.17		8.05	8.30	

Hasegawa, Misato (JPN) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)									*Matsuo (2010) - 63rd high school championships: JAF scientific committee*		
date	01-Aug-10	time	7.07	12.67	18.33	24.48	24.48	/ 1			
reaction time		interval		5.60	5.66	6.15		# of strides	12.67	11.81	0.86
wind	1.0 m/s	velocity	7.07	8.93	8.83	8.13	8.17		7.89	8.47	

Schachtschneider, Maike (GER) (1994			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Youth Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	08-Aug-10	time		12.51	18.23	24.48	24.48	/ 5			
reaction time		interval			5.72	6.25		# of strides	12.51	11.97	0.54
wind	-0.2 m/s	velocity		7.99	8.74	8.00	8.17		7.99	8.35	

Ohuruogu, Christine (GBR) (1984)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (200m straightaway)									*Butler (2011) - Gay's last 100 in Manchester street 150*		
date	15-May-11	time	6.84	12.43	18.26	24.48	24.48	3 / 4			
reaction time		interval		5.59	5.83	6.22		# of strides	12.43	12.05	0.38
wind	2.6 m/s	velocity	7.31	8.94	8.58	8.04	8.17		8.05	8.30	

Kitazawa, Saya (JPN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)									*Yasunori (2012) - 65th high school championships: JAF scientific committee*		
date	01-Aug-12	time	6.77	12.57	18.20	24.48	24.48	5 / 7			
reaction time		interval		5.80	5.63	6.28		# of strides	12.57	11.91	0.66
wind	0.3 m/s	velocity	7.39	8.62	8.88	7.96	8.17		7.96	8.40	

Iki, Aiko (JPN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)									*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*		
date	30-Jun-19	time	6.76	12.39	18.22	24.49	24.49	8 / 6			
reaction time	0.163	interval		5.63	5.83	6.27		# of strides	12.39	12.10	0.29
wind	-0.4 m/s	velocity	7.40	8.88	8.58	7.97	8.17		8.07	8.26	

Hawkins, Chari (USA) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)							*Paris 2024 Olympic Games - Results Book (2024)*		
date 08-Aug-24 time	6.65	12.18	18.02	24.49	24.49	4 / 7			
reaction time 0.178 interval		5.53	5.84	6.47		# of strides	12.18	12.31	-0.13
wind 0.4 m/s velocity	7.52	9.04	8.56	7.73	8.17	95.0	8.21	8.12	

Seko, Nodoka (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2009 Japanese National High School Championships (Nara, JPN)							*Matsuo (2009) - 62nd high school championships: JAF scientific committee*		
date 01-Aug-09 time	6.69	12.30	18.18	24.50	24.50	8 / 3			
reaction time interval		5.61	5.88	6.32		# of strides	12.30	12.20	0.10
wind 0.3 m/s velocity	7.47	8.91	8.50	7.91	8.16		8.13	8.20	

Iki, Aiko (JPN) (2000)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)							*Kijima (2019) - research on athlete performance and technique- 2019 data book*		
date 20-Oct-19 time	6.78	12.39	18.27	24.50	24.50	4 / 3			
reaction time 0.213 interval		5.61	5.88	6.23		# of strides	12.39	12.11	0.28
wind -0.8 m/s velocity	7.37	8.91	8.50	8.03	8.16	103.2	8.07	8.26	

Neal, Tangela (USA) (1979)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2008 Windsprint (Sundsvall, SWE)							*(2008) - www.ssg.se/en/Windsprint/Split-times/*		
date 06-Jul-08 time		12.25	18.12	24.51	24.51	4 / 3			
reaction time interval			5.87	6.39		# of strides	12.25	12.26	-0.01
wind 1.2 m/s velocity		8.16	8.52	7.82	8.16		8.16	8.16	

Fukuda, Tomomi (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2009 Japanese National High School Championships (Nara, JPN)							*Matsuo (2009) - 62nd high school championships: JAF scientific committee*		
date 01-Aug-09 time	6.75	12.37	18.26	24.51	24.51	7 / 4			
reaction time interval		5.62	5.89	6.25		# of strides	12.37	12.14	0.23
wind 0.3 m/s velocity	7.41	8.90	8.49	8.00	8.16		8.08	8.24	

Elsler, Josefina (GER) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*		
date 07-Aug-10 time		12.50	18.33	24.51	24.51	/ 4			
reaction time interval			5.83	6.18		# of strides	12.50	12.01	0.49
wind -0.1 m/s velocity		8.00	8.58	8.09	8.16		8.00	8.33	

Idoabigeiru, Fuka (JPN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National High School Championships (Nagoka, JPN)							*Kato (2018) - 71st high school championships: JAF scientific committee - biomechanics*		
date 05-Aug-18 time	6.65	12.33	18.19	24.51	24.51	3 / 8			
reaction time interval		5.68	5.86	6.32		# of strides	12.33	12.18	0.15
wind 0.8 m/s velocity	7.52	8.80	8.53	7.91	8.16		8.11	8.21	

Nagaoka, Risa (JPN) (2008)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Shimane High School Championships (Izumo, JPN)							*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*		
date 26-May-24 time		12.34	18.23	24.51	24.51	8 / 1			
reaction time interval			5.89	6.28		# of strides	12.34	12.17	0.17
wind 1.0 m/s velocity		8.10	8.49	7.96	8.16		8.10	8.22	

Fujisawa, Sayaka (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*		
date 03-May-17 time	6.78	12.32	18.16	24.52	24.52	9 / 5			
reaction time interval		5.54	5.84	6.36		# of strides	12.32	12.20	0.12
wind -0.5 m/s velocity	7.37	9.03	8.56	7.86	8.16		8.12	8.20	

Fuji, Mio (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)							*Kijima (2019) - research on athlete performance and technique- 2019 data book*		
date 20-Oct-19 time	6.69	12.30	18.21	24.52	24.52	6 / 4			
reaction time 0.159 interval		5.61	5.91	6.31		# of strides	12.30	12.22	0.08
wind -0.8 m/s velocity	7.47	8.91	8.46	7.92	8.16	101.5	8.13	8.18	

Wingfield, Charlotte (MLT) (1994)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)							*Longines Timing (2022) - commonwealth games race analysis*		
date 05-Aug-22 time	6.6	12.3	18.1	24.52	24.52	3 / 8			
reaction time 0.145 interval		5.70	5.80	6.42		# of strides	12.30	12.22	0.08
wind 1.9 m/s velocity	7.58	8.77	8.62	7.79	8.16	98.0	8.13	8.18	

Zuo Siyu (CHN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)											*Shandong Athletics Sport Science (2023)*
date	04-Jun-23	time		12.06	17.92	24.52	24.52	4 / 2			
reaction time	0.197	interval			5.86	6.60		# of strides	12.06	12.46	-0.40
wind	-0.1 m/s	velocity		8.29	8.53	7.58	8.16	108.0	8.29	8.03	

Hashizume, Sakina (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)								*Matsuo (2010) - 63rd high school championships: JAF scientific committee*			
date	01-Aug-10	time	6.84	12.50	18.30	24.53	24.53	/ 2			
reaction time		interval		5.66	5.80	6.23	**PB**	# of strides	12.50	12.03	0.47
wind	1.0 m/s	velocity	7.31	8.83	8.62	8.03	8.15		8.00	8.31	

Holzschuh, Marie (GER) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)											*Graubner (2010) - http://www.fgs.uni-halle.de*
date	08-Aug-10	time		12.62	18.34	24.54	24.54	/ 6			
reaction time		interval			5.72	6.20		# of strides	12.62	11.92	0.70
wind	-0.2 m/s	velocity		7.92	8.74	8.06	8.15		7.92	8.39	

Miyake, Naoka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)								*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date	30-Jun-19	time	6.68	12.27	18.15	24.54	24.54	3 / 7			
reaction time	0.150	interval		5.59	5.88	6.39		# of strides	12.27	12.27	0.00
wind	-0.4 m/s	velocity	7.49	8.94	8.50	7.82	8.15	101.5	8.15	8.15	

Fuse, Ichiha (JPN) (2008)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)								*Takashima (2024) - national high school sports festival - biomechanics data*			
date	31-Jul-24	time	6.59	12.24	18.13	24.54	24.54	4 / 7			
reaction time	0.176	interval		5.65	5.89	6.41		# of strides	12.24	12.30	-0.06
wind	1.1 m/s	velocity	7.59	8.85	8.49	7.80	8.15		8.17	8.13	

Thomas, Vashti (USA) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2013 Windsprint (Sundsvall, SWE)											*(2013) - www.ssg.se/windsprint/Splittider/*
date	28-Jul-13	time		12.21	18.14	24.55	24.55	5 / 5			
reaction time		interval			5.93	6.41		# of strides	12.21	12.34	-0.13
wind	1.6 m/s	velocity		8.19	8.43	7.80	8.15		8.19	8.10	

Morgan, Lynette (SWE) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2014 Windsprint (Sundsvall, SWE)											*Johansen (2014) - www.ssg.se/windsprint/Splittider/*
date	20-Jul-14	time		12.65		24.55	24.55	5 / 1			
reaction time		interval				11.90	**PB**	# of strides	12.65	11.90	0.75
wind	1.6 m/s	velocity		7.91		8.40	8.15		7.91	8.40	

Aoki, Rin (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.70	12.38	18.21	24.55	24.55	8 / 4			
reaction time	0.177	interval		5.68	5.83	6.34		# of strides	12.38	12.17	0.21
wind	1.2 m/s	velocity	7.46	8.80	8.58	7.89	8.15		8.08	8.22	

Shimada, Yukina (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.56	12.30	18.25	24.55	24.55	4 / 5			
reaction time	0.179	interval		5.74	5.95	6.30		# of strides	12.30	12.25	0.05
wind	1.2 m/s	velocity	7.62	8.71	8.40	7.94	8.15		8.13	8.16	

Hirosawa, Mae (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	20-Sep-20	time	6.68	12.28	18.18	24.55	24.55	2 / 6			
reaction time	0.163	interval		5.60	5.90	6.37		# of strides	12.28	12.27	0.01
wind	0.6 m/s	velocity	7.49	8.93	8.47	7.85	8.15		8.14	8.15	

Liao Mengxue (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Chinese National Championships (Chongqing, CHN)											*CAA Hurdle Development (2021)*
date	27-Jun-21	time		12.30	18.17	24.55	24.55	2 / 4			
reaction time	0.211	interval			5.87	6.38		# of strides	12.30	12.25	0.05
wind	-0.2 m/s	velocity		8.13	8.52	7.84	8.15	99.0	8.13	8.16	

Hatano, Minami (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.70	12.45	18.32	24.56	24.56	9 / 6			
reaction time	0.150	interval		5.75	5.87	6.24		# of strides	12.45	12.11	0.34
wind	1.2 m/s	velocity	7.46	8.70	8.52	8.01	8.14		8.03	8.26	

Igoshi, Akari (JPN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)								*Kota (2017) - 70th high school championships: JAF scientific committee*			
date	01-Aug-17	time	6.68	12.43	18.30	24.56	24.56	9 / 5			
reaction time	0.177	interval		5.75	5.87	6.26		# of strides	12.43	12.13	0.30
wind	-0.2 m/s	velocity	7.49	8.70	8.52	7.99	8.14		8.05	8.24	

Aoyama, Hanae (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.78	12.30	18.11	24.56	24.56	3 / 2			
reaction time	0.175	interval		5.52	5.81	6.45		# of strides	12.30	12.26	0.04
wind	1.5 m/s	velocity	7.37	9.06	8.61	7.75	8.14		8.13	8.16	

Saito, Ami (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.72	12.26	18.10	24.56	24.56	6 / 6			
reaction time	0.178	interval		5.54	5.84	6.46		# of strides	12.26	12.30	-0.04
wind	1.5 m/s	velocity	7.44	9.03	8.56	7.74	8.14		8.16	8.13	

Mimura, Kanami (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)								*Yamanaka (2019) - research on athlete performance and technique- 2019 data book*			
date	30-Jun-19	time	6.81	12.39	18.20	24.56	24.56	9 / 8			
reaction time	0.211	interval		5.58	5.81	6.36		# of strides	12.39	12.17	0.22
wind	-0.4 m/s	velocity	7.34	8.96	8.61	7.86	8.14		8.07	8.22	

Romijn, Lise (NED) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2024 FBK Games (Hengelo, NED)								*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	7.05	12.60	18.36	24.56	24.56	8 / 2			
reaction time	0.244	interval		5.55	5.76	6.20		# of strides	12.60	11.96	0.64
wind	-0.3 m/s	velocity	7.09	9.01	8.68	8.06	8.14		7.94	8.36	

Samuelsson, Jessica (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
D FINAL - 2014 Windsprint (Sundsvall, SWE)								*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time		12.59		24.57	24.57	4 / 1			
reaction time		interval				11.98		# of strides	12.59	11.98	0.61
wind	2.0 m/s	velocity		7.94		8.35	8.14		7.94	8.35	

Kawamura, Tomomi (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)								*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date	01-Aug-15	time	6.51	12.20	18.11	24.57	24.57	6 / 1			
reaction time		interval		5.69	5.91	6.46		# of strides	12.20	12.37	-0.17
wind	-3.4 m/s	velocity	7.68	8.79	8.46	7.74	8.14		8.20	8.08	

Saalberg, Eveline (NED) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2024 FBK Games (Hengelo, NED)								*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	6.95	12.50	18.30	24.57	24.57	6 / 3			
reaction time	0.219	interval		5.55	5.80	6.27		# of strides	12.50	12.07	0.43
wind	-0.3 m/s	velocity	7.19	9.01	8.62	7.97	8.14		8.00	8.29	

Latvala, Hanna-Maari (FIN) (1987)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2015 Windsprint (Sundsvall, SWE)								*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time		12.25		24.58	24.58	5 / 5			
reaction time		interval				12.33		# of strides	12.25	12.33	-0.08
wind	0.8 m/s	velocity		8.16		8.11	8.14		8.16	8.11	

Kishimoto, Wakana (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)								*Kota (2016) - 69th high school championships: JAF scientific committee*			
date	01-Aug-16	time	6.64	12.36	18.26	24.58	24.58	3 / 7			
reaction time	0.170	interval		5.72	5.90	6.32		# of strides	12.36	12.22	0.14
wind	1.2 m/s	velocity	7.53	8.74	8.47	7.91	8.14		8.09	8.18	

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

Taji, Haruka (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.87	12.41	18.23	24.58	24.58	5 / 3			
reaction time	0.179	interval		5.54	5.82	6.35		# of strides	12.41	12.17	0.24
wind	1.5 m/s	velocity	7.28	9.03	8.59	7.87	8.14		8.06	8.22	

Miura, Yuna (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.80	12.35	18.22	24.58	24.58	4 / 4			
reaction time	0.172	interval		5.55	5.87	6.36		# of strides	12.35	12.23	0.12
wind	1.5 m/s	velocity	7.35	9.01	8.52	7.86	8.14		8.10	8.18	

Oosterwegel, Emma (NED) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.47		24.58	24.58	5 / 2			
reaction time	0.193	interval				12.11		# of strides	12.47	12.11	0.36
wind	-0.1 m/s	velocity		8.02		8.26	8.14	99.0	8.02	8.26	

Murakami, Hikaru (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	7.01	12.56	18.32	24.59	24.59	8 / 5			
reaction time	0.252	interval		5.55	5.76	6.27		# of strides	12.56	12.03	0.53
wind	1.5 m/s	velocity	7.13	9.01	8.68	7.97	8.13		7.96	8.31	

Zhu Cuiyan (CHN) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	12-Jun-21	time		12.14		24.59	24.59	3 / 5			
reaction time	0.199	interval				12.45		# of strides	12.14	12.45	-0.31
wind	-0.2 m/s	velocity		8.24		8.03	8.13	104.5	8.24	8.03	

Tarasova, Yuliya (UZB) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.80	12.17	18.06	24.60	24.60	5 / 5			
reaction time	0.194	interval		5.37	5.89	6.54		# of strides	12.17	12.43	-0.26
wind	-0.2 m/s	velocity	7.35	9.31	8.49	7.65	8.13		8.22	8.05	

Riedl, Martina (GER) (1992)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2010 German National Junior Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	07-Aug-10	time		12.32	18.16	24.60	24.60	/ 1			
reaction time		interval			5.84	6.44		# of strides	12.32	12.28	0.04
wind	0.3 m/s	velocity		8.12	8.56	7.76	8.13		8.12	8.14	

Sugiyama, Sumire (JPN) (1997)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)								*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date	01-Aug-15	time	6.72	12.44	18.23	24.60	24.60	8 / 2			
reaction time		interval		5.72	5.79	6.37	**PB**	# of strides	12.44	12.16	0.28
wind	-3.4 m/s	velocity	7.44	8.74	8.64	7.85	8.13		8.04	8.22	

Hrívnová, Pavla (CZE) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.89	12.12	18.38	24.61	24.61	8 / 6			
reaction time	0.238	interval		5.23	6.26	6.23		# of strides	12.12	12.49	-0.37
wind	0.3 m/s	velocity	7.26	9.56	7.99	8.03	8.13		8.25	8.01	

Shuri, Ogi (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*JAAF (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.63	12.25	18.18	24.61	24.61	2 / 5			
reaction time	0.173	interval		5.62	5.93	6.43		# of strides	12.25	12.36	-0.11
wind	-0.8 m/s	velocity	7.54	8.90	8.43	7.78	8.13	114.5	8.16	8.09	

Theisen, Brianne (CAN) (1988)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.88	12.35	18.29	24.62	24.62	8 / 6			
reaction time	0.185	interval		5.47	5.94	6.33		# of strides	12.35	12.27	0.08
wind	0.0 m/s	velocity	7.27	9.14	8.42	7.90	8.12		8.10	8.15	

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Günther, Leena (GER) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2010 German National Junior Championships (Ulm, GER)										*Graubner (2010) - http://www.fgs.uni-halle.de*	
date	07-Aug-10	time		12.55	18.36	24.62	24.62	/ 1			
reaction time		interval			5.81	6.26		# of strides	12.55	12.07	0.48
wind	0.0 m/s	velocity		7.97	8.61	7.99	8.12		7.97	8.29	

Bamane, Gladys (SWE) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2014 Windsprint (Sundsvall, SWE)										*Johansen (2014) - www.ssg.se/windsprint/Splittider/*	
date	20-Jul-14	time		12.55		24.62	24.62	2 / 2			
reaction time		interval				12.07	PB	# of strides	12.55	12.07	0.48
wind	1.8 m/s	velocity		7.97		8.29	8.12		7.97	8.29	

Nakamura, Mizuki (JPN) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2018 Shizuoka International Meeting (Fukuroi, JPN)										*Ryutaro (2018) - research on athlete performance and technique- 2018 data book*	
date	03-May-18	time	6.78	12.36	18.23	24.62	24.62	7 / 4			
reaction time	0.184	interval		5.58	5.87	6.39		# of strides	12.36	12.26	0.10
wind	0.7 m/s	velocity	7.37	8.96	8.52	7.82	8.12	99.2	8.09	8.16	

Miura, Karen (JPN) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)										*Takashima (2023) - national high school sports festival - biomechanics data*	
date	05-Aug-23	time	6.73	12.53	18.41	24.62	24.62	2 / 5			
reaction time	0.198	interval		5.80	5.88	6.21		# of strides	12.53	12.09	0.44
wind	0.2 m/s	velocity	7.43	8.62	8.50	8.05	8.12		7.98	8.27	

Yamada, Eri (JPN) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)										*Abe (2011) - 64th high school championships: JAF scientific committee*	
date	06-Aug-11	time	6.67	13.47	18.20	24.63	24.63	/ 3			
reaction time		interval		6.80	4.73	6.43		# of strides	13.47	11.16	2.31
wind	0.0 m/s	velocity	7.50	7.35	10.57	7.78	8.12		7.42	8.96	

Östlund, Elin (SWE) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2012 Windsprint (Sundsvall, SWE)										*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*	
date	17-Jun-12	time		12.55		24.63	24.63	/ 2			
reaction time		interval				12.08		# of strides	12.55	12.08	0.47
wind	1.9 m/s	velocity		7.97		4.06	8.12		7.97	8.28	

Wada, Maki (JPN) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)										*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*	
date	18-Apr-15	time	6.67	12.33	18.23	24.63	24.63	1 / 7			
reaction time		interval		5.66	5.90	6.40		# of strides	12.33	12.30	0.03
wind	1.7 m/s	velocity	7.50	8.83	8.47	7.81	8.12	105.5	8.11	8.13	

Qu Haixia (CHN) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)										*Jiang (2019) - data analysis women's sprint finals the world championships trials*	
date	03-Aug-19	time	6.71	12.10	18.08	24.63	24.63	2 / 8			
reaction time		interval		5.39	5.98	6.55		# of strides	12.10	12.53	-0.43
wind	0.2 m/s	velocity	7.45	9.28	8.36	7.63	8.12		8.26	7.98	

Shimada, Yukina (JPN) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)										*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*	
date	22-Sep-18	time	6.65	12.35	18.29	24.64	24.64	4 / 7			
reaction time	0.188	interval		5.70	5.94	6.35		# of strides	12.35	12.29	0.06
wind	0.2 m/s	velocity	7.52	8.77	8.42	7.87	8.12		8.10	8.14	

Okabayashi, Saki (JPN) (2007)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Japanese National High School Championsips (Fukuoka, JPN)										*Takashima (2024) - national high school sports festival - biomechanics data*	
date	31-Jul-24	time	6.64	12.38	18.25	24.64	24.64	3 / 8			
reaction time	0.183	interval		5.74	5.87	6.39	PB	# of strides	12.38	12.26	0.12
wind	1.1 m/s	velocity	7.53	8.71	8.52	7.82	8.12		8.08	8.16	

Miki, Shiori (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)										*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*	
date	12-Jun-11	time	6.80	12.43	18.33	24.65	24.65	/ 7			
reaction time		interval		5.63	5.90	6.32		# of strides	12.43	12.22	0.21
wind	-0.7 m/s	velocity	7.35	8.88	8.47	7.91	8.11		8.05	8.18	

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Ligarska, Paulina (POL) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 17-Jul-22	time	12.50		24.65	24.65	5 / 4			
reaction time 0.159	interval			12.15	PB	# of strides	12.50	12.15	0.35
wind 1.5 m/s	velocity	8.00		8.23	8.11	88.0	8.00	8.23	

Miura, Yuna (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)						*Kota (2017) - 70th high school championships: JAF scientific committee*			
date 01-Aug-17	time	6.62	12.29	18.10	24.66	24.66	4 / 6		
reaction time 0.161	interval		5.67	5.81	6.56		# of strides	12.29	12.37	-0.08
wind -0.2 m/s	velocity	7.55	8.82	8.61	7.62	8.11		8.14	8.08	

Satou, Aoi (JPN) (2004)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)						*Kijima (2022) - national high school championships biomechanics data collection*			
date 06-Aug-22	time	6.65	12.32	18.18	24.66	24.66	4 / 3		
reaction time 0.170	interval		5.67	5.86	6.48		# of strides	12.32	12.34	-0.02
wind -1.2 m/s	velocity	7.52	8.82	8.53	7.72	8.11		8.12	8.10	

Numa, Nagisa (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)						*Takashima (2023) - national high school sports festival - biomechanics data*			
date 05-Aug-23	time	6.56	12.30	18.24	24.66	24.66	6 / 6		
reaction time 0.227	interval		5.74	5.94	6.42		# of strides	12.30	12.36	-0.06
wind 0.2 m/s	velocity	7.62	8.71	8.42	7.79	8.11		8.13	8.09	

Yasuzu, Chiba (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)						*Takashima (2023) - national high school sports festival - biomechanics data*			
date 05-Aug-23	time	6.76	12.50	18.40	24.66	24.66	3 / 7		
reaction time 0.240	interval		5.74	5.90	6.26		# of strides	12.50	12.16	0.34
wind 0.2 m/s	velocity	7.40	8.71	8.47	7.99	8.11		8.00	8.22	

Li Huixian (CHN) (2005)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)						*Shandong Athletics Sport Science (2022)*			
date 03-Sep-22	time	12.51	18.36	24.67	24.67	4 / 1			
reaction time 0.231	interval		5.85	6.31		# of strides	12.51	12.16	0.35
wind 0.6 m/s	velocity	7.99	8.55	7.92	8.11	105.0	7.99	8.22	

Schmidt, Annika (GER) (1983)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 5 - 2010 German National Junior Championships (Ulm, GER)						*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time	12.52	18.32	24.68	24.68	/ 1			
reaction time	interval		5.80	6.36	PB	# of strides	12.52	12.16	0.36
wind 0.9 m/s	velocity	7.99	8.62	7.86	8.10		7.99	8.22	

Yamasaki, Yuki (JPN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)						*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18	time	6.82	12.39	18.29	24.68	24.68	7 / 1		
reaction time	interval		5.57	5.90	6.39		# of strides	12.39	12.29	0.10
wind 2.2 m/s	velocity	7.33	8.98	8.47	7.82	8.10		8.07	8.14	

Doi, Anna (JPN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)						*Abe (2011) - 64th high school championships: JAF scientific committee*			
date 06-Aug-11	time	6.57	13.66	18.37	24.69	24.69	/ 4		
reaction time	interval		7.09	4.71	6.32		# of strides	13.66	11.03	2.63
wind 0.0 m/s	velocity	7.61	7.05	10.62	7.91	8.10		7.32	9.07	

Wada, Maki (JPN) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)						*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date 24-Jun-18	time	6.55	12.13	18.15	24.69	24.69	9 / 7		
reaction time 0.152	interval		5.58	6.02	6.54		# of strides	12.13	12.56	-0.43
wind 1.1 m/s	velocity	7.63	8.96	8.31	7.65	8.10		8.24	7.96	

Lei Yelan (CHN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)						*Shandong Athletics Sport Science (2023)*			
date 04-Jun-23	time	12.28	18.18	24.69	24.69	3 / 2			
reaction time 0.199	interval		5.90	6.51		# of strides	12.28	12.41	-0.13
wind -0.1 m/s	velocity	8.14	8.47	7.68	8.10	101.0	8.14	8.06	

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Lehlali, Salma (MAR) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	6.90	12.58	18.41	24.70	24.70	5 / 2			
reaction time	0.198	interval		5.68	5.83	6.29		# of strides	12.58	12.12	0.46
wind	1.4 m/s	velocity	7.25	8.80	8.58	7.95	8.10		7.95	8.25	

Samuelsson, Jessica (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.71	12.25	18.22	24.71	24.71	3 / 7			
reaction time	0.208	interval		5.54	5.97	6.49		# of strides	12.25	12.46	-0.21
wind	0.0 m/s	velocity	7.45	9.03	8.38	7.70	8.09		8.16	8.03	

Akashi, Yuri (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)								*Abe (2011) - 64th high school championships: JAF scientific committee- biomechanics*			
date	06-Aug-11	time	7.08	13.58	18.28	24.71	24.71	/ 5			
reaction time		interval		6.50	4.70	6.43		# of strides	13.58	11.13	2.45
wind	0.0 m/s	velocity	7.06	7.69	10.64	7.78	8.09		7.36	8.98	

Edobar, Iyoba (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)								*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date	01-Aug-15	time	6.70	12.43	18.30	24.71	24.71	3 / 3			
reaction time		interval		5.73	5.87	6.41		# of strides	12.43	12.28	0.15
wind	-3.4 m/s	velocity	7.46	8.73	8.52	7.80	8.09		8.05	8.14	

Utsunomiya, Eri (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)								*Matsubayashi (2018) - research on athlete performance and technique*			
date	16-Jun-18	time	6.76	12.41	18.36	24.71	24.71	5 / 2			
reaction time		interval		5.65	5.95	6.35		# of strides	12.41	12.30	0.11
wind	2.2 m/s	velocity	7.40	8.85	8.40	7.87	8.09		8.06	8.13	

Kawasaki, Natsumi (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)								*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date	25-Oct-20	time	6.89	12.58	18.51	24.71	24.71	1 / 4			
reaction time	0.221	interval		5.69	5.93	6.20		# of strides	12.58	12.13	0.45
wind	1.7 m/s	velocity	7.26	8.79	8.43	8.06	8.09	106.5	7.95	8.24	

Zhu Cuiwei (CHN) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	12-Jun-21	time		12.01		24.71	24.71	1 / 5			
reaction time	0.172	interval				12.70		# of strides	12.01	12.70	-0.69
wind	-0.4 m/s	velocity		8.33		7.87	8.09	106.5	8.33	7.87	

Yamasaki, Yuki (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN)								*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*			
date	07-May-23	time	6.74	12.25	18.19	24.71	24.71	4 / 1			
reaction time	0.161	interval		5.51	5.94	6.52		# of strides	12.25	12.46	-0.21
wind	-0.2 m/s	velocity	7.42	9.07	8.42	7.67	8.09		8.16	8.03	

Vanninen, Saga (FIN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.55		24.71	24.71	6 / 3			
reaction time	0.175	interval				12.16		# of strides	12.55	12.16	0.39
wind	-0.1 m/s	velocity		7.97		8.22	8.09	96.5	7.97	8.22	

Hayakari, Narumi (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)								*Matsuo (2009) - 62nd high school championships: JAF scientific committee*			
date	01-Aug-09	time	6.68	12.28	18.25	24.72	24.72	6 / 5			
reaction time		interval		5.60	5.97	6.47		# of strides	12.28	12.44	-0.16
wind	0.3 m/s	velocity	7.49	8.93	8.38	7.73	8.09		8.14	8.04	

Oki, Sayaka (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)								*Yasunori (2012) - 65th high school championships: JAF scientific committee*			
date	01-Aug-12	time	6.99	12.93	18.59	24.72	24.72	2 / 8			
reaction time		interval		5.94	5.66	6.13		# of strides	12.93	11.79	1.14
wind	0.3 m/s	velocity	7.15	8.42	8.83	8.16	8.09		7.73	8.48	

Kurahasi, Miho (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese U20 National Championships (Osaka, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	27-Jun-21	time	6.73	12.27	18.20	24.72	24.72	5 / 3			
reaction time	0.160	interval		5.54	5.93	6.52		# of strides	12.27	12.45	-0.18
wind	-0.4 m/s	velocity	7.43	9.03	8.43	7.67	8.09	99.0	8.15	8.03	

Yamagata, Aiha (JPN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)								*Kijima (2022) - national high school championships biomechanics data collection*			
date	06-Aug-22	time	6.72	12.43	18.30	24.72	24.72	3 / 4			
reaction time	0.284	interval		5.71	5.87	6.42		# of strides	12.43	12.29	0.14
wind	-1.2 m/s	velocity	7.44	8.76	8.52	7.79	8.09		8.05	8.14	

West, Tori (AUS) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.81	12.34	18.25	24.73	24.73	7 / 7			
reaction time	0.154	interval		5.53	5.91	6.48		# of strides	12.34	12.39	-0.05
wind	-0.5 m/s	velocity	7.34	9.04	8.46	7.72	8.09	100.0	8.10	8.07	

Miyazaki, Amika (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)								*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date	01-Aug-15	time	6.64	12.38	18.26	24.74	24.74	7 / 4			
reaction time		interval		5.74	5.88	6.48		# of strides	12.38	12.36	0.02
wind	-3.4 m/s	velocity	7.53	8.71	8.50	7.72	8.08		8.08	8.09	

Aono, Misaki (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Ryuji (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.88	12.49	18.41	24.74	24.74	5 / 5			
reaction time	0.174	interval		5.61	5.92	6.33		# of strides	12.49	12.25	0.24
wind	-1.3 m/s	velocity	7.27	8.91	8.45	7.90	8.08	109.0	8.01	8.16	

Kurashige, Miu (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)								*Kijima (2022) - national high school championships biomechanics data collection*			
date	06-Aug-22	time	6.58	12.27	18.22	24.74	24.74	5 / 5			
reaction time	0.166	interval		5.69	5.95	6.52		# of strides	12.27	12.47	-0.20
wind	-1.2 m/s	velocity	7.60	8.79	8.40	7.67	8.08		8.15	8.02	

Hata, Kokomi (JPN) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Shimane High School Championships (Izumo, JPN)								*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time		12.39	18.32	24.74	24.74	6 / 2			
reaction time		interval			5.93	6.42		# of strides	12.39	12.35	0.04
wind	1.0 m/s	velocity		8.07	8.43	7.79	8.08		8.07	8.10	

Vanninen, Saga (FIN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.82	12.47	18.37	24.74	24.74	8 / 3			
reaction time	0.151	interval		5.65	5.90	6.37		# of strides	12.47	12.27	0.20
wind	0.2 m/s	velocity	7.33	8.85	8.47	7.85	8.08	96.0	8.02	8.15	

Pickler, Diana (USA) (1983)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.77	12.33	18.29	24.75	24.75	5 / 1			
reaction time	0.173	interval		5.56	5.96	6.46		# of strides	12.33	12.42	-0.09
wind	-0.3 m/s	velocity	7.39	8.99	8.39	7.74	8.08		8.11	8.05	

Sotáková, Jana (CZE) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.90	12.45	18.34	24.75	24.75	6 / 3			
reaction time	0.223	interval		5.55	5.89	6.41		# of strides	12.45	12.30	0.15
wind	-0.3 m/s	velocity	7.25	9.01	8.49	7.80	8.08		8.03	8.13	

Komatsu, Konomi (JPN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)								*Kijima (2022) - national high school championships biomechanics data collection*			
date	06-Aug-22	time	6.72	12.47	18.36	24.75	24.75	8 / 6			
reaction time	0.201	interval		5.75	5.89	6.39		# of strides	12.47	12.28	0.19
wind	-1.2 m/s	velocity	7.44	8.70	8.49	7.82	8.08		8.02	8.14	

Liu Guoyi (CHN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)										*Shandong Athletics Sport Science (2023)*	
date	29-Jun-23	time		12.44	18.30	24.75	24.75	3 / 6			
reaction time	0.292	interval			5.86	6.45		# of strides	12.44	12.31	0.13
wind	0.5 m/s	velocity		8.04	8.53	7.75	8.08	100.0	8.04	8.12	

Torihara, Saki (JPN) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)								*Matsuo (2009) - 62nd high school championships: JAF scientific committee*			
date	01-Aug-09	time	6.79	12.50	18.39	24.76	24.76	3 / 6			
reaction time		interval		5.71	5.89	6.37		# of strides	12.50	12.26	0.24
wind	0.3 m/s	velocity	7.36	8.76	8.49	7.85	8.08		8.00	8.16	

Newton-Smith, Camryn (AUS) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.63	12.23	18.16	24.76	24.76	9 / 8			
reaction time	0.173	interval		5.60	5.93	6.60		# of strides	12.23	12.53	-0.30
wind	0.4 m/s	velocity	7.54	8.93	8.43	7.58	8.08	101.0	8.18	7.98	

Adachi, Yuha (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Jinno (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.75	12.39	18.31	24.77	24.77	7 / 6			
reaction time	0.171	interval		5.64	5.92	6.46		# of strides	12.39	12.38	0.01
wind	-0.8 m/s	velocity	7.41	8.87	8.45	7.74	8.07	105.0	8.07	8.08	

Conte, Claudia (ESP) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.45		24.77	24.77	4 / 5			
reaction time	0.163	interval				12.32	**PB**	# of strides	12.45	12.32	0.13
wind	1.5 m/s	velocity		8.03		8.12	8.07	100.0	8.03	8.12	

van Krieken, Lianne (NED) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2024 FBK Games (Hengelo, NED)								*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	6.83	12.47	18.34	24.77	24.77	2 / 4			
reaction time	0.189	interval		5.64	5.87	6.43		# of strides	12.47	12.30	0.17
wind	-0.3 m/s	velocity	7.32	8.87	8.52	7.78	8.07		8.02	8.13	

O'Connor, Kate (IRL) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.76	12.41	18.37	24.77	24.77	2 / 4			
reaction time	0.148	interval		5.65	5.96	6.40		# of strides	12.41	12.36	0.05
wind	0.2 m/s	velocity	7.40	8.85	8.39	7.81	8.07	98.5	8.06	8.09	

Carter, Antonette (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	21-Jun-03	time	6.77	12.51	18.29	24.78	24.78	8 / 8			
reaction time		interval		5.74	5.78	6.49		# of strides	12.51	12.27	0.24
wind	-1.5 m/s	velocity	7.39	8.71	8.65	7.70	8.07		7.99	8.15	

Henriksson, Malin (SWE) (1978)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2007 Windsprint (Sundsvall, SWE)								*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		12.50	18.43	24.78	24.78	5 / 2			
reaction time		interval			5.93	6.35		# of strides	12.50	12.28	0.22
wind	2.0 m/s	velocity		8.00	8.43	7.87	8.07		8.00	8.14	

Okuno, Yuko (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)								*Matsuo (2009) - 62nd high school championships: JAF scientific committee*			
date	01-Aug-09	time	6.83	12.50	18.50	24.78	24.78	2 / 7			
reaction time		interval		5.67	6.00	6.28		# of strides	12.50	12.28	0.22
wind	0.3 m/s	velocity	7.32	8.82	8.33	7.96	8.07		8.00	8.14	

Wisse, Yvonne (NED) (1982)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.84	12.28	18.26	24.78	24.78	6 / 8			
reaction time	0.173	interval		5.44	5.98	6.52		# of strides	12.28	12.50	-0.22
wind	0.0 m/s	velocity	7.31	9.19	8.36	7.67	8.07		8.14	8.00	

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

Buckel, Carlotta (GER) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Junior Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	07-Aug-10	time		12.39	18.30	24.78	24.78	/ 1			
reaction time		interval			5.91	6.48		# of strides	12.39	12.39	0.00
wind	-0.2 m/s	velocity		8.07	8.46	7.72	8.07		8.07	8.07	

Nomura, Mayu (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)									*Yasutomi (2012) - 65th high school championships: JAF scientific committee- biomechanics*		
date	01-Aug-12	time	6.99	12.90	18.54	24.78	24.78	1 / 9			
reaction time		interval		5.91	5.64	6.24		# of strides	12.90	11.88	1.02
wind	0.3 m/s	velocity	7.15	8.46	8.87	8.01	8.07		7.75	8.42	

Adachi, Marin (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)									*Kijima (2019) - research on athlete performance and technique- 2019 data book*		
date	20-Oct-19	time	6.68	12.29	18.31	24.78	24.78	2 / 6			
reaction time	0.151	interval		5.61	6.02	6.47		# of strides	12.29	12.49	-0.20
wind	-1.3 m/s	velocity	7.49	8.91	8.31	7.73	8.07	115.5	8.14	8.01	

Masilingi, Beatrice (NAM) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Semi-Final 2 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	19-Jul-22	time		11.47		24.78	24.78	5 / 8			
reaction time	0.158	interval				13.31		# of strides	11.47	13.31	-1.84
wind	1.4 m/s	velocity		8.72		7.51	8.07	94.0	8.72	7.51	

O'Connor, Kate (IRL) (2000)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)									*Seiko Timing (2023) - world championship race analysis*		
date	19-Aug-23	time		12.57		24.78	24.78	3 / 4			
reaction time	0.129	interval				12.21		# of strides	12.57	12.21	0.36
wind	-0.1 m/s	velocity		7.96		8.19	8.07	98.2	7.96	8.19	

Agerbjer, Emma (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2007 Windsprint (Sundsvall, SWE)									*(2007) - www.ssg.se/en/Windsprint/Split-times/*		
date	24-Jul-07	time		12.52	18.52	24.79	24.79	3 / 3			
reaction time		interval			6.00	6.27		# of strides	12.52	12.27	0.25
wind	2.0 m/s	velocity		7.99	8.33	7.97	8.07		7.99	8.15	

Kimura, Akane (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)									*Abe (2011) - 64th high school championships: JAF scientific committee*		
date	06-Aug-11	time	6.63	13.60	18.37	24.79	24.79	/ 6			
reaction time		interval		6.97	4.77	6.42		# of strides	13.60	11.19	2.41
wind	0.0 m/s	velocity	7.54	7.17	10.48	7.79	8.07		7.35	8.94	

Shibata, Mie (JPN) (1998)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)									*Enomoto (2015) - 68th high school championships: JAF scientific committee*		
date	01-Aug-15	time	6.67	12.48	18.45	24.79	24.79	4 / 5			
reaction time		interval		5.81	5.97	6.34		# of strides	12.48	12.31	0.17
wind	-3.4 m/s	velocity	7.50	8.61	8.38	7.89	8.07		8.01	8.12	

Kawanaka, Aori (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)									*Kota (2017) - 70th high school championships: JAF scientific committee*		
date	01-Aug-17	time	6.72	12.44	18.28	24.79	24.79	8 / 7			
reaction time	0.167	interval		5.72	5.84	6.51		# of strides	12.44	12.35	0.09
wind	-0.2 m/s	velocity	7.44	8.74	8.56	7.68	8.07		8.04	8.10	

Utsunomiya, Eri (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)									*Matsubayashi (2018) - research on athlete performance and technique*		
date	21-Apr-18	time	6.72	12.37	18.40	24.79	24.79	8 / 1			
reaction time		interval		5.65	6.03	6.39	**PB**	# of strides	12.37	12.42	-0.05
wind	-0.4 m/s	velocity	7.44	8.85	8.29	7.82	8.07		8.08	8.05	

Kodama, Mei (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)									*Ryutaro (2018) - research on athlete performance and technique*		
date	21-Oct-18	time	6.82	12.52	18.42	24.79	24.79	2 / 7			
reaction time	0.171	interval		5.70	5.90	6.37		# of strides	12.52	12.27	0.25
wind	1.5 m/s	velocity	7.33	8.77	8.47	7.85	8.07		7.99	8.15	

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

Sakamoto, Minami (JPN) (2006)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)							*Kijima (2022) - national high school championships biomechanics data collection*				
date	06-Aug-22	time	7.29	12.40	18.26	24.79	24.79	7 / 7			
reaction time	0.160	interval		5.11	5.86	6.53		# of strides	12.40	12.39	0.01
wind	-1.2 m/s	velocity	6.86	9.78	8.53	7.66	8.07		8.06	8.07	

Seko, Nodoka (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)							*Abe (2008) - 61st high school championships: JAF scientific committee*				
date	01-Aug-08	time	6.65	12.30	18.31	24.80	24.80	/ 2			
reaction time		interval		5.65	6.01	6.49		# of strides	12.30	12.50	-0.20
wind	-2.4 m/s	velocity	7.52	8.85	8.32	7.70	8.06		8.13	8.00	

Tornemark, Pernilla (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2015 Windsprint (Sundsvall, SWE)							*(2015) - www.windsprint/Splittider/*				
date	26-Jul-15	time		12.60		24.80	24.80	4 / 1			
reaction time		interval				12.20		# of strides	12.60	12.20	0.40
wind	1.6 m/s	velocity		7.94		8.20	8.06		7.94	8.20	

Barber, Jade (USA) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	03-May-17	time	6.75	12.30	18.32	24.80	24.80	8 / 6			
reaction time		interval		5.55	6.02	6.48		# of strides	12.30	12.50	-0.20
wind	-0.5 m/s	velocity	7.41	9.01	8.31	7.72	8.06		8.13	8.00	

Seta, Hina (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)							*Takashima (2023) - national high school sports festival - biomechanics data*				
date	05-Aug-23	time	7.02	12.80	18.63	24.80	24.80	9 / 8			
reaction time	0.304	interval		5.78	5.83	6.17		# of strides	12.80	12.00	0.80
wind	0.2 m/s	velocity	7.12	8.65	8.58	8.10	8.06		7.81	8.33	

Watanabe, Misato (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)							*Abe (2008) - 61st high school championships: JAF scientific committee*				
date	01-Aug-08	time	6.72	12.30	18.32	24.81	24.81	/ 3			
reaction time		interval		5.58	6.02	6.49		# of strides	12.30	12.51	-0.21
wind	-2.4 m/s	velocity	7.44	8.96	8.31	7.70	8.06		8.13	7.99	

Yamada, Akari (JPN) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Japanese National High School Championships (Nara, JPN)							*Matsuo (2009) - 62nd high school championships: JAF scientific committee*				
date	01-Aug-09	time		12.53	18.49	24.81	24.81	1 / 8			
reaction time		interval			5.96	6.32		# of strides	12.53	12.28	0.25
wind	0.3 m/s	velocity		7.98	8.39	7.91	8.06		7.98	8.14	

Táborská, Monika (CZE) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.68	12.20	18.19	24.81	24.81	2 / 4			
reaction time	0.160	interval		5.52	5.99	6.62		# of strides	12.20	12.61	-0.41
wind	-1.2 m/s	velocity	7.49	9.06	8.35	7.55	8.06		8.20	7.93	

Tornemark, Pernilla (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		12.55		24.81	24.81	3 / 3			
reaction time		interval				12.26		# of strides	12.55	12.26	0.29
wind	1.8 m/s	velocity		7.97		8.16	8.06		7.97	8.16	

Aoyama, Seika (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National Championships (Niigata, JPN)							*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date	27-Jun-15	time	7.08	12.79	18.53	24.81	24.81	5 / 8			
reaction time	0.245	interval		5.71	5.74	6.28		# of strides	12.79	12.02	0.77
wind	0.1 m/s	velocity	7.06	8.76	8.71	7.96	8.06	102.0	7.82	8.32	

Miyake, Marina (JPN) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)							*Enomoto (2015) - 68th high school championships: JAF scientific committee*				
date	01-Aug-15	time	6.65	12.42	18.37	24.81	24.81	2 / 6			
reaction time		interval		5.77	5.95	6.44		# of strides	12.42	12.39	0.03
wind	-3.4 m/s	velocity	7.52	8.67	8.40	7.76	8.06		8.05	8.07	

Ishikawa, Yuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shimane High School Championships (Izumo, JPN)								*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	28-May-17	time		12.53		24.81	24.81	7 / 1			
reaction time		interval				12.28		# of strides	12.53	12.28	0.25
wind	-1.3 m/s	velocity		7.98		8.14	8.06		7.98	8.14	

Matsunaga, Tomoko (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.84	12.49	18.42	24.81	24.81	1 / 6			
reaction time	0.157	interval		5.65	5.93	6.39		# of strides	12.49	12.32	0.17
wind	1.5 m/s	velocity	7.31	8.85	8.43	7.82	8.06		8.01	8.12	

Yamasaki, Yuki (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)								*Matsubayashi (2019) - research on athlete performance and technique*			
date	08-Jun-19	time	6.81	12.44	18.38	24.81	24.81	6 / 2			
reaction time		interval		5.63	5.94	6.43		# of strides	12.44	12.37	0.07
wind	3.2 m/s	velocity	7.34	8.88	8.42	7.78	8.06		8.04	8.08	

Yamasaki, Yuki (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagasu, JPN)								*Nagasu (2020) - research athlete performance technique- 2020 databook*			
date	26-Sep-20	time	6.78	12.42	18.34	24.81	24.81	5 / 1			
reaction time		interval		5.64	5.92	6.47		# of strides	12.42	12.39	0.03
wind	1.1 m/s	velocity	7.37	8.87	8.45	7.73	8.06		8.05	8.07	

Krizsán, Xénia (HUN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)								*Timing by Seiko (2022) - world athletics championships race analysis*			
date	17-Jul-22	time		12.53		24.82	24.82	6 / 6			
reaction time	0.143	interval				12.29		# of strides	12.53	12.29	0.24
wind	1.5 m/s	velocity		7.98		8.14	8.06	93.2	7.98	8.14	

Nana Djimou, Antoinette (FRA) (1985			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.71	12.25	18.22	24.83	24.83	2 / 1			
reaction time	0.170	interval		5.54	5.97	6.61		# of strides	12.25	12.58	-0.33
wind	-0.3 m/s	velocity	7.45	9.03	8.38	7.56	8.05		8.16	7.95	

Hrívnová, Pavla (CZE) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.94	12.50	18.37	24.83	24.83	5 / 2			
reaction time	0.255	interval		5.56	5.87	6.46		# of strides	12.50	12.33	0.17
wind	-1.1 m/s	velocity	7.20	8.99	8.52	7.74	8.05		8.00	8.11	

Aoyama, Seika (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)								*Takahashi (2017) - 200m running performance analysis in the 2017 season*			
date	03-May-17	time	6.79	12.55	18.47	24.83	24.83	3 / 7			
reaction time		interval		5.76	5.92	6.36		# of strides	12.55	12.28	0.27
wind	-0.5 m/s	velocity	7.36	8.68	8.45	7.86	8.05		7.97	8.14	

Gamo, Marin (JPN) (2003)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Japanese U20 National Championships (Osaka, JPN)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*			
date	27-Jun-21	time	6.86	12.49	18.41	24.84	24.84	9 / 4			
reaction time	0.147	interval		5.63	5.92	6.43		# of strides	12.49	12.35	0.14
wind	-0.4 m/s	velocity	7.29	8.88	8.45	7.78	8.05	105.5	8.01	8.10	

Eich, Katharina (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Youth Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	08-Aug-10	time		12.82	18.65	24.86	24.86	/ 1			
reaction time		interval			5.83	6.21		# of strides	12.82	12.04	0.78
wind	0.7 m/s	velocity		7.80	8.58	8.05	8.05		7.80	8.31	

Meyer, Lea Madlen (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	08-Aug-10	time		12.65	18.52	24.86	24.86	/ 7			
reaction time		interval			5.87	6.34		# of strides	12.65	12.21	0.44
wind	-0.2 m/s	velocity		7.91	8.52	7.89	8.05		7.91	8.19	

Utsunomiya, Eri (JPN) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)						*Matsubayashi (2019) - research on athlete performance and technique*			
date 08-Jun-19	time	6.77	12.46	18.46	24.88	24.88	5 / 3			
reaction time	interval		5.69	6.00	6.42		# of strides	12.46	12.42	0.04
wind 3.2 m/s	velocity	7.39	8.79	8.33	7.79	8.04		8.03	8.05	

Huang Ziting (CHN) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)						*Shandong Athletics Sport Science (2023)*			
date 27-May-23	time		12.41	18.39	24.88	24.88	6 / 2			
reaction time 0.171	interval			5.98	6.49		# of strides	12.41	12.47	-0.06
wind -1.3 m/s	velocity		8.06	8.36	7.70	8.04	102.5	8.06	8.02	

Fujii, Ayano (JPN) (1998)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)						*Kota (2016) - 69th high school championships: JAF scientific committee*			
date 01-Aug-16	time	6.75	12.54	18.47	24.89	24.89	2 / 8			
reaction time 0.190	interval		5.79	5.93	6.42		# of strides	12.54	12.35	0.19
wind 1.2 m/s	velocity	7.41	8.64	8.43	7.79	8.04		7.97	8.10	

Yuaza, Kanako (JPN) (1997)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)						*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date 01-Aug-15	time	6.65	12.45	18.40	24.89	24.89	9 / 7			
reaction time	interval		5.80	5.95	6.49		# of strides	12.45	12.44	0.01
wind -3.4 m/s	velocity	7.52	8.62	8.40	7.70	8.04		8.03	8.04	

Miura, Yuna (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 25-Oct-20	time	6.79	12.47	18.43	24.89	24.89	2 / 5			
reaction time 0.188	interval		5.68	5.96	6.46		# of strides	12.47	12.42	0.05
wind 1.7 m/s	velocity	7.36	8.80	8.39	7.74	8.04	107.8	8.02	8.05	

Nuijten, Femke (NED) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2024 FBK Games (Hengelo, NED)						*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24	time	6.73	12.44	18.42	24.89	24.89	4 / 5			
reaction time 0.175	interval		5.71	5.98	6.47		# of strides	12.44	12.45	-0.01
wind -0.3 m/s	velocity	7.43	8.76	8.36	7.73	8.04		8.04	8.03	

Tomoko, Inada (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2007 Japanese National High School Championships (Saga, JPN)						*Hatoda (2007) - 60st high school championships: JAF scientific committee- biomechanics*			
date 04-Aug-07	time	6.75	12.41	18.49	24.90	24.90	5 / 1			
reaction time	interval		5.66	6.08	6.41		# of strides	12.41	12.49	-0.08
wind -2.1 m/s	velocity	7.41	8.83	8.22	7.80	8.03		8.06	8.01	

Ichikawa, Kana (JPN) (1991)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)						*Abe (2008) - 61st high school championships: JAF scientific committee*			
date 01-Aug-08	time	6.78	12.45	18.49	24.90	24.90	/ 4			
reaction time	interval		5.67	6.04	6.41		# of strides	12.45	12.45	0.00
wind -2.4 m/s	velocity	7.37	8.82	8.28	7.80	8.03		8.03	8.03	

Saito, Manami (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)						*Kota (2017) - 70th high school championships: JAF scientific committee*			
date 01-Aug-17	time	6.71	12.49	18.39	24.90	24.90	2 / 8			
reaction time 0.159	interval		5.78	5.90	6.51		# of strides	12.49	12.41	0.08
wind -0.2 m/s	velocity	7.45	8.65	8.47	7.68	8.03		8.01	8.06	

Muraki, Mirei (JPN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)						*Ryutaro (2018) - research on athlete performance and technique*			
date 21-Oct-18	time	6.87	12.56	18.50	24.90	24.90	7 / 7			
reaction time 0.169	interval		5.69	5.94	6.40		# of strides	12.56	12.34	0.22
wind 1.5 m/s	velocity	7.28	8.79	8.42	7.81	8.03		7.96	8.10	

Sato, Chihiro (JPN) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)						*Ryuta (2019) - research on athlete performance and technique- 2019 data book*			
date 20-Oct-19	time	6.88	12.60	18.59	24.90	24.90	1 / 7			
reaction time 0.182	interval		5.72	5.99	6.31		# of strides	12.60	12.30	0.30
wind -1.3 m/s	velocity	7.27	8.74	8.35	7.92	8.03	102.0	7.94	8.13	

Sotáková, Jana (CZE) (1993)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)					*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date 16-Jun-13 time	6.82	12.43	18.39	24.91	24.91	1 / 7			
reaction time 0.153 interval		5.61	5.96	6.52		# of strides	12.43	12.48	-0.05
wind 0.3 m/s velocity	7.33	8.91	8.39	7.67	8.03		8.05	8.01	

Grimm, Vanessa (GER) (1997)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 19-Aug-23 time		12.58		24.91	24.91	9 / 5			
reaction time 0.205 interval				12.33		# of strides	12.58	12.33	0.25
wind -0.1 m/s velocity		7.95		8.11	8.03	97.0	7.95	8.11	

Gochenour-Brondyke, Alex (USA) (19	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 USA Olympic Trials (Eugene, OR)					*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*				
date 23-Jun-24 time	6.85	12.67	18.49	24.91	24.91	9 / 1			
reaction time interval		5.82	5.82	6.42		# of strides	12.67	12.24	0.43
wind 1.1 m/s velocity	7.30	8.59	8.59	7.79	8.03		7.89	8.17	

Johansson, Malin (SWE) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
D FINAL - 2014 Windsprint (Sundsvall, SWE)					*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date 20-Jul-14 time		12.76		24.92	24.92	2 / 2			
reaction time interval				12.16	PB	# of strides	12.76	12.16	0.60
wind 2.0 m/s velocity		7.84		8.22	8.03		7.84	8.22	

Miyake, Naoka (JPN) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)					*Takahashi (2015) - 200m race analysis of Japanese and the World best of 2015*				
date 18-Apr-15 time	6.88	12.63	18.55	24.92	24.92	2 / 8			
reaction time interval		5.75	5.92	6.37		# of strides	12.63	12.29	0.34
wind 1.7 m/s velocity	7.27	8.70	8.45	7.85	8.03	103.7	7.92	8.14	

Aoyama, Seika (JPN) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2018 Shizuoka International Meeting (Fukuroi, JPN)					*Ryutaro (2018) - research on athlete performance and technique- 2018 data book*				
date 03-May-18 time	6.95	12.68	18.59	24.92	24.92	8 / 8			
reaction time 0.253 interval		5.73	5.91	6.33		# of strides	12.68	12.24	0.44
wind 0.6 m/s velocity	7.19	8.73	8.46	7.90	8.03		7.89	8.17	

Krizsán, Xénia (HUN) (1993)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)					*Paris 2024 Olympic Games - Results Book (2024)*				
date 08-Aug-24 time	6.77	12.46	18.46	24.92	24.92	4 / 5			
reaction time 0.163 interval		5.69	6.00	6.46		# of strides	12.46	12.46	0.00
wind 0.2 m/s velocity	7.39	8.79	8.33	7.74	8.03	92.2	8.03	8.03	

Banno, Rio (JPN) (1990)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)					*Abe (2008) - 61st high school championships: JAF scientific committee*				
date 01-Aug-08 time	6.68	12.37	18.48	24.93	24.93	/ 5			
reaction time interval		5.69	6.11	6.45		# of strides	12.37	12.56	-0.19
wind -2.4 m/s velocity	7.49	8.79	8.18	7.75	8.02		8.08	7.96	

Jansen, Ruby (NED) (2007)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2024 FBK Games (Hengelo, NED)					*Omega Timing (2024) - continental tour gold race analysis*				
date 07-Jul-24 time	6.94	12.53	18.45	24.93	24.93	5 / 6			
reaction time 0.171 interval		5.59	5.92	6.48		# of strides	12.53	12.40	0.13
wind -0.3 m/s velocity	7.20	8.94	8.45	7.72	8.02		7.98	8.06	

Takenaka, Hikaru (JPN) (1993)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)					*Matsuo (2010) - 63rd high school championships: JAF scientific committee*				
date 01-Aug-10 time	7.06	12.91	18.74	24.94	24.94	/ 3			
reaction time interval		5.85	5.83	6.20		# of strides	12.91	12.03	0.88
wind 1.0 m/s velocity	7.08	8.55	8.58	8.06	8.02		7.75	8.31	

Oshiro, Juri (JPN) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Japanese National Youth (U18) Championships (Nagano, JPN)					*Ryutaro (2018) - research on athlete performance and technique*				
date 21-Oct-18 time	6.79	12.45	18.41	24.94	24.94	2 / 8			
reaction time 0.168 interval		5.66	5.96	6.53		# of strides	12.45	12.49	-0.04
wind 1.5 m/s velocity	7.36	8.83	8.39	7.66	8.02		8.03	8.01	

Kazuka, Esumi (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Shimane High School Championships (Izumo, JPN)								*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time		12.50	18.51	24.94	24.94	5 / 3			
reaction time		interval			6.01	6.43		# of strides	12.50	12.44	0.06
wind	1.0 m/s	velocity		8.00	8.32	7.78	8.02		8.00	8.04	

Mathes, Larissa (GER) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Junior Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	07-Aug-10	time		12.47	18.41	24.95	24.95	/ 2			
reaction time		interval			5.94	6.54		# of strides	12.47	12.48	-0.01
wind	-0.2 m/s	velocity		8.02	8.42	7.65	8.02		8.02	8.01	

Sasaki, Nao (JPN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)								*Kijima (2022) - national high school championships biomechanics data collection*			
date	06-Aug-22	time	7.42	12.50	18.35	24.95	24.95	2 / 8			
reaction time	0.177	interval		5.08	5.85	6.60		# of strides	12.50	12.45	0.05
wind	-1.2 m/s	velocity	6.74	9.84	8.55	7.58	8.02		8.00	8.03	

Hablitzel, Sophia (GER) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Junior Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	07-Aug-10	time		12.73	18.61	24.96	24.96	/ 3			
reaction time		interval			5.88	6.35		# of strides	12.73	12.23	0.50
wind	-0.2 m/s	velocity		7.86	8.50	7.87	8.01		7.86	8.18	

Ström, Malin (SWE) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2015 Windsprint (Sundsvall, SWE)								*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time		12.61		24.96	24.96	6 / 2			
reaction time		interval				12.35		# of strides	12.61	12.35	0.26
wind	1.6 m/s	velocity		7.93		8.10	8.01		7.93	8.10	

Kitano, Yuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)								*Abe (2011) - 64th high school championships: JAF scientific committee*			
date	06-Aug-11	time	7.01	13.60	18.42	24.97	24.97	/ 7			
reaction time		interval		6.59	4.82	6.55		# of strides	13.60	11.37	2.23
wind	0.0 m/s	velocity	7.13	7.59	10.37	7.63	8.01		7.35	8.80	

Iwadate, Hanae (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)								*Abe (2008) - 61st high school championships: JAF scientific committee*			
date	01-Aug-08	time	6.82	12.48	18.54	24.97	24.97	/ 6			
reaction time		interval		5.66	6.06	6.43		# of strides	12.48	12.49	-0.01
wind	-2.4 m/s	velocity	7.33	8.83	8.25	7.78	8.01		8.01	8.01	

O'Dowda, Jade (GBR) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)								*Paris 2024 Olympic Games - Results Book (2024)*			
date	08-Aug-24	time	6.72	12.35	18.38	24.97	24.97	7 / 6			
reaction time	0.205	interval		5.63	6.03	6.59		# of strides	12.35	12.62	-0.27
wind	0.2 m/s	velocity	7.44	8.88	8.29	7.59	8.01	95.2	8.10	7.92	

McNair, Bianca (USA) (1984)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)								*USATF Women's Sprint Development (2003)*			
date	21-Jun-03	time	6.99	12.84	18.61	24.99	24.99	9 / 9			
reaction time		interval		5.85	5.77	6.38		# of strides	12.84	12.15	0.69
wind	-1.5 m/s	velocity	7.15	8.55	8.67	7.84	8.00		7.79	8.23	

Sneen, Siv (NOR) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2012 Windsprint (Sundsvall, SWE)								*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time		12.76		24.99	24.99	/ 1			
reaction time		interval				12.23		# of strides	12.76	12.23	0.53
wind	0.1 m/s	velocity		7.84		4.00	8.00		7.84	8.18	

Yamasaki, Yuki (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)								*Takefu (2023) - performance analysis of heptathletes in the 2022 season*			
date	30-Apr-22	time	6.75	12.34	18.35	24.99	24.99	2 / 1			
reaction time	0.181	interval		5.59	6.01	6.64		# of strides	12.34	12.65	-0.31
wind	-1.5 m/s	velocity	7.41	8.94	8.32	7.53	8.00		8.10	7.91	

Noruwa, Abigail (NED) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2024 FBK Games (Hengelo, NED)								*Omega Timing (2024) - continental tour gold race analysis*			
date	07-Jul-24	time	6.92	12.52	18.47	24.99	24.99	3 / 7			
reaction time	0.213	interval		5.60	5.95	6.52		# of strides	12.52	12.47	0.05
wind	-0.3 m/s	velocity	7.23	8.93	8.40	7.67	8.00		7.99	8.02	

Carmichael, Nicole (USA) (1977)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 1996 USATF National Junior Championships (Delaware, OH)								*USATF Women's Sprint Development (1996)*			
date	29-Jun-96	time	6.86	12.34		25.01	25.01	8 / 5			
reaction time		interval		5.48		12.67		# of strides	12.34	12.67	-0.33
wind	-1.3 m/s	velocity	7.29	9.12		7.89	8.00		8.10	7.89	

Nouiri, Houda (MAR) (1998)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	7.01	12.77	18.67	25.01	25.01	6 / 3			
reaction time	0.234	interval		5.76	5.90	6.34	PB	# of strides	12.77	12.24	0.53
wind	1.4 m/s	velocity	7.13	8.68	8.47	7.89	8.00		7.83	8.17	

Dobrynska, Nataliya (UKR) (1982)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.83	12.39	18.41	25.02	25.02	4 / 6			
reaction time	0.198	interval		5.56	6.02	6.61		# of strides	12.39	12.63	-0.24
wind	-0.2 m/s	velocity	7.32	8.99	8.31	7.56	7.99		8.07	7.92	

Schmidt, Annika (GER) (1983)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2010 German National Junior Championships (Ulm, GER)								*Graubner (2010) - http://www.fgs.uni-halle.de*			
date	07-Aug-10	time		12.64	18.57	25.02	25.02	/ 5			
reaction time		interval			5.93	6.45		# of strides	12.64	12.38	0.26
wind	-0.1 m/s	velocity		7.91	8.43	7.75	7.99		7.91	8.08	

Janoušová, Jana (CZE) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.72	12.39	18.30	25.02	25.02	2 / 4			
reaction time	0.176	interval		5.67	5.91	6.72		# of strides	12.39	12.63	-0.24
wind	-0.3 m/s	velocity	7.44	8.82	8.46	7.44	7.99		8.07	7.92	

Cambours, Léonie (FRA) (2000)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.79		25.03	25.03	7 / 2			
reaction time	0.167	interval				12.24		# of strides	12.79	12.24	0.55
wind	-0.1 m/s	velocity		7.82		8.17	7.99	101.0	7.82	8.17	

Züblin, Linda (SUI) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	6.73	12.31	18.32	25.04	25.04	6 / 7			
reaction time	0.175	interval		5.58	6.01	6.72		# of strides	12.31	12.73	-0.42
wind	-0.2 m/s	velocity	7.43	8.96	8.32	7.44	7.99		8.12	7.86	

Mazáčová, Iveta (CZE) (1986)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report men's & women's Czech Republic national champs*			
date	16-Jun-13	time	6.67	12.29	17.85	25.04	25.04	3 / 5			
reaction time	0.241	interval		5.62	5.56	7.19		# of strides	12.29	12.75	-0.46
wind	-0.3 m/s	velocity	7.50	8.90	8.99	6.95	7.99		8.14	7.84	

Turpin, Esther (FRA) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.67		25.04	25.04	2 / 6			
reaction time	0.208	interval				12.37		# of strides	12.67	12.37	0.30
wind	-0.1 m/s	velocity		7.89		8.08	7.99	97.0	7.89	8.08	

Nemes, Rita (HUN) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		12.67		25.04	25.04	4 / 7			
reaction time	0.150	interval				12.37		# of strides	12.67	12.37	0.30
wind	-0.1 m/s	velocity		7.89		8.08	7.99	93.7	7.89	8.08	

Hashizume, Sakina (JPN) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)								*Abe (2011) - 64th high school championships: JAF scientific committee*			
date	06-Aug-11	time	7.08	13.74	18.57	25.06	25.06	/ 8			
reaction time		interval		6.66	4.83	6.49		# of strides	13.74	11.32	2.42
wind	0.0 m/s	velocity	7.06	7.51	10.35	7.70	7.98		7.28	8.83	

Shimura, Hitomi (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)								*Takahashi (2018) - 200m Running Performance Analysis of Top Athletes in 2018*			
date	22-Sep-18	time	6.75	12.44	18.46	25.06	25.06	5 / 8			
reaction time	0.199	interval		5.69	6.02	6.60		# of strides	12.44	12.62	-0.18
wind	0.2 m/s	velocity	7.41	8.79	8.31	7.58	7.98		8.04	7.92	

Rivers, Theodoesha (USA) (1979)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 1996 USATF National Junior Championships (Delaware, OH)								*USATF Women's Sprint Development (1996)*			
date	29-Jun-96	time	6.95	12.61		25.07	25.07	3 / 6			
reaction time		interval		5.66		12.46		# of strides	12.61	12.46	0.15
wind	-1.3 m/s	velocity	7.19	8.83		8.03	7.98		7.93	8.03	

Hellberg-Jonsén, Sofia (SWE) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2014 Windsprint (Sundsvall, SWE)								*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time		12.52		25.07	25.07	2 / 2			
reaction time		interval				12.55		# of strides	12.52	12.55	-0.03
wind	1.6 m/s	velocity		7.99		7.97	7.98		7.99	7.97	

Sano, Fuyumi (JPN) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 Japanese National High School Championships (Saga, JPN)								*Hitorara (2007) - 60st high school championships: JAF scientific committee*			
date	04-Aug-07	time	6.79	12.58	18.72	25.08	25.08	1 / 2			
reaction time		interval		5.79	6.14	6.36		# of strides	12.58	12.50	0.08
wind	-2.1 m/s	velocity	7.36	8.64	8.14	7.86	7.97		7.95	8.00	

Sakiyama, Ayaka (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2007 Japanese National High School Championships (Saga, JPN)								*Hitorara (2007) - 60st high school championships: JAF scientific committee*			
date	04-Aug-07	time	6.71	12.40	18.55	25.08	25.08	6 / 3			
reaction time		interval		5.69	6.15	6.53		# of strides	12.40	12.68	-0.28
wind	-2.1 m/s	velocity	7.45	8.79	8.13	7.66	7.97		8.06	7.89	

Yamada, Miku (JPN) (1999)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Japanese National Junior (U20) Championships (Nagano, JPN)								*Ryutaro (2018) - research on athlete performance and technique*			
date	21-Oct-18	time	6.98	12.70	18.62	25.08	25.08	1 / 8			
reaction time	0.192	interval		5.72	5.92	6.46		# of strides	12.70	12.38	0.32
wind	1.5 m/s	velocity	7.16	8.74	8.45	7.74	7.97		7.87	8.08	

Kitamura, Chisato (JPN) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)								*Abe (2008) - 61st high school championships: JAF scientific committee*			
date	01-Aug-08	time	6.92	12.68	18.70	25.09	25.09	/ 7			
reaction time		interval		5.76	6.02	6.39		# of strides	12.68	12.41	0.27
wind	-2.4 m/s	velocity	7.23	8.68	8.31	7.82	7.97		7.89	8.06	

Miyatake, Abidarari (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Ryuma (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.88	12.59	18.68	25.09	25.09	6 / 8			
reaction time	0.199	interval		5.71	6.09	6.41		# of strides	12.59	12.50	0.09
wind	-1.3 m/s	velocity	7.27	8.76	8.21	7.80	7.97	103.0	7.94	8.00	

Kato, Shiori (JPN) (2001)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)								*Ryuma (2019) - research on athlete performance and technique- 2019 data book*			
date	20-Oct-19	time	6.86	12.57	18.60	25.09	25.09	8 / 7			
reaction time	0.183	interval		5.71	6.03	6.49		# of strides	12.57	12.52	0.05
wind	-0.8 m/s	velocity	7.29	8.76	8.29	7.70	7.97	105.0	7.96	7.99	

Jiang Yiran (CHN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		12.76	18.71	25.09	25.09	5 / 2			
reaction time	0.215	interval			5.95	6.38		# of strides	12.76	12.33	0.43
wind	0.6 m/s	velocity		7.84	8.40	7.84	7.97	105.0	7.84	8.11	

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Wada, Maki (JPN) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shizuoka International Meeting (Fukuroi, JPN)							*Takahashi (2017) - 200m running performance analysis in the 2017 season*				
date	03-May-17	time	6.58	12.31	18.40	25.10	25.10	2 / 8			
reaction time		interval		5.73	6.09	6.70		# of strides	12.31	12.79	-0.48
wind	-0.5 m/s	velocity	7.60	8.73	8.21	7.46	7.97		8.12	7.82	

Humpolíková, Pavla (CZE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	7.05	12.69	18.67	25.10	25.10	6 / 3			
reaction time	0.268	interval		5.64	5.98	6.43		# of strides	12.69	12.41	0.28
wind	-1.1 m/s	velocity	7.09	8.87	8.36	7.78	7.97		7.88	8.06	

Hemphill, Megu (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)							*Takefu (2023) - performance analyisis of heptathletes in the 2022 season*				
date	30-Apr-22	time	6.73	12.28	18.32	25.10	25.10	7 / 2			
reaction time	0.165	interval		5.55	6.04	6.78		# of strides	12.28	12.82	-0.54
wind	-1.5 m/s	velocity	7.43	9.01	8.28	7.37	7.97		8.14	7.80	

Iwatsubo, Yuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)							*Aya (2008) - 61st high school championships: JAF scientific committee- biomechanics*				
date	01-Aug-08	time	6.88	12.57	18.60	25.11	25.11	/ 8			
reaction time		interval		5.69	6.03	6.51		# of strides	12.57	12.54	0.03
wind	-2.4 m/s	velocity	7.27	8.79	8.29	7.68	7.96		7.96	7.97	

Hofmanová, Martina (CZE) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	6.86	12.50	18.55	25.12	25.12	7 / 4			
reaction time	0.223	interval		5.64	6.05	6.57		# of strides	12.50	12.62	-0.12
wind	-1.1 m/s	velocity	7.29	8.87	8.26	7.61	7.96		8.00	7.92	

Eurenius, Isabelle (SWE) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2007 Windsprint (Sundsvall, SWE)							*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date	24-Jul-07	time		12.57	18.55	25.14	25.14	2 / 4			
reaction time		interval			5.98	6.59	**PB**	# of strides	12.57	12.57	0.00
wind	2.0 m/s	velocity		7.96	8.36	7.59	7.96		7.96	7.96	

John, Viviane (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 German National Youth Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	08-Aug-10	time		12.71	18.60	25.14	25.14	/ 8			
reaction time		interval			5.89	6.54		# of strides	12.71	12.43	0.28
wind	-0.2 m/s	velocity		7.87	8.49	7.65	7.96		7.87	8.05	

Day, Sharon (USA) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time	6.84	12.48	18.55	25.15	25.15	7 / 3			
reaction time	0.232	interval		5.64	6.07	6.60		# of strides	12.48	12.67	-0.19
wind	-0.3 m/s	velocity	7.31	8.87	8.24	7.58	7.95		8.01	7.89	

Grønneberg, Alvilde (NOR) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		12.86		25.15	25.15	4 / 3			
reaction time		interval				12.29		# of strides	12.86	12.29	0.57
wind	1.6 m/s	velocity		7.78		8.14	7.95		7.78	8.14	

Moriyama, Rin (JPN) (2002)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2020 Shimane High School Championships (Izumo, JPN)							*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*				
date	12-Jul-20	time		12.70	18.69	25.15	25.15	6 / 1			
reaction time		interval			5.99	6.46		# of strides	12.70	12.45	0.25
wind	2.5 m/s	velocity		7.87	8.35	7.74	7.95		7.87	8.03	

Kong Lingwei (CHN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Chinese National Championships (Chongqing, CHN)							*CAA Hurdle Development (2021)*				
date	27-Jun-21	time		12.55	18.47	25.15	25.15	3 / 5			
reaction time	0.221	interval			5.92	6.68		# of strides	12.55	12.60	-0.05
wind	-0.2 m/s	velocity		7.97	8.45	7.49	7.95	99.7	7.97	7.94	

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Zamzow-Mahler, Ashtin (USA) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 17-Jul-22	time	12.25		25.15	25.15	7 / 7			
reaction time 0.170	interval			12.90		# of strides	12.25	12.90	-0.65
wind 1.5 m/s	velocity	8.16		7.75	7.95	102.0	8.16	7.75	

Slettum, Elisabeth (NOR) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2012 Windsprint (Sundsvall, SWE)						*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time	12.83		25.16	25.16	/ 3			
reaction time	interval			12.33		# of strides	12.83	12.33	0.50
wind 1.9 m/s	velocity	7.79		3.97	7.95		7.79	8.11	

Hässel, Julia (SWE) (1994)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
C FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time	12.65		25.16	25.16	3 / 4			
reaction time	interval			12.51		# of strides	12.65	12.51	0.14
wind 1.6 m/s	velocity	7.91		7.99	7.95		7.91	7.99	

Krizsán, Xénia (HUN) (1993)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 19-Aug-23	time	12.71		25.16	25.16	4 / 3			
reaction time 0.175	interval			12.45		# of strides	12.71	12.45	0.26
wind -0.1 m/s	velocity	7.87		8.03	7.95	94.0	7.87	8.03	

Nagato, Tomoka (JPN)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2018 Shimane High School Championships (Izumo, JPN)						*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-18	time	12.59		25.17	25.17	5 / 1			
reaction time	interval			12.58		# of strides	12.59	12.58	0.01
wind 0.8 m/s	velocity	7.94		7.95	7.95		7.94	7.95	

Montijn, Valéria (NED) (2002)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2024 FBK Games (Hengelo, NED)						*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24	time 6.85	12.58	18.58	25.17	25.17	1 / 8			
reaction time 0.209	interval	5.73	6.00	6.59		# of strides	12.58	12.59	-0.01
wind -0.3 m/s	velocity 7.30	8.73	8.33	7.59	7.95		7.95	7.94	

Hemphill, Megu (JPN) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)						*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18	time 6.92	12.61	18.63	25.20	25.20	6 / 4			
reaction time	interval	5.69	6.02	6.57		# of strides	12.61	12.59	0.02
wind 2.2 m/s	velocity 7.23	8.79	8.31	7.61	7.94		7.93	7.94	

Kato, Shiori (JPN) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)						*Takahasi (2020) - 200m race analysis of top japanese sprinters in 2020*			
date 25-Oct-20	time 6.85	12.66	18.77	25.20	25.20	4 / 6			
reaction time 0.187	interval	5.81	6.11	6.43		# of strides	12.66	12.54	0.12
wind 1.7 m/s	velocity 7.30	8.61	8.18	7.78	7.94	108.4	7.90	7.97	

Xu Zihan (CHN) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)						*Shandong Athletics Sport Science (2022)*			
date 03-Sep-22	time	12.46	18.57	25.20	25.20	6 / 3			
reaction time 0.207	interval		6.11	6.63	PB	# of strides	12.46	12.74	-0.28
wind 0.6 m/s	velocity	8.03	8.18	7.54	7.94	106.0	8.03	7.85	

Burns, Shaina (USA) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2024 USA Olympic Trials (Eugene, OR)						*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*			
date 23-Jun-24	time 6.88	12.77	18.66	25.20	25.20	8 / 1			
reaction time	interval	5.89	5.89	6.54		# of strides	12.77	12.43	0.34
wind 1.8 m/s	velocity 7.27	8.49	8.49	7.65	7.94		7.83	8.05	

Assel, Anna Lena (GER) (1991)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)						*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time	12.83	18.76	25.21	25.21	/ 6			
reaction time	interval		5.93	6.45		# of strides	12.83	12.38	0.45
wind -0.1 m/s	velocity	7.79	8.43	7.75	7.93		7.79	8.08	

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Montler, Estelle (SWE) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2015 Windsprint (Sundsvall, SWE)									*(2015) - www.windsprint/Splittider/*		
date	26-Jul-15	time		12.90		25.21	25.21	5 / 3			
reaction time		interval				12.31		# of strides	12.90	12.31	0.59
wind	1.6 m/s	velocity		7.75		8.12	7.93		7.75	8.12	

Hemphill, Megu (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN)									*Takefu (2023) - performance analyisis of heptathletes in the 2022 season*		
date	04-Jun-22	time	6.93	12.66	18.67	25.21	25.21	5 / 1			
reaction time		interval		5.73	6.01	6.54		# of strides	12.66	12.55	0.11
wind	0.9 m/s	velocity	7.22	8.73	8.32	7.65	7.93		7.90	7.97	

Yamasaki, Yuki (JPN) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)									*Matsubayashi (2018) - research on athlete performance and technique*		
date	21-Apr-18	time	6.75	12.47	18.33	25.22	25.22	3 / 2			
reaction time		interval		5.72	5.86	6.89		# of strides	12.47	12.75	-0.28
wind	-0.4 m/s	velocity	7.41	8.74	8.53	7.26	7.93		8.02	7.84	

Kramer, Hannah (GER) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Junior Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	07-Aug-10	time		12.72	18.73	25.26	25.26	/ 4			
reaction time		interval			6.01	6.53		# of strides	12.72	12.54	0.18
wind	-0.2 m/s	velocity		7.86	8.32	7.66	7.92		7.86	7.97	

Tornemark, Pernilla (SWE) (1985)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2012 Windsprint (Sundsvall, SWE)									*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*		
date	17-Jun-12	time		12.81		25.27	25.27	/ 4			
reaction time		interval				12.46		# of strides	12.81	12.46	0.35
wind	1.9 m/s	velocity		7.81		3.96	7.91		7.81	8.03	

Kiriyama, Chie (JPN) (1991)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)									*Matsubayashi (2018) - research on athlete performance and technique*		
date	16-Jun-18	time	6.90	12.71	18.74	25.27	25.27	3 / 5			
reaction time		interval		5.81	6.03	6.53		# of strides	12.71	12.56	0.15
wind	2.2 m/s	velocity	7.25	8.61	8.29	7.66	7.91		7.87	7.96	

Hemphill, Megu (JPN) (1996)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)									*Matsubayashi (2020) - research athlete performance technique- 2020 databook*		
date	26-Sep-20	time	6.84	12.54	18.58	25.27	25.27	7 / 3			
reaction time		interval		5.70	6.04	6.69		# of strides	12.54	12.73	-0.19
wind	1.1 m/s	velocity	7.31	8.77	8.28	7.47	7.91		7.97	7.86	

Williams, Kendell (USA) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 2 - 2022 World Athletics Championships (Eugene, OR)									*Timing by Seiko (2022) - world athletics championships race analysis*		
date	17-Jul-22	time		12.63		25.27	25.27	6 / 8			
reaction time	0.153	interval				12.64		# of strides	12.63	12.64	-0.01
wind	1.4 m/s	velocity		7.92		7.91	7.91		7.92	7.91	

Häfele, Sabrina (GER) (1993)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Youth Championships (Ulm, GER)									*Graubner (2010) - http://www.fgs.uni-halle.de*		
date	08-Aug-10	time		12.98	18.89	25.28	25.28	/ 2			
reaction time		interval			5.91	6.39		# of strides	12.98	12.30	0.68
wind	0.7 m/s	velocity		7.70	8.46	7.82	7.91		7.70	8.13	

Grønnhaug, Stine Marie (NOR) (1992)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2012 Windsprint (Sundsvall, SWE)									*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*		
date	17-Jun-12	time		12.72		25.28	25.28	/ 2			
reaction time		interval				12.56		# of strides	12.72	12.56	0.16
wind	0.1 m/s	velocity		7.86		3.96	7.91		7.86	7.96	

Liu Qingyu (CHN) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)									*Shandong Athletics Sport Science (2023)*		
date	04-Jun-23	time		12.75	18.74	25.28	25.28	1 / 4			
reaction time	0.244	interval			5.99	6.54		# of strides	12.75	12.53	0.22
wind	-0.1 m/s	velocity		7.84	8.35	7.65	7.91	104.0	7.84	7.98	

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

Mochida, Kanon (JPN) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2020 Shimane High School Championships (Izumo, JPN)						*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 12-Jul-20	time		12.73	18.80	25.29	25.29	4 / 2			
reaction time	interval			6.07	6.49		# of strides	12.73	12.56	0.17
wind 2.5 m/s	velocity		7.86	8.24	7.70	7.91		7.86	7.96	

Fretzschner, Isabel (GER) (1992)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)						*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time		13.01	19.03	25.30	25.30	/ 7			
reaction time	interval			6.02	6.27		# of strides	13.01	12.29	0.72
wind -0.1 m/s	velocity		7.69	8.31	7.97	7.91		7.69	8.14	

Saito, Manami (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)						*Enomoto (2015) - 68th high school championships: JAF scientific committee*			
date 01-Aug-15	time	6.87	12.90	18.85	25.30	25.30	5 / 8			
reaction time	interval		6.03	5.95	6.45		# of strides	12.90	12.40	0.50
wind -3.4 m/s	velocity	7.28	8.29	8.40	7.75	7.91		7.75	8.06	

Moriyama, Nanae (JPN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2019 Japanese National U18/U20 Championships (Hiroshima, JPN)						*JAAF (2019) - research on athlete performance and technique- 2019 data book*			
date 20-Oct-19	time	6.88	12.69	18.71	25.30	25.30	1 / 8			
reaction time 0.159	interval		5.81	6.02	6.59		# of strides	12.69	12.61	0.08
wind -0.8 m/s	velocity	7.27	8.61	8.31	7.59	7.91	102.0	7.88	7.93	

Yuan Qiqi (CHN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)						*CAA Hurdle Development (2021)*			
date 12-Jun-21	time		12.43		25.30	25.30	2 / 6			
reaction time 0.199	interval				12.87		# of strides	12.43	12.87	-0.44
wind -0.2 m/s	velocity		8.05		7.77	7.91	119.7	8.05	7.77	

Yamasaki, Yuki (JPN) (1995)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptahlon - Heat 1 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)						*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date 22-Jun-24	time	6.76	12.44	18.66	25.30	25.30	6 / 1			
reaction time	interval		5.68	6.22	6.64		# of strides	12.44	12.86	-0.42
wind -1.9 m/s	velocity	7.40	8.80	8.04	7.53	7.91		8.04	7.78	

Atsuta, Kokoro (JPN) (2001)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptahlon - Heat 2 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)						*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date 22-Jun-24	time	6.74	12.52	18.67	25.30	25.30	6 / 1			
reaction time	interval		5.78	6.15	6.63		# of strides	12.52	12.78	-0.26
wind -1.6 m/s	velocity	7.42	8.65	8.13	7.54	7.91		7.99	7.82	

Sönnerfors, Marie (SWE) (1993)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
D FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		12.85		25.31	25.31	5 / 3			
reaction time	interval				12.46		# of strides	12.85	12.46	0.39
wind 2.0 m/s	velocity		7.78		8.03	7.90		7.78	8.03	

Huang Ziting (CHN) (2003)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2020 Chinese Olympic Trials (Shaoxing, CHN)						*CAA Hurdle Development (2021)*			
date 12-Jun-21	time		12.68		25.31	25.31	8 / 6			
reaction time 0.156	interval				12.63		# of strides	12.68	12.63	0.05
wind -0.4 m/s	velocity		7.89		7.92	7.90		7.89	7.92	

Odama, Karin (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN)						*Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*			
date 07-May-23	time	6.83	12.44	18.53	25.31	25.31	9 / 3			
reaction time 0.209	interval		5.61	6.09	6.78		# of strides	12.44	12.87	-0.43
wind -0.2 m/s	velocity	7.32	8.91	8.21	7.37	7.90		8.04	7.77	

De Aniceto, Marisa (FRA) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)						*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	6.82	12.59	18.72	25.32	25.32	2 / 3			
reaction time 0.187	interval		5.77	6.13	6.60		# of strides	12.59	12.73	-0.14
wind -0.3 m/s	velocity	7.33	8.67	8.16	7.58	7.90		7.94	7.86	

Štychová, Martina (CZE) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)					*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date 16-Jun-13	time	7.04	12.73	18.77	25.32	25.32	6 / 5			
reaction time 0.214	interval		5.69	6.04	6.55		# of strides	12.73	12.59	0.14
wind -1.2 m/s	velocity	7.10	8.79	8.28	7.63	7.90		7.86	7.94	

Isaksen, Iren Vevatne (NOR) (1985)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2012 Windsprint (Sundsvall, SWE)					*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*				
date 17-Jun-12	time		12.70		25.33	25.33	/ 5			
reaction time	interval				12.63		# of strides	12.70	12.63	0.07
wind 1.9 m/s	velocity		7.87		3.95	7.90		7.87	7.92	

Tomb, Stine (NOR) (1986)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2014 Windsprint (Sundsvall, SWE)					*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date 20-Jul-14	time		12.71		25.33	25.33	5 / 4			
reaction time	interval				12.62		# of strides	12.71	12.62	0.09
wind 1.8 m/s	velocity		7.87		7.92	7.90		7.87	7.92	

Qiu Xiao (CHN) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)					*Shandong Athletics Sport Science (2022)*				
date 03-Sep-22	time		12.71	18.77	25.34	25.34	3 / 4			
reaction time 0.292	interval			6.06	6.57	PB	# of strides	12.71	12.63	0.08
wind 0.6 m/s	velocity		7.87	8.25	7.61	7.89	102.2	7.87	7.92	

Yamasaki, Yuki (JPN) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2023 Japanese Multi-Event National Championships (Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season									
date 10-Jun-23	time	6.81	12.51	18.59	25.34	25.34	5 / 2			
reaction time	interval		5.70	6.08	6.75		# of strides	12.51	12.83	-0.32
wind 0.1 m/s	velocity	7.34	8.77	8.22	7.41	7.89		7.99	7.79	

Xu Zihan (CHN) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 Heat 2 - 2022 Shandong Provincial Games (Rizhao, CHN)					*Shandong Athletics Sport Science (2022)*				
date 02-Sep-22	time		12.51	18.67	25.36	25.36	3 / 1			
reaction time 0.257	interval			6.16	6.69	PB	# of strides	12.51	12.85	-0.34
wind 0.8 m/s	velocity		7.99	8.12	7.47	7.89	106.5	7.99	7.78	

Straub, Regina (GER) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2010 German National Junior Championships (Ulm, GER)					*Graubner (2010) - http://www.fgs.uni-halle.de*				
date 07-Aug-10	time		12.83	18.86	25.37	25.37	/ 5			
reaction time	interval			6.03	6.51		# of strides	12.83	12.54	0.29
wind -0.2 m/s	velocity		7.79	8.29	7.68	7.88		7.79	7.97	

Næss, Heidi Hessan (NOR) (1989)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2015 Windsprint (Sundsvall, SWE)					*(2015) - www.windsprint/Splittider/*				
date 26-Jul-15	time		12.87		25.37	25.37	3 / 4			
reaction time	interval				12.50		# of strides	12.87	12.50	0.37
wind 1.6 m/s	velocity		7.77		8.00	7.88		7.77	8.00	

Boríková, Michaela (CZE) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)					*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date 16-Jun-13	time	6.91	12.67	18.76	25.38	25.38	2 / 5			
reaction time 0.192	interval		5.76	6.09	6.62		# of strides	12.67	12.71	-0.04
wind -1.1 m/s	velocity	7.24	8.68	8.21	7.55	7.88		7.89	7.87	

Hemphill, Megu (JPN) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)					*Matsubayashi (2018) - research on athlete performance and technique*				
date 21-Apr-18	time	6.94	12.71	18.78	25.39	25.39	4 / 4			
reaction time	interval		5.77	6.07	6.61		# of strides	12.71	12.68	0.03
wind -0.4 m/s	velocity	7.20	8.67	8.24	7.56	7.88		7.87	7.89	

Ligarska, Paulina (POL) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)					*Seiko Timing (2023) - world championship race analysis*				
date 19-Aug-23	time		12.81		25.41	25.41	7 / 8			
reaction time 0.215	interval				12.60		# of strides	12.81	12.60	0.21
wind -0.1 m/s	velocity		7.81		7.94	7.87	91.0	7.81	7.94	

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

Næss, Heidi Hessan (NOR) (1989)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
E FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time	13.14		25.42	25.42	5 / 1			
reaction time	interval			12.28		# of strides	13.14	12.28	0.86
wind 1.3 m/s	velocity	7.61		8.14	7.87		7.61	8.14	

Yamasaki, Yuki (JPN) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN)						*Takefu (2023) - performance analyisis of heptathletes in the 2022 season*			
date 04-Jun-22	time	6.87	12.56	18.64	25.42	25.42	7 / 2		
reaction time	interval		5.69	6.08	6.78		# of strides	12.56	12.86	-0.30
wind 0.9 m/s	velocity	7.28	8.79	8.22	7.37	7.87		7.96	7.78	

Hemphill, Megu (JPN) (1996)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptahlon - Heat 3 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)						*Mastsuda (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date 22-Jun-24	time	6.85	12.54	18.68	25.43	25.43	8 / 1		
reaction time	interval		5.69	6.14	6.75		# of strides	12.54	12.89	-0.35
wind -1.6 m/s	velocity	7.30	8.79	8.14	7.41	7.86		7.97	7.76	

Xu Zihan (CHN) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)						*Shandong Athletics Sport Science (2023)*			
date 27-Apr-23	time		12.34	18.57	25.43	25.43	3 / 5		
reaction time 0.157	interval			6.23	6.86		# of strides	12.34	13.09	-0.75
wind 0.8 m/s	velocity		8.10	8.03	7.29	7.86	109.2	8.10	7.64	

Qiu Xiao (CHN) (2004)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 Heat 1 - 2022 Shandong Provincial Games (Rizhao, CHN)						*Shandong Athletics Sport Science (2022)*			
date 02-Sep-22	time		12.65	18.78	25.43	25.43	4 / 1		
reaction time 0.226	interval			6.13	6.65		# of strides	12.65	12.78	-0.13
wind 0.6 m/s	velocity		7.91	8.16	7.52	7.86	103.0	7.91	7.82	

Lutschak, Saskia (GER) (1995)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2010 German National Youth Championships (Ulm, GER)						*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 08-Aug-10	time		13.05	18.98	25.44	25.44	/ 3		
reaction time	interval			5.93	6.46		# of strides	13.05	12.39	0.66
wind 0.7 m/s	velocity		7.66	8.43	7.74	7.86		7.66	8.07	

Jensen, Christine Bjelland (NOR) (19	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
C FINAL - 2012 Windsprint (Sundsvall, SWE)						*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		12.86		25.45	25.45	/ 3		
reaction time	interval				12.59		# of strides	12.86	12.59	0.27
wind 0.1 m/s	velocity		7.78		3.93	7.86		7.78	7.94	

Doha, Razki (MAR) (2001)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)						*Omega Timing (2023) - diamond league race analysis*			
date 28-May-23	time	6.94	12.73	18.81	25.45	25.45	7 / 4		
reaction time 0.210	interval		5.79	6.08	6.64	PB	# of strides	12.73	12.72	0.01
wind 1.4 m/s	velocity	7.20	8.64	8.22	7.53	7.86		7.86	7.86	

Wieß, Patricia (GER)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2010 German National Junior Championships (Ulm, GER)						*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time		13.13	19.15	25.46	25.46	/ 8		
reaction time	interval			6.02	6.31		# of strides	13.13	12.33	0.80
wind -0.1 m/s	velocity		7.62	8.31	7.92	7.86		7.62	8.11	

Lu Haoran (CHN)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)						*Shandong Athletics Sport Science (2022)*			
date 03-Sep-22	time		12.63	18.74	25.48	25.48	7 / 5		
reaction time 0.172	interval			6.11	6.74		# of strides	12.63	12.85	-0.22
wind 0.6 m/s	velocity		7.92	8.18	7.42	7.85	105.0	7.92	7.78	

Voronina, Ekaterina (UZB) (1992)	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)						*Seiko Timing (2023) - world championship race analysis*			
date 19-Aug-23	time		12.81		25.48	25.48	6 / 4		
reaction time 0.153	interval				12.67		# of strides	12.81	12.67	0.14
wind -0.1 m/s	velocity		7.81		7.89	7.85	96.0	7.81	7.89	

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

Grabuste, Aiga (LAT) (1988)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heptathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)							*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time	6.86	12.46	18.63	25.49	25.49	8 / 4			
reaction time	0.170	interval		5.60	6.17	6.86		# of strides	12.46	13.03	-0.57
wind	-0.3 m/s	velocity	7.29	8.93	8.10	7.29	7.85		8.03	7.67	

Holsten, Sarina (GER) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Youth Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	08-Aug-10	time		12.92	18.93	25.49	25.49	/ 4			
reaction time		interval			6.01	6.56		# of strides	12.92	12.57	0.35
wind	0.7 m/s	velocity		7.74	8.32	7.62	7.85		7.74	7.96	

Müller, Laura (GER) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2010 German National Youth Championships (Ulm, GER)							*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	08-Aug-10	time		12.93	19.01	25.50	25.50	/ 5			
reaction time		interval			6.08	6.49		# of strides	12.93	12.57	0.36
wind	0.7 m/s	velocity		7.73	8.22	7.70	7.84		7.73	7.96	

Brubak, Mari Gilde (NOR) (1990)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
E FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		13.10		25.51	25.51	3 / 2			
reaction time		interval				12.41		# of strides	13.10	12.41	0.69
wind	1.3 m/s	velocity		7.63		8.06	7.84		7.63	8.06	

Toya, Moenan (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		12.69		25.50	25.51	3 / 2			
reaction time		interval				12.81		# of strides	12.69	12.81	-0.12
wind	0.8 m/s	velocity		7.88		7.81	7.84		7.88	7.81	

Salivaara, Katja (FIN) (1980)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
B FINAL - 2008 Windsprint (Sundsvall, SWE)							*(2008) - www.ssg.se/en/Windsprint/Split-times/*				
date	06-Jul-08	time		12.56	18.71	25.52	25.52	5 / 4			
reaction time		interval			6.15	6.81		# of strides	12.56	12.96	-0.40
wind	1.2 m/s	velocity		7.96	8.13	7.34	7.84		7.96	7.72	

Ishikura, Tamaki (JPN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)							*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*				
date	28-May-23	time		12.77	18.91	25.54	25.54	4 / 1			
reaction time		interval			6.14	6.63		# of strides	12.77	12.77	0.00
wind	-0.1 m/s	velocity		7.83	8.14	7.54	7.83		7.83	7.83	

Ishikura, Tamaki (JPN) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		12.91	19.06	25.59	25.59	6 / 1			
reaction time		interval			6.15	6.53		# of strides	12.91	12.68	0.23
wind	2.9 m/s	velocity		7.75	8.13	7.66	7.82		7.75	7.89	

Huo Min (CHN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)							*Shandong Athletics Sport Science (2022)*				
date	03-Sep-22	time		12.80	18.97	25.60	25.60	6 / 1			
reaction time	0.203	interval			6.17	6.63		# of strides	12.80	12.80	0.00
wind	-0.1 m/s	velocity		7.81	8.10	7.54	7.81	103.2	7.81	7.81	

Nagaoka, Risa (JPN) (2008)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)							*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*				
date	28-May-23	time		12.92	19.09	25.60	25.60	3 / 2			
reaction time		interval			6.17	6.51		# of strides	12.92	12.68	0.24
wind	-0.1 m/s	velocity		7.74	8.10	7.68	7.81		7.74	7.89	

Tamaki, Mayu (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Shimane High School Championships (Izumo, JPN)							*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*				
date	26-May-24	time		12.70	18.92	25.60	25.60	7 / 4			
reaction time		interval			6.22	6.68		# of strides	12.70	12.90	-0.20
wind	1.0 m/s	velocity		7.87	8.04	7.49	7.81		7.87	7.75	

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

Nemes, Rita (HUN) (1989)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)										*Paris 2024 Olympic Games - Results Book (2024)*	
date	08-Aug-24	time	7.12	12.99	19.09	25.61	25.61	3 / 7			
reaction time	0.176	interval		5.87	6.10	6.52		# of strides	12.99	12.62	0.37
wind	0.2 m/s	velocity	7.02	8.52	8.20	7.67	7.81	93.0	7.70	7.92	

Hata, Kokomi (JPN) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Shimane High School Championships (Izumo, JPN)										*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*	
date	28-May-23	time		12.72	18.90	25.62	25.62	6 / 3			
reaction time		interval			6.18	6.72		# of strides	12.72	12.90	-0.18
wind	-0.1 m/s	velocity		7.86	8.09	7.44	7.81		7.86	7.75	

Brandt, Julia (GER) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2010 German National Youth Championships (Ulm, GER)										*Graubner (2010) - http://www.fgs.uni-halle.de*	
date	08-Aug-10	time		13.01	19.02	25.64	25.64	/ 6			
reaction time		interval			6.01	6.62		# of strides	13.01	12.63	0.38
wind	0.7 m/s	velocity		7.69	8.32	7.55	7.80		7.69	7.92	

Xu Zihan (CHN) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)										*Shandong Athletics Sport Science (2023)*	
date	27-May-23	time		12.36	18.62	25.65	25.65	7 / 5			
reaction time	0.194	interval			6.26	7.03		# of strides	12.36	13.29	-0.93
wind	-1.3 m/s	velocity		8.09	7.99	7.11	7.80	111.5	8.09	7.52	

Jansson, Ida (SWE) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
E FINAL - 2014 Windsprint (Sundsvall, SWE)										*Johansen (2014) - www.ssg.se/windsprint/Splittider/*	
date	20-Jul-14	time		13.08		25.67	25.67	4 / 3			
reaction time		interval				12.59		# of strides	13.08	12.59	0.49
wind	1.3 m/s	velocity		7.65		7.94	7.79		7.65	7.94	

Valeria, Martha (COL) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)										*Seiko Timing (2023) - world championship race analysis*	
date	19-Aug-23	time		12.64		25.67	25.67	5 / 5			
reaction time	0.184	interval				13.03		# of strides	12.64	13.03	-0.39
wind	-0.1 m/s	velocity		7.91		7.67	7.79	103.0	7.91	7.67	

Wang Yuqing (CHN) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)										*Shandong Athletics Sport Science (2022)*	
date	03-Sep-22	time		12.95	19.11	25.68	25.68	8 / 6			
reaction time	0.196	interval			6.16	6.57		# of strides	12.95	12.73	0.22
wind	0.6 m/s	velocity		7.72	8.12	7.61	7.79	99.5	7.72	7.86	

Oshita, Airi (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Shimane High School Championships (Izumo, JPN)										*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*	
date	26-May-19	time		13.01	19.19	25.69	25.69	5 / 1			
reaction time		interval			6.18	6.50		# of strides	13.01	12.68	0.33
wind	3.2 m/s	velocity		7.69	8.09	7.69	7.79		7.69	7.89	

Mrnová, Markéta (CZE) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)										*Feher (2013) - Final report men's & women's Czech Republic national champs*	
date	16-Jun-13	time	7.09	12.87	19.05	25.73	25.73	8 / 6			
reaction time	0.286	interval		5.78	6.18	6.68		# of strides	12.87	12.86	0.01
wind	-1.2 m/s	velocity	7.05	8.65	8.09	7.49	7.77		7.77	7.78	

Wang Yicheng (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)										*Shandong Athletics Sport Science (2022)*	
date	03-Sep-22	time		12.86	19.04	25.76	25.76	5 / 2			
reaction time	0.236	interval			6.18	6.72		# of strides	12.86	12.90	-0.04
wind	-0.1 m/s	velocity		7.78	8.09	7.44	7.76	104.0	7.78	7.75	

Zamzow-Mahler, Ashtin (USA) (1996)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2024 USA Olympic Trials (Eugene, OR)										*USATF and Karmarush (2024) - USA Olympic trials results and race analysis*	
date	23-Jun-24	time	6.73	12.60	18.89	25.76	25.76	8 / 5			
reaction time		interval		5.87	6.29	6.87		# of strides	12.60	13.16	-0.56
wind	1.1 m/s	velocity	7.43	8.52	7.95	7.28	7.76		7.94	7.60	

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

Oga, Yuri (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Shimane High School Championships (Izumo, JPN)								*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	28-May-17	time		13.07		25.77	25.77	5 / 2			
reaction time		interval				12.70		# of strides	13.07	12.70	0.37
wind	-1.3 m/s	velocity		7.65		7.87	7.76		7.65	7.87	

Kaneko, Akira (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Shimane High School Championships (Izumo, JPN)								*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	26-May-24	time		12.83	19.09	25.77	25.77	9 / 5			
reaction time		interval			6.26	6.68		# of strides	12.83	12.94	-0.11
wind	1.0 m/s	velocity		7.79	7.99	7.49	7.76		7.79	7.73	

Kiriyama, Chie (JPN) (1991)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)								*Matsubayashi (2018) - research on athlete performance and technique*			
date	21-Apr-18	time	6.87	12.73	18.92	25.80	25.80	4 / 1			
reaction time		interval		5.86	6.19	6.88		# of strides	12.73	13.07	-0.34
wind	-2.8 m/s	velocity	7.28	8.53	8.08	7.27	7.75		7.86	7.65	

Ding Yachen (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		12.95	19.04	25.80	25.80	2 / 7			
reaction time	0.288	interval			6.09	6.76		# of strides	12.95	12.85	0.10
wind	0.6 m/s	velocity		7.72	8.21	7.40	7.75	98.7	7.72	7.78	

Gu Zihan (CHN) (2001)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2020 Chinese Olympic Trials (Shaoxing, CHN)								*CAA Hurdle Development (2021)*			
date	12-Jun-21	time		12.75		25.82	25.82	1 / 7			
reaction time	0.197	interval				13.07		# of strides	12.75	13.07	-0.32
wind	-0.2 m/s	velocity		7.84		7.65	7.75		7.84	7.65	

Mochida, Kanon (JPN) (2003)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Shimane High School Championships (Izumo, JPN)								*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date	30-May-21	time		12.94	19.21	25.83	25.83	3 / 2			
reaction time		interval			6.27	6.62		# of strides	12.94	12.89	0.05
wind	2.9 m/s	velocity		7.73	7.97	7.55	7.74		7.73	7.76	

Qiu Zitong (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		12.76	19.06	25.85	25.85	4 / 3			
reaction time	0.212	interval			6.30	6.79		# of strides	12.76	13.09	-0.33
wind	-0.1 m/s	velocity		7.84	7.94	7.36	7.74	104.7	7.84	7.64	

Lagger, Sarah (AUT) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 1 - 2023 World Athletics Championships (Budapest, HUN)								*Seiko Timing (2023) - world championship race analysis*			
date	19-Aug-23	time		13.04		25.86	25.86	3 / 6			
reaction time	0.220	interval				12.82		# of strides	13.04	12.82	0.22
wind	-0.1 m/s	velocity		7.67		7.80	7.73	96.7	7.67	7.80	

Moriyama, Rin (JPN) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2019 Shimane High School Championships (Izumo, JPN)								*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	26-May-19	time		13.26	19.39	25.88	25.88	7 / 2			
reaction time		interval			6.13	6.49		# of strides	13.26	12.62	0.64
wind	3.2 m/s	velocity		7.54	8.16	7.70	7.73		7.54	7.92	

Odama, Karin (JPN) (1999)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagasaki, JPN)								*Matsubayashi (2020) - research athlete performance technique- 2020 databook*			
date	26-Sep-20	time	6.95	12.83	19.04	25.88	25.88	3 / 5			
reaction time		interval		5.88	6.21	6.84		# of strides	12.83	13.05	-0.22
wind	1.1 m/s	velocity	7.19	8.50	8.05	7.31	7.73		7.79	7.66	

Murakami, Tamamo (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Shimane High School Championships (Izumo, JPN)								*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date	28-May-22	time		12.87	19.08	25.88	25.88	5 / 1			
reaction time		interval			6.21	6.80		# of strides	12.87	13.01	-0.14
wind	1.7 m/s	velocity		7.77	8.05	7.35	7.73		7.77	7.69	

Oshita, Airi (JPN) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-18	time		12.86		25.88	25.89	4 / 3			
reaction time		interval				13.02		# of strides	12.86	13.02	-0.16
wind	0.8 m/s	velocity		7.78		7.68	7.72		7.78	7.68	

Odama, Karin (JPN) (1999) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

Heptathlon - Heat 3 - 2023 Japanese Multi-Event National Championships (Matsuyama, JPN) *Matsubayashi (2024) - performance analysis of heptathlon athletes in the 2023 season*

date	10-Jun-23	time	7.08	12.93	19.10	25.91	25.91	8 / 4			
reaction time		interval		5.85	6.17	6.81		# of strides	12.93	12.98	-0.05
wind	0.1 m/s	velocity	7.06	8.55	8.10	7.34	7.72		7.73	7.70	

Toya, Moenan (JPN) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	28-May-17	time		12.92		25.92	25.92	6 / 3			
reaction time		interval				13.00		# of strides	12.92	13.00	-0.08
wind	-1.3 m/s	velocity		7.74		7.69	7.72		7.74	7.69	

Tsugumi, Kaneko (JPN) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

A FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	12-Jul-20	time		12.90	19.18	25.92	25.92	5 / 3			
reaction time		interval			6.28	6.74		# of strides	12.90	13.02	-0.12
wind	2.5 m/s	velocity		7.75	7.96	7.42	7.72		7.75	7.68	

Chládková, Denisa (CZE) (1995) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

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

date	16-Jun-13	time	6.98	12.72	18.93	25.93	25.93	7 / 7			
reaction time	0.295	interval		5.74	6.21	7.00		# of strides	12.72	13.21	-0.49
wind	-1.2 m/s	velocity	7.16	8.71	8.05	7.14	7.71		7.86	7.57	

Maeda, Rune (JPN) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	28-May-17	time		12.83		25.95	25.95	9 / 4			
reaction time		interval				13.12		# of strides	12.83	13.12	-0.29
wind	-1.3 m/s	velocity		7.79		7.62	7.71		7.79	7.62	

Panboon, Fanny (SWE) (1995) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		12.76		25.97	25.97	/ 4			
reaction time		interval				13.21		# of strides	12.76	13.21	-0.45
wind	0.1 m/s	velocity		7.84		3.85	7.70		7.84	7.57	

Odama, Karin (JPN) (1999) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

Heptathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN) *Takefu (2023) - performance analyisis of heptathletes in the 2022 season*

date	04-Jun-22	time	7.08	12.90	19.12	26.06	26.06	9 / 4			
reaction time		interval		5.82	6.22	6.94		# of strides	12.90	13.16	-0.26
wind	0.9 m/s	velocity	7.06	8.59	8.04	7.20	7.67		7.75	7.60	

Mochida, Kanon (JPN) (2003) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	26-May-19	time		13.40	19.60	26.08	26.08	6 / 3			
reaction time		interval			6.20	6.48		# of strides	13.40	12.68	0.72
wind	3.2 m/s	velocity		7.46	8.06	7.72	7.67		7.46	7.89	

Liu Chenxi (CHN) (2006) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	03-Sep-22	time		13.05	19.32	26.08	26.08	2 / 4			
reaction time	0.230	interval			6.27	6.76		# of strides	13.05	13.03	0.02
wind	-0.1 m/s	velocity		7.66	7.97	7.40	7.67	106.2	7.66	7.67	

Nagase, Nozomi (JPN) | 50m | 100m | 150m | 200m | Official Time | Lane / Place | 0-100m | 100-200m | Differential

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	26-May-19	time		13.41	19.60	26.09	26.09	4 / 4			
reaction time		interval			6.19	6.49		# of strides	13.41	12.68	0.73
wind	3.2 m/s	velocity		7.46	8.08	7.70	7.67		7.46	7.89	

Ghalla, Kenza (MAR) (2004)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	7.20	13.15	19.35	26.09	26.09	1 / 5			
reaction time	0.202	interval		5.95	6.20	6.74	PB	# of strides	13.15	12.94	0.21
wind	1.4 m/s	velocity	6.94	8.40	8.06	7.42	7.67		7.60	7.73	

Dahmani, Ghita (MAR) (2005)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)								*Omega Timing (2023) - diamond league race analysis*			
date	28-May-23	time	7.15	13.12	19.34	26.12	26.12	2 / 6			
reaction time	0.170	interval		5.97	6.22	6.78	PB	# of strides	13.12	13.00	0.12
wind	1.4 m/s	velocity	6.99	8.38	8.04	7.37	7.66		7.62	7.69	

Nafea, Amal (MAR) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)								*Omega Timing (2022) - diamond league race analysis*			
date	05-Jun-22	time	7.08	12.98	19.22	26.13	26.13	8 / 2			
reaction time	0.183	interval		5.90	6.24	6.91		# of strides	12.98	13.15	-0.17
wind	1.1 m/s	velocity	7.06	8.47	8.01	7.24	7.65		7.70	7.60	

Rammak, Saida (MAR) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)								*Omega Timing (2022) - diamond league race analysis*			
date	05-Jun-22	time	7.03	12.98	19.31	26.14	26.14	5 / 3			
reaction time	0.172	interval		5.95	6.33	6.83	PB	# of strides	12.98	13.16	-0.18
wind	1.1 m/s	velocity	7.11	8.40	7.90	7.32	7.65		7.70	7.60	

Wang Xue (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		13.33	19.46	26.16	26.16	1 / 8			
reaction time	0.214	interval			6.13	6.70		# of strides	13.33	12.83	0.50
wind	0.6 m/s	velocity		7.50	8.16	7.46	7.65	101.0	7.50	7.79	

Shi Ruixin (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		12.96	19.27	26.20	26.20	7 / 5			
reaction time	0.186	interval			6.31	6.93		# of strides	12.96	13.24	-0.28
wind	-0.1 m/s	velocity		7.72	7.92	7.22	7.63	104.0	7.72	7.55	

Nagaoka, Mei (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Shimane High School Championships (Izumo, JPN)								*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	28-May-23	time		13.03	19.34	26.20	26.20	5 / 4			
reaction time		interval			6.31	6.86		# of strides	13.03	13.17	-0.14
wind	-0.1 m/s	velocity		7.67	7.92	7.29	7.63		7.67	7.59	

Yoneda, Ryoha (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 Shimane High School Championships (Izumo, JPN)								*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	28-May-17	time		13.12		26.21	26.21	4 / 5			
reaction time		interval				13.09		# of strides	13.12	13.09	0.03
wind	-1.3 m/s	velocity		7.62		7.64	7.63		7.62	7.64	

Lu Qirui (CHN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		13.08	19.33	26.23	26.23	3 / 6			
reaction time	0.220	interval			6.25	6.90		# of strides	13.08	13.15	-0.07
wind	-0.1 m/s	velocity		7.65	8.00	7.25	7.62	105.5	7.65	7.60	

Edfors, Cecilia (SWE) (1987)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
C FINAL - 2007 Windsprint (Sundsvall, SWE)								*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		13.20	19.42	26.24	26.24	5 / 1			
reaction time		interval			6.22	6.82		# of strides	13.20	13.04	0.16
wind	0.2 m/s	velocity		7.58	8.04	7.33	7.62		7.58	7.67	

Fujiwara, Tamaki (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
A FINAL - 2020 Shimane High School Championships (Izumo, JPN)								*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date	12-Jul-20	time		13.13	19.45	26.24	26.24	8 / 4			
reaction time		interval			6.32	6.79		# of strides	13.13	13.11	0.02
wind	2.5 m/s	velocity		7.62	7.91	7.36	7.62		7.62	7.63	

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

Dahmani, Ghita (MAR) (2005)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)						*Omega Timing (2022) - diamond league race analysis*			
date 05-Jun-22	time	7.18	13.19	19.52	26.24	26.24	2 / 4			
reaction time 0.197	interval		6.01	6.33	6.72		# of strides	13.19	13.05	0.14
wind 1.1 m/s	velocity	6.96	8.32	7.90	7.44	7.62		7.58	7.66	

Ullgren, Moa (SWE) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
E FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		13.17		26.30	26.30	2 / 4			
reaction time	interval				13.13		# of strides	13.17	13.13	0.04
wind 1.3 m/s	velocity		7.59		7.62	7.60		7.59	7.62	

Tamaki, Mayu (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2023 Shimane High School Championships (Izumo, JPN)						*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 28-May-23	time		13.05	19.43	26.30	26.30	7 / 5			
reaction time	interval			6.38	6.87		# of strides	13.05	13.25	-0.20
wind -0.1 m/s	velocity		7.66	7.84	7.28	7.60		7.66	7.55	

Odama, Karin (JPN) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heptahlon - Heat 1 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)						*Mastalir (2024) - performance analysis of heptathlon athletes in the 2024 season*			
date 22-Jun-24	time	6.97	12.82	19.25	26.30	26.30	7 / 3			
reaction time	interval		5.85	6.43	7.05		# of strides	12.82	13.48	-0.66
wind -1.9 m/s	velocity	7.17	8.55	7.78	7.09	7.60		7.80	7.42	

Tsugumi, Kaneko (JPN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Shimane High School Championships (Izumo, JPN)						*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 30-May-21	time		13.07	19.52	26.31	26.31	4 / 3			
reaction time	interval			6.45	6.79		# of strides	13.07	13.24	-0.17
wind 2.9 m/s	velocity		7.65	7.75	7.36	7.60		7.65	7.55	

El Houma, Hiba (MAR) (2005)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)						*Omega Timing (2023) - diamond league race analysis*			
date 28-May-23	time	7.11	13.12	19.42	26.31	26.31	8 / 7			
reaction time 0.162	interval		6.01	6.30	6.89		# of strides	13.12	13.19	-0.07
wind 1.4 m/s	velocity	7.03	8.32	7.94	7.26	7.60		7.62	7.58	

Evensen, Marianne (NOR) (1996)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
D FINAL - 2014 Windsprint (Sundsvall, SWE)						*Johansen (2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		13.34		26.33	26.33	3 / 4			
reaction time	interval				12.99		# of strides	13.34	12.99	0.35
wind 2.0 m/s	velocity		7.50		7.70	7.60		7.50	7.70	

El Ouarrat, Salma (MAR) (2002)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)						*Omega Timing (2022) - diamond league race analysis*			
date 05-Jun-22	time	7.59	13.49	19.74	26.33	26.33	4 / 5			
reaction time 0.309	interval		5.90	6.25	6.59		# of strides	13.49	12.84	0.65
wind 1.1 m/s	velocity	6.59	8.47	8.00	7.59	7.60		7.41	7.79	

Barakat, Hanna (PLE) (1999)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)						*Timing by Seiko (2022) - world athletics championships race analysis*			
date 18-Jul-22	time		13.56		26.33	26.33	1 / 7			
reaction time 0.184	interval				12.77		# of strides	13.56	12.77	0.79
wind 1.9 m/s	velocity		7.37		7.83	7.60		7.37	7.83	

Xiao Ruixin (CHN)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)						*Shandong Athletics Sport Science (2022)*			
date 03-Sep-22	time		12.88	19.17	26.33	26.33	8 / 7			
reaction time 0.169	interval			6.29	7.16		# of strides	12.88	13.45	-0.57
wind -0.1 m/s	velocity		7.76	7.95	6.98	7.60	106.2	7.76	7.43	

Wada, Maki (JPN) (1986)

	50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Japanese National Championships (Kumagaya, JPN)						*Kyohei (2012) - run performance of the 2011 world & japanese top 200m sprinters*			
date 12-Jun-11	time	6.92	12.92	19.39	26.34	26.34	/ 8			
reaction time	interval		6.00	6.47	6.95		# of strides	12.92	13.42	-0.50
wind -0.7 m/s	velocity	7.23	8.33	7.73	7.19	7.59		7.74	7.45	

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

Sakakibara, Sora (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		13.29	19.66	26.34	26.34	2 / 4			
reaction time		interval			6.37	6.68		# of strides	13.29	13.05	0.24
wind	2.9 m/s	velocity		7.52	7.85	7.49	7.59		7.52	7.66	

Novotná, Lenka (CZE) (1997)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)							*Feher (2013) - Final report men's & women's Czech Republic national champs*				
date	16-Jun-13	time	7.28	13.18	19.46	26.36	26.36	8 / 6			
reaction time	0.277	interval		5.90	6.28	6.90		# of strides	13.18	13.18	0.00
wind	-1.1 m/s	velocity	6.87	8.47	7.96	7.25	7.59		7.59	7.59	

Sakakibara, Sora (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		13.30	19.58	26.38	26.38	7 / 2			
reaction time		interval			6.28	6.80		# of strides	13.30	13.08	0.22
wind	1.7 m/s	velocity		7.52	7.96	7.35	7.58		7.52	7.65	

Nilsson, Evelina (SWE) (1994)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2012 Windsprint (Sundsvall, SWE)								*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time		13.16		26.39	26.39	/ 5			
reaction time		interval				13.23		# of strides	13.16	13.23	-0.07
wind	0.1 m/s	velocity		7.60		3.79	7.58		7.60	7.56	

Amano, Iori (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		13.35		26.40	26.39	8 / 4			
reaction time		interval				13.05		# of strides	13.35	13.05	0.30
wind	0.8 m/s	velocity		7.49		7.66	7.58		7.49	7.66	

Hino, Ayaka (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		13.31		26.38	26.40	6 / 5			
reaction time		interval				13.07		# of strides	13.31	13.07	0.24
wind	0.8 m/s	velocity		7.51		7.65	7.58		7.51	7.65	

Yamao, Miku (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2020 Shimane High School Championships (Izumo, JPN)							*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*				
date	12-Jul-20	time		13.11	19.52	26.45	26.45	7 / 5			
reaction time		interval			6.41	6.93		# of strides	13.11	13.34	-0.23
wind	2.5 m/s	velocity		7.63	7.80	7.22	7.56		7.63	7.50	

Matsumura, Ai (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		13.31	19.68	26.45	26.45	7 / 5			
reaction time		interval			6.37	6.77		# of strides	13.31	13.14	0.17
wind	2.9 m/s	velocity		7.51	7.85	7.39	7.56		7.51	7.61	

Shibuya, Rika (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		13.54		26.50	26.50	1 / 6			
reaction time		interval				12.96		# of strides	13.54	12.96	0.58
wind	0.8 m/s	velocity		7.39		7.72	7.55		7.39	7.72	

Matsumura, Ai (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
A FINAL - 2020 Shimane High School Championships (Izumo, JPN)							*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*				
date	12-Jul-20	time		13.23	19.64	26.55	26.55	9 / 6			
reaction time		interval			6.41	6.91		# of strides	13.23	13.32	-0.09
wind	2.5 m/s	velocity		7.56	7.80	7.24	7.53		7.56	7.51	

Yazawa, Sora (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)							*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*				
date	28-May-23	time		13.21	19.61	26.55	26.55	8 / 6			
reaction time		interval			6.40	6.94		# of strides	13.21	13.34	-0.13
wind	-0.1 m/s	velocity		7.57	7.81	7.20	7.53		7.57	7.50	

Hamrén, Malin (SWE) (1986)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2007 Windsprint (Sundsvall, SWE)								*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		13.20	19.60	26.56	26.56	4 / 2			
reaction time		interval			6.40	6.96		# of strides	13.20	13.36	-0.16
wind	0.2 m/s	velocity		7.58	7.81	7.18	7.53		7.58	7.49	

Kakuhashi, Kanan (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		13.23	19.69	26.57	26.57	1 / 6			
reaction time		interval			6.46	6.88		# of strides	13.23	13.34	-0.11
wind	2.9 m/s	velocity		7.56	7.74	7.27	7.53		7.56	7.50	

Yamao, Miku (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		13.21	19.69	26.57	26.57	5 / 7			
reaction time		interval			6.48	6.88		# of strides	13.21	13.36	-0.15
wind	2.9 m/s	velocity		7.57	7.72	7.27	7.53		7.57	7.49	

Matsumura, Ai (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Shimane High School Championships (Izumo, JPN)							*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*				
date	26-May-19	time		13.47	19.80	26.64	26.64	8 / 5			
reaction time		interval			6.33	6.84		# of strides	13.47	13.17	0.30
wind	3.2 m/s	velocity		7.42	7.90	7.31	7.51		7.42	7.59	

Tateishi, Yuka (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		13.41		26.65	26.65	2 / 7			
reaction time		interval				13.24		# of strides	13.41	13.24	0.17
wind	0.8 m/s	velocity		7.46		7.55	7.50		7.46	7.55	

Nagase, Nozomi (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	27-May-18	time		13.57		26.67	26.67	7 / 8			
reaction time		interval				13.10		# of strides	13.57	13.10	0.47
wind	0.8 m/s	velocity		7.37		7.63	7.50		7.37	7.63	

Sakakibara, Sora (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2020 Shimane High School Championships (Izumo, JPN)							*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*				
date	12-Jul-20	time		13.58	19.96	26.73	26.73	9 / 2			
reaction time		interval			6.38	6.77		# of strides	13.58	13.15	0.43
wind	1.4 m/s	velocity		7.36	7.84	7.39	7.48		7.36	7.60	

Xu Shanshan (CHN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)								*Shandong Athletics Sport Science (2022)*			
date	03-Sep-22	time		13.36	19.75	26.76	26.76	1 / 8			
reaction time	0.213	interval			6.39	7.01		# of strides	13.36	13.40	-0.04
wind	-0.1 m/s	velocity		7.49	7.82	7.13	7.47	111.7	7.49	7.46	

El Houma, Hiba (MAR) (2005)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)								*Omega Timing (2022) - diamond league race analysis*			
date	05-Jun-22	time	7.14	13.31	19.73	26.78	26.78	6 / 6			
reaction time	0.167	interval		6.17	6.42	7.05		# of strides	13.31	13.47	-0.16
wind	1.1 m/s	velocity	7.00	8.10	7.79	7.09	7.47		7.51	7.42	

Hino, Ayaka (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Shimane High School Championships (Izumo, JPN)							*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*				
date	26-May-19	time		13.59	19.98	26.81	26.81	2 / 6			
reaction time		interval			6.39	6.83		# of strides	13.59	13.22	0.37
wind	3.2 m/s	velocity		7.36	7.82	7.32	7.46		7.36	7.56	

Masumura, Koyuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		13.48	19.81	26.84	26.84	4 / 3			
reaction time		interval			6.33	7.03		# of strides	13.48	13.36	0.12
wind	1.7 m/s	velocity		7.42	7.90	7.11	7.45		7.42	7.49	

Masumura, Koyuki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2021 Shimane High School Championships (Izumo, JPN)							*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*				
date	30-May-21	time		13.71	20.07	26.91	26.91	8 / 8			
reaction time		interval			6.36	6.84		# of strides	13.71	13.20	0.51
wind	2.9 m/s	velocity		7.29	7.86	7.31	7.43		7.29	7.58	

Oshita, Airi (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2017 Shimane High School Championships (Izumo, JPN)							*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*				
date	28-May-17	time		13.33		26.99	26.99	8 / 6			
reaction time		interval				13.66		# of strides	13.33	13.66	-0.33
wind	-1.3 m/s	velocity		7.50		7.32	7.41		7.50	7.32	

Moriyoshi, Hinata (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		13.56	20.05	27.01	27.01	9 / 4			
reaction time		interval			6.49	6.96		# of strides	13.56	13.45	0.11
wind	1.7 m/s	velocity		7.37	7.70	7.18	7.40		7.37	7.43	

Toshiyama, Naru (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)							*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*				
date	28-May-23	time		13.31	19.91	27.10	27.10	1 / 7			
reaction time		interval			6.60	7.19		# of strides	13.31	13.79	-0.48
wind	-0.1 m/s	velocity		7.51	7.58	6.95	7.38		7.51	7.25	

Fujiwara, Tamaki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Shimane High School Championships (Izumo, JPN)							*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*				
date	26-May-19	time		13.67	20.15	27.11	27.11	3 / 7			
reaction time		interval			6.48	6.96		# of strides	13.67	13.44	0.23
wind	3.2 m/s	velocity		7.32	7.72	7.18	7.38		7.32	7.44	

Eliasson, Emilia (SWE) (1989)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
C FINAL - 2007 Windsprint (Sundsvall, SWE)							*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date	24-Jul-07	time		13.53	20.06	27.18	27.18	3 / 3			
reaction time		interval			6.53	7.12		# of strides	13.53	13.65	-0.12
wind	0.2 m/s	velocity		7.39	7.66	7.02	7.36		7.39	7.33	

Yazawa, Sora (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2024 Shimane High School Championships (Izumo, JPN)							*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*				
date	26-May-24	time		13.46	20.02	27.19	27.19	4 / 6			
reaction time		interval			6.56	7.17		# of strides	13.46	13.73	-0.27
wind	1.0 m/s	velocity		7.43	7.62	6.97	7.36		7.43	7.28	

Wallström, Frida (SWE) (1995)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
F FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		13.50		27.22	27.22	3 / 1			
reaction time		interval				13.72	**PB**	# of strides	13.50	13.72	-0.22
wind	0.1 m/s	velocity		7.41		7.29	7.35		7.41	7.29	

Yamao, Miku (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2019 Shimane High School Championships (Izumo, JPN)							*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*				
date	26-May-19	time		13.72	20.27	27.24	27.24	9 / 8			
reaction time		interval			6.55	6.97		# of strides	13.72	13.52	0.20
wind	3.2 m/s	velocity		7.29	7.63	7.17	7.34		7.29	7.40	

Hobaiba, Safae (MAR) (2004)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
National FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)							*Omega Timing (2022) - diamond league race analysis*				
date	05-Jun-22	time	7.38	13.62	20.17	27.33	27.33	7 / 7			
reaction time	0.196	interval		6.24	6.55	7.16		# of strides	13.62	13.71	-0.09
wind	1.1 m/s	velocity	6.78	8.01	7.63	6.98	7.32		7.34	7.29	

Mishima, Misaki (JPN)			**50m**	**100m**	**150m**	**200m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2023 Shimane High School Championships (Izumo, JPN)							*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*				
date	28-May-23	time		13.60	20.21	27.45	27.45	2 / 8			
reaction time		interval			6.61	7.24		# of strides	13.60	13.85	-0.25
wind	-0.1 m/s	velocity		7.35	7.56	6.91	7.29		7.35	7.22	

Hata, Kokomi (JPN) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		13.59	20.24	27.50	27.50	2 / 6			
reaction time		interval			6.65	7.26		# of strides	13.59	13.91	-0.32
wind	1.7 m/s	velocity		7.36	7.52	6.89	7.27		7.36	7.19	

Sasagawa, Juri (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		13.79	20.38	27.52	27.52	8 / 7			
reaction time		interval			6.59	7.14		# of strides	13.79	13.73	0.06
wind	1.7 m/s	velocity		7.25	7.59	7.00	7.27		7.25	7.28	

Naoko, Wada (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Shimane High School Championships (Izumo, JPN)							*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*				
date	26-May-24	time		13.30	20.10	27.58	27.58	2 / 7			
reaction time		interval			6.80	7.48		# of strides	13.30	14.28	-0.98
wind	1.0 m/s	velocity		7.52	7.35	6.68	7.25		7.52	7.00	

Okuni, Chinatsu (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2022 Shimane High School Championships (Izumo, JPN)							*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*				
date	28-May-22	time		14.05	20.72	27.83	27.83	3 / 8			
reaction time		interval			6.67	7.11		# of strides	14.05	13.78	0.27
wind	1.7 m/s	velocity		7.12	7.50	7.03	7.19		7.12	7.26	

Sögnesand, Emelie (NOR) (1994)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
F FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		13.73		27.94	27.94	4 / 2			
reaction time		interval				14.21		# of strides	13.73	14.21	-0.48
wind	0.1 m/s	velocity		7.28		7.04	7.16		7.28	7.04	

Jirhed, Josefine (SWE) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
F FINAL - 2014 Windsprint (Sundsvall, SWE)							*Johansen (2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time		13.95		28.00	28.00	2 / 3			
reaction time		interval				14.05	PB	# of strides	13.95	14.05	-0.10
wind	0.1 m/s	velocity		7.17		7.12	7.14		7.17	7.12	

Fukuda, Atsushi (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2024 Shimane High School Championships (Izumo, JPN)							*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*				
date	26-May-24	time		14.07	20.73	28.00	28.00	3 / 8			
reaction time		interval			6.66	7.27		# of strides	14.07	13.93	0.14
wind	1.0 m/s	velocity		7.11	7.51	6.88	7.14		7.11	7.18	

Strachan, Anthonique (BAH) (1993)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 6 - 2022 World Athletics Championships (Eugene, OR)							*Timing by Seiko (2022) - world athletics championships race analysis*				
date	18-Jul-22	time		11.34			1:50.06	8 / 8			
reaction time	0.114	interval				98.72		# of strides	11.34	98.72	-87.38
wind	1.9 m/s	velocity		8.82		1.01			8.82	1.01	

Makrazi, Imane (MAR) (2002)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
National FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)							*Omega Timing (2023) - diamond league race analysis*				
date	28-May-23	time	7.80				dnf	3 / --			
reaction time	0.206	interval						# of strides			
wind	1.4 m/s	velocity	6.41								

Stevens, Deajah (USA) (1995)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2017 NCAA Championships (Eugene, OR)							*Track Newsletter (2017) - NCAA women's championships*				
date	10-Jun-17	time		11.4			dnf	/ --			
reaction time		interval					DQ	# of strides	11.40		
wind	1.1 m/s	velocity		8.77					8.77		

Women's 150m Split Times - by time

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

Felix, Allyson (USA) (1985)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2013) - www.tilastopaja.org*
date	25-May-13	time	6.16	11.05	16.36	16.36	2 / 1			***50-150m***
reaction time		interval		4.89	5.31	**WB**	# of strides	11.05		*10.20*
wind	0.2 m/s	velocity	8.12	10.22	9.42	9.17		9.05		*9.80*

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*(2009) - www.greatcitygames.org/Results/2009_gcgm.aspx*
date	17-May-09	time	6.16	11.14	16.54	16.54	/ 1			***50-150m***
reaction time		interval		4.98	5.40	**PB**	# of strides	11.14		*10.38*
wind	0.1 m/s	velocity	8.12	10.04	9.26	9.07		8.98		*9.63*

Onuora, Anyika (GBR) (1984)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Great CityGames (Manchester, GBR) (150m straightaway)										*Minshull (2013) - world bests for shakes-drayton and felix in manchester*
date	25-May-13	time		11.20	16.63	16.63	1 / 2			
reaction time		interval			5.43	**PB**	# of strides	11.20		
wind	0.2 m/s	velocity		8.93	9.21	9.02		8.93		

Williams, Lauryn (USA) (1983)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Great CityGames (Manchester, GBR) (150m straightaway)										*Minshull (2013) - world bests for shakes-drayton and felix in manchester*
date	25-May-13	time		11.20	16.64	16.64	3 / 3			
reaction time		interval			5.44	**PB**	# of strides	11.20		
wind	0.2 m/s	velocity		8.93	9.19	9.01		8.93		

Onuora, Anyika (GBR) (1984)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great North CityGames (Newcastle, GBR) (150m straightaway)										*Jalava (2012) - www.tilastopaja.org*
date	15-Sep-12	time	6.36	11.34	16.70	16.70	3 / 1			***50-150m***
reaction time		interval		4.98	5.36	**PB**	# of strides	11.34		*10.34*
wind	1.0 m/s	velocity	7.86	10.04	9.33	8.98		8.82		*9.67*

Williams, Jodie (GBR) (1993)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2013 Great CityGames (Manchester, GBR) (150m straightaway)										*Minshull (2013) - world bests for shakes-drayton and felix in manchester*
date	25-May-13	time		11.32	16.81	16.81	4 / 4			
reaction time		interval			5.49	**PB**	# of strides	11.32		
wind	0.2 m/s	velocity		8.83	9.11	8.92		8.83		

Ferguson-McKenzie, Debbie (BAH) (			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 1 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2009) - www.tilastopaja.org*
date	17-May-09	time		11.43	16.90	16.90	2 / 1			
reaction time		interval			5.47		# of strides	11.43		
wind	-0.8 m/s	velocity		8.75	9.14	8.88		8.75		

Ennis, Jessica (GBR) (1986)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2010) - www.tilastopaja.org*
date	16-May-10	time		11.39	16.99	16.99	2 / 1			
reaction time		interval			5.60		# of strides	11.39		
wind	- 0.4 m/s	velocity		8.78	8.93	8.83		8.78		

Mahan, Shayla (USA) (1989)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great North CityGames (Newcastle, GBR) (150m straightaway)										*Jalava (2012) - www.tilastopaja.org*
date	15-Sep-12	time	6.27	11.39	16.99	16.99	4 / 2			***50-150m***
reaction time		interval		5.12	5.60	**PB**	# of strides	11.39		*10.72*
wind	1.0 m/s	velocity	7.97	9.77	8.93	8.83		8.78		*9.33*

Barber, Mikele (USA) (1980)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great North CityGames (Newcastle, GBR) (150m straightaway)										*Jalava (2012) - www.tilastopaja.org*
date	15-Sep-12	time	6.42	11.44	17.02	17.02	2 / 3			***50-150m***
reaction time		interval		5.02	5.58	**PB**	# of strides	11.44		*10.60*
wind	1.0 m/s	velocity	7.79	9.96	8.96	8.81		8.74		*9.43*

Thompson, Shaunna (GBR) (1992)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2010) - www.tilastopaja.org*
date	16-May-10	time		11.47	17.05	17.05	4 / 2			
reaction time		interval			5.58		# of strides	11.47		
wind	- 0.4 m/s	velocity		8.72	8.96	8.80		8.72		

Moore, LaShaunte'a (USA) (1983)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2012) - www.tilastopaja.org*
date	20-May-12	time		11.44	17.05	17.05	3 / 1			
reaction time		interval			5.61	**PB**	# of strides	11.44		
wind	-0.4 m/s	velocity		8.74	8.91	8.80		8.74		

Sprunger, Léa (SUI) (1990)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)										*Swiss Athletics (2016) - sprint and hurdle analysis*
date	07-May-16	time	6.44	11.55	17.06	17.06	/ 1			***50-150m***
reaction time		interval		5.11	5.51	**PB**	# of strides	11.55		*10.62*
wind	1.0 m/s	velocity	7.76	9.78	9.07	8.79		8.66		*9.42*

Ohuruogu, Christine (GBR) (1984)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2010 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2010) - www.tilastopaja.org*
date	16-May-10	time		11.44	17.07	17.07	3 / 3			
reaction time		interval			5.63		# of strides	11.44		
wind	- 0.4 m/s	velocity		8.74	8.88	8.79		8.74		

Ohuruogu, Christine (GBR) (1984)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*(2009) - www.greatcitygames.org/Results/2009_gcgm.aspx*
date	17-May-09	time	6.41	11.56	17.10	17.10	/ 2			***50-150m***
reaction time		interval		5.15	5.54		# of strides	11.56		*10.69*
wind	0.1 m/s	velocity	7.80	9.71	9.03	8.77		8.65		*9.35*

Adeoye, Margaret (GBR) (1985)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2012 Great North CityGames (Newcastle, GBR) (150m straightaway)										*Jalava (2012) - www.tilastopaja.org*
date	15-Sep-12	time	6.38	11.54	17.11	17.11	1 / 4			***50-150m***
reaction time		interval		5.16	5.57	**PB**	# of strides	11.54		*10.73*
wind	1.0 m/s	velocity	7.84	9.69	8.98	8.77		8.67		*9.32*

Sprunger, Ellen (SUI) (1986)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)										*Swiss Athletics (2016) - sprint and hurdle analysis*
date	07-May-16	time	6.46	11.60	17.18	17.18	/ 2			***50-150m***
reaction time		interval		5.14	5.58	**PB**	# of strides	11.60		*10.72*
wind	1.0 m/s	velocity	7.74	9.73	8.96	8.73		8.62		*9.33*

Thompson, Shaunna (GBR) (1992)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*(2009) - www.greatcitygames.org/Results/2009_gcgm.aspx*
date	17-May-09	time	6.40	11.60	17.20	17.20	/ 3			***50-150m***
reaction time		interval		5.20	5.60	**PB**	# of strides	11.60		*10.80*
wind	0.1 m/s	velocity	7.81	9.62	8.93	8.72		8.62		*9.26*

McConnell, Lee (GBR) (1978)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*(2009) - www.greatcitygames.org/Results/2009_gcgm.aspx*
date	17-May-09	time	6.53	11.67	17.28	17.28	/ 4			***50-150m***
reaction time		interval		5.14	5.61	**PB**	# of strides	11.67		*10.75*
wind	0.1 m/s	velocity	7.66	9.73	8.91	8.68		8.57		*9.30*

Kora, Salomé (SUI) (1994)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)										*Swiss Athletics (2016) - sprint and hurdle analysis*
date	07-May-16	time	6.56	11.75	17.29	17.29	/ 3			***50-150m***
reaction time		interval		5.19	5.54	**PB**	# of strides	11.75		*10.73*
wind	1.0 m/s	velocity	7.62	9.63	9.03	8.68		8.51		*9.32*

Oyepitan, Abi (GBR) (1979)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
FINAL - 2011 Great CityGames (Manchester, GBR) (150m straightaway)										*Butler (2011) - Gay's last 100 in Manchester street 150*
date	15-May-11	time	6.50	11.72	17.34	17.34	1 / 1			***50-150m***
reaction time		interval		5.22	5.62		# of strides	11.72		*10.84*
wind	1.6 m/s	velocity	7.69	9.58	8.90	8.65		8.53		*9.23*

Thompson, Shaunna (GBR) (1992)			**50m**	**100m**	**150m**	**Official Time**	**Lane / Place**	**0-100m**	**100-200m**	**Differential**
Heat 2 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)										*Jalava (2009) - www.tilastopaja.org*
date	17-May-09	time		11.73	17.37	17.37	/ 1			
reaction time		interval			5.64		# of strides	11.73		
wind	-0.9 m/s	velocity		8.53	8.87	8.64		8.53		

Ohuruogu, Christine (GBR) (1984)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time		11.76	17.40	17.40	/ 2		
reaction time	interval			5.64		# of strides	11.76	
wind -0.9 m/s	velocity		8.50	8.87	8.62		8.50	

Ennis, Jessica (GBR) (1986)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (150m straightaway)								*Butler (2011) - Gay's last 100 in Manchester street 150*
date 15-May-11	time	6.43	11.72	17.40	17.40	3 / 2		***50-150m***
reaction time	interval		5.29	5.68		# of strides	11.72	*10.97*
wind 1.6 m/s	velocity	7.78	9.45	8.80	8.62		8.53	*9.12*

Turner, Laura (GBR) (1982)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (150m straightaway)								*Butler (2011) - Gay's last 100 in Manchester street 150*
date 15-May-11	time	6.36	11.66	17.43	17.43	2 / 3		***50-150m***
reaction time	interval		5.30	5.77	PB	# of strides	11.66	*11.07*
wind 1.6 m/s	velocity	7.86	9.43	8.67	8.61		8.58	*9.03*

McConnell, Lee (GBR) (1978)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time		11.90	17.46	17.46	4 / 2		
reaction time	interval			5.56		# of strides	11.90	
wind -0.8 m/s	velocity		8.40	8.99	8.59		8.40	

Atcho, Sarah (SUI) (1995)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)								*Swiss Athletics (2016) - sprint and hurdle analysis*
date 07-May-16	time	6.58	11.82	17.48	17.48	/ 4		***50-150m***
reaction time	interval		5.24	5.66	PB	# of strides	11.82	*10.90*
wind 1.0 m/s	velocity	7.60	9.54	8.83	8.58		8.46	*9.17*

Nelson, Ashleigh (GBR) (1991)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2011 Great CityGames (Manchester, GBR) (150m straightaway)								*Butler (2011) - Gay's last 100 in Manchester street 150*
date 15-May-11	time	6.41	11.78	17.64	17.64	4 / 4		***50-150m***
reaction time	interval		5.37	5.86	PB	# of strides	11.78	*11.23*
wind 1.6 m/s	velocity	7.80	9.31	8.53	8.50		8.49	*8.90*

Onuora, Anyika (GBR) (1984)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time		11.75	17.68	17.68	1 / 1		
reaction time	interval			5.93		# of strides	11.75	
wind 0.3 m/s	velocity		8.51	8.43	8.48		8.51	

Del Ponte, Ajla (SUI) (1996)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)								*Swiss Athletics (2016) - sprint and hurdle analysis*
date 07-May-16	time	6.62	11.96	17.72	17.72	/ 5		***50-150m***
reaction time	interval		5.34	5.76	PB	# of strides	11.96	*11.10*
wind 1.0 m/s	velocity	7.55	9.36	8.68	8.47		8.36	*9.01*

Douglas, Montell (GBR) (1986)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2012) - www.tilastopaja.org*
date 20-May-12	time		11.76	17.73	17.73	2 / 2		
reaction time	interval			5.97		# of strides	11.76	
wind -0.4 m/s	velocity		8.50	8.38	8.46		8.50	

Fraser, Donna (GBR) (1972)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time		11.89	17.74	17.74	2 / 2		
reaction time	interval			5.85	PB	# of strides	11.89	
wind 0.3 m/s	velocity		8.41	8.55	8.46		8.41	

Douglas, Montell (GBR) (1986)	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time		11.85	17.78	17.78	3 / 3		
reaction time	interval			5.93		# of strides	11.85	
wind 0.3 m/s	velocity		8.44	8.43	8.44		8.44	

Tavares, Sónia (POR) (1986)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2012) - www.tilastopaja.org*
date 20-May-12	time	11.84	17.82	17.82	4 / 3			
reaction time	interval		5.98	PB	# of strides	11.84		
wind -0.4 m/s	velocity	8.45	8.36	8.42		8.45		

Douglas, Montell (GBR) (1986)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time	11.87	17.83	17.83	3 / 3			
reaction time	interval		5.96		# of strides	11.87		
wind -0.8 m/s	velocity	8.42	8.39	8.41		8.42		

Fraser, Donna (GBR) (1972)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 1 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time	12.03	17.87	17.87	1 / 4			
reaction time	interval		5.84		# of strides	12.03		
wind -0.8 m/s	velocity	8.31	8.56	8.39		8.31		

Shimada, Kohane (JPN) (2006)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese U16 National Championships (Matsuyama, JPN) (150m)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*
date 23-Oct-21	time	6.68	12.12	17.96	17.96	5 / 1		***50-150m***
reaction time	interval		5.44	5.84	# of strides	12.12		*11.28*
wind 1.1 m/s	velocity	7.49	9.19	8.56	11.14	79.0	8.25	*8.87*

Onuora, Anyika (GBR) (1984)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time	11.98	17.98	17.98	/ 3			
reaction time	interval		6.00		# of strides	11.98		
wind -0.9 m/s	velocity	8.35	8.33	8.34		8.35		

Claxton, Sarah (GBR) (1979)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
B FINAL - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time	12.03	18.13	18.13	4 / 4			
reaction time	interval		6.10	PB	# of strides	12.03		
wind 0.3 m/s	velocity	8.31	8.20	8.27		8.31		

O'Rourke, Derval (IRL) (1981)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2012 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2012) - www.tilastopaja.org*
date 20-May-12	time	12.06	18.25	18.25	1 / 4			
reaction time	interval		6.19	PB	# of strides	12.06		
wind -0.4 m/s	velocity	8.29	8.08	8.22		8.29		

Fukuoka, Shion (JPN) (2007)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese U16 National Championships (Matsuyama, JPN) (150m)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*
date 23-Oct-21	time	6.79	12.29	18.25	18.25	2 / 2		***50-150m***
reaction time	interval		5.50	5.96	# of strides	12.29		*11.46*
wind 1.1 m/s	velocity	7.36	9.09	8.39	10.96	76.0	8.14	*8.73*

Golay, Joëlle (SUI) (1987)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) (150m)								*Swiss Athletics (2016) - sprint and hurdle analysis*
date 07-May-16	time	6.86	12.45	18.35	18.35	/ 6		***50-150m***
reaction time	interval		5.59	5.90	# of strides	12.45		*11.49*
wind 1.0 m/s	velocity	7.29	8.94	8.47	8.17		8.03	*8.70*

Akaska, Miyuu (JPN) (2006)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese U16 National Championships (Matsuyama, JPN) (150m)								*Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*
date 23-Oct-21	time	6.82	12.42	18.39	18.39	6 / 3		***50-150m***
reaction time	interval		5.60	5.97	# of strides	12.42		*11.57*
wind 1.1 m/s	velocity	7.33	8.93	8.38	10.88	75.5	8.05	*8.64*

Claxton, Sarah (GBR) (1979)

	50m	100m	150m	Official Time	Lane / Place	0-100m	100-200m	Differential
Heat 2 - 2009 Great CityGames (Manchester, GBR) (150m straightaway)								*Jalava (2009) - www.tilastopaja.org*
date 17-May-09	time	12.36	18.51	18.51	/ 4			
reaction time	interval		6.15		# of strides	12.36		
wind -0.9 m/s	velocity	8.09	8.13	8.10		8.09		

Koike, Hina (JPN)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese U16 National Championships (Matsuyama, JPN) *Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*											
date	23-Oct-21	time	6.87	12.52	18.53		18.53	3 / 4			***50-150m***
reaction time		interval		5.65	6.01			# of strides	12.52		*11.66*
wind	1.1 m/s	velocity	7.28	8.85	8.32		10.79	78.0	7.99		*8.58*

Seta, Haruna (JPN) (2006)			50m	100m	150m	200m	Official Time	Lane / Place	0-100m	100-200m	Differential
FINAL - 2021 Japanese U16 National Championships (Matsuyama, JPN) *Takahashi (2021) - race analysis of domestic 200m & U16 150m in olympic season*											
date	23-Oct-21	time	7.01	12.75	18.73		18.73	7 / 5			***50-150m***
reaction time		interval		5.74	5.98			# of strides	12.75		*11.72*
wind	1.1 m/s	velocity	7.13	8.71	8.36		10.68	75.5	7.84		*8.53*

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