Men's 100m Split Times - by athlete

LAST UPDATE: 30-May-25

Abdel Wahed, Saif Raad (IRQ) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	1.87	2.96	3.91	4.81	5.71	6.59	7.47	8.37	9.26	10.22	10.22	3 / 1			
reaction time	0.161	interval		1.09	0.95	0.90	0.90	0.88	0.88	0.90	0.89	0.96	**NR**	# of strides	3.91	2.68	2.67
wind	1.4 m/s	velocity	5.35	9.17	10.53	11.11	11.11	11.36	11.36	11.11	11.24	10.42	9.78	48.7	7.67	11.19	11.24

Åberg, Oskar (SWE) (1989)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2012 Windsprint (Sundsvall, SWE)														*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time			4.08			6.90		8.77		10.71	10.71	/ 3			
reaction time		interval						2.82		1.87		1.94		# of strides	4.08	2.82	
wind	1.0 m/s	velocity			7.35			10.64		10.70		10.31	9.34		7.35	10.64	
B FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.04			6.85		8.71		10.64	10.64	/ 1			
reaction time		interval						2.81		1.86		1.93		# of strides	4.04	2.81	
wind	1.8 m/s	velocity			7.43			10.68		10.75		10.36	9.40		7.43	10.68	

Abeykoon, Yupun (SRI) (1994)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	1.95	3.02	3.98	4.90	5.80	6.69	7.58	8.50	9.50	10.63	10.63	8 / 8			
reaction time		interval		1.07	0.96	0.92	0.90	0.89	0.89	0.92	1.00	1.13		# of strides	3.98	2.71	2.81
wind	-1.0 m/s	velocity	5.13	9.35	10.42	10.87	11.11	11.24	11.24	10.87	10.00	8.85	9.41	44.7	7.54	11.07	10.68
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2024) - diamond league race analysis*			
date	02-Jun-24	time	1.94	2.98	3.95	4.86	5.74	6.65	7.56	8.41	9.31	10.22	10.22	6 / 1			
reaction time	0.157	interval		1.04	0.97	0.91	0.88	0.91	0.91	0.85	0.90	0.91		# of strides	3.95	2.70	2.66
wind	-1.6 m/s	velocity	5.15	9.62	10.31	10.99	11.36	10.99	10.99	11.76	11.11	10.99	9.78		7.59	11.11	11.28
FINAL - 2022 Weltklasse (Zürich, SUI)														*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time		2.98		4.83		6.58		8.34		10.14	10.14	1 / 5			
reaction time	0.137	interval				1.85		1.75		1.76		1.80		# of strides			
wind	-0.3 m/s	velocity		6.71		10.81		11.43		11.36		11.11	9.86	43.5			
FINAL - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		2.9		4.8		6.5		8.3		10.14	10.14	2 / 3			
reaction time		interval				1.90		1.70		1.80		1.84		# of strides			
wind	-0.9 m/s	velocity		6.90		10.53		11.76		11.11		10.87	9.86	43.7			
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		2.9		4.8		6.5		8.3		10.20	10.20	7 / 4			
reaction time	0.149	interval				1.90		1.70		1.80		1.90		# of strides			
wind	0.4 m/s	velocity		6.90		10.53		11.76		11.11		10.53	9.80	44.0			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2022) - diamond league race analysis*			
date	30-Jun-22	time		3.14		4.98		6.71		8.45		10.21	10.21	4 / 4			
reaction time	0.279	interval				1.84		1.73		1.74		1.76		# of strides			
wind	-0.5 m/s	velocity		6.37		10.87		11.56		11.49		11.36	9.79	43.2			
FINAL - 2022 Bislett Games (Oslo, NOR)														*Omega Timing (2022) - diamond league race analysis*			
date	16-Jun-22	time		3.01		4.86		6.60		8.35		10.16	10.16	7 / 5			
reaction time	0.171	interval				1.85		1.74		1.75		1.81		# of strides			
wind	0.5 m/s	velocity		6.64		10.81		11.49		11.43		11.05	9.84	44.0			

Abrahams, Guy (PAN) (1953)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1976 Olympic Games (Montreal, CAN)														*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date	24-Jul-76	time			3.81			6.57		8.43		10.25	10.25	8 / 5			
reaction time		interval						2.76		1.86		1.82	**PB**	# of strides	3.81	2.76	
wind	0.0 m/s	velocity			7.87			10.87		10.75		10.99	9.76	47.7	7.87	10.87	

Adam, Ibadulla (MDV) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 4 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.92	3.01	3.98	4.92	5.82	6.72	7.65	8.60	9.57	10.55	10.55	5 / 5			
reaction time	0.161	interval		1.09	0.97	0.94	0.90	0.90	0.93	0.95	0.97	0.98	**PB**	# of strides	3.98	2.74	2.85
wind	0.2 m/s	velocity	5.21	9.17	10.31	10.64	11.11	11.11	10.75	10.53	10.31	10.20	9.48	50.0	7.54	10.95	10.53

Adigida, Onyema (NED) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National FINAL - 2024 London Athletics Meet (London, GBR)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	1.99	3.09	4.07	5.00	5.91	6.80	7.69	8.59	9.50	10.43	10.43	7 / 8			
reaction time	0.171	interval		1.10	0.98	0.93	0.91	0.89	0.89	0.90	0.91	0.93		# of strides	4.07	2.73	2.70

wind	2.1 m/s	velocity	5.03	9.09	10.20	10.75	10.99	11.24	11.24	11.11	10.99	10.75	9.59		7.37	10.99	11.11

National - Heat 1 - 2023 FBK Games (Hengelo, NED) — *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.99	3.08	4.07	5.03	5.95	6.87	7.79	8.72	9.66	10.65	10.65	7 / 8			
reaction time	0.187	interval		1.09	0.99	0.96	0.92	0.92	0.92	0.93	0.94	0.99		# of strides	4.07	2.80	2.79
wind	0.1 m/s	velocity	5.03	9.17	10.10	10.42	10.87	10.87	10.87	10.75	10.64	10.10	9.39		7.37	10.71	10.75

Abrantes, Arnaldo (POR) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.01	3.98	4.90		6.73		8.53		10.40	10.40	7 / 6			
reaction time	0.159	interval			0.97	0.92		1.83		1.80		1.87		# of strides	3.98	2.75	
wind	-0.7 m/s	velocity		6.64	10.31	10.87		10.93		11.11		10.70	9.62		7.54	10.91	

Heat 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.02	3.99	4.91		6.75		8.55		10.41	10.41	4 / 2			
reaction time	0.137	interval			0.97	0.92		1.84		1.80		1.86		# of strides	3.99	2.76	
wind	-0.4 m/s	velocity		6.62	10.31	10.87		10.87		11.11		10.75	9.61		7.52	10.87	

Abiko, Mitsuhiro (JPN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Race 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) — *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.99	3.08	4.07	5.03	5.98	6.91	7.86	8.82	9.80	10.81	10.81	5 / 7			
reaction time		interval		1.09	0.99	0.96	0.95	0.93	0.95	0.96	0.98	1.01		# of strides	4.07	2.84	2.89
wind	1.3 m/s	velocity	5.03	9.17	10.10	10.42	10.53	10.75	10.53	10.42	10.20	9.90	9.25	49.0	7.37	10.56	10.38

Adams, Harry (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) — *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	10-May-15	time	1.92	2.98	3.92	4.82	5.71	6.59	7.48	8.37	9.28	10.22	10.22	4 / 4			
reaction time		interval		1.06	0.94	0.90	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.92	2.67	2.69
wind	-0.1 m/s	velocity	5.21	9.43	10.64	11.11	11.24	11.36	11.24	11.24	10.99	10.64	9.78	46.0	7.65	11.24	11.15

Adegoke, Enoch (NGR) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Olympic Games (Tokyo, JPN) — *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time			3.84			6.56					dnf	8 / --			
reaction time	0.157	interval						2.72						# of strides	3.84	2.72	
wind	0.1 m/s	velocity			7.81			11.03							7.81	11.03	

Adeniken, Olapade (NGR) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1992 Olympic Games (Barcelona, ESP) — *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		3.01		4.84		6.58		8.34		10.12	10.12	8 / 6			
reaction time	0.183	interval				1.83		1.74		1.76		1.78		# of strides			
wind	0.5 m/s	velocity		6.64		10.93		11.49		11.36		11.24	9.88	46.0			

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.99	3.06	4.02	4.92	5.82	6.70	7.60	8.51	9.42	10.33	10.33	1 / 6			
reaction time		interval		1.07	0.96	0.90	0.90	0.88	0.90	0.91	0.91	0.91		# of strides	4.02	2.68	2.72
wind	0.6 m/s	velocity	5.03	9.35	10.42	11.11	11.11	11.36	11.11	10.99	10.99	10.99	9.68		7.46	11.19	11.03

Adeyanju, Iziak (NGR) (1959)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	24-Sep-88	time	1.91	2.97	3.94	4.88	5.82	6.75	7.71	8.67	9.63	10.60	10.60	8 / ~~7~~ 6			
reaction time		interval		1.06	0.97	0.94	0.94	0.93	0.96	0.96	0.96	0.97		# of strides	3.94	2.81	2.88
wind	-1.2 m/s	velocity	5.24	9.43	10.31	10.64	10.64	10.75	10.42	10.42	10.42	10.31	9.43		7.61	10.68	10.42

Adolfsson, Henrik (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2007 Windsprint (Sundsvall, SWE) — *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.23			7.24		9.31		11.40	11.40	/ 7			
reaction time		interval						3.01		2.07		2.09		# of strides	4.23	3.01	
wind	-0.4 m/s	velocity			7.09			9.97		9.66		9.57	8.77		7.09	9.97	

Afrifa, Elvis (NED) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.89	2.94	3.88	4.79	5.67	6.55					6.55	3 / 4			
reaction time	0.157	interval		1.05	0.94	0.91	0.88	0.88					NR	# of strides	3.88	2.67	
		velocity	5.29	9.52	10.64	10.99	11.36	11.36					9.16	29.5	7.73	11.24	

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.89	2.94	3.89	4.79	5.68	6.57					6.57	2 / 2			
reaction time	0.157	interval		1.05	0.95	0.90	0.89	0.89					PB	# of strides	3.89	2.68	
		velocity	5.29	9.52	10.53	11.11	11.24	11.24					9.13		7.71	11.19	

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

date	14-Sep-24	time	1.94	3.02	4.01	4.95	5.88	6.80	7.71	8.64	9.57	10.52	10.52	2 / 6			

reaction time	0.143	interval		1.08	0.99	0.94	0.93	0.92	0.91	0.93	0.93	0.95		# of strides	4.01	2.79	2.77
wind	0.0 m/s	velocity	5.15	9.26	10.10	10.64	10.75	10.87	10.99	10.75	10.75	10.53	9.51		7.48	10.75	10.83

Aiertamu Aizihaer (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	2.05	3.16	4.18	5.16	6.11	7.06	8.03	9.00	10.01	11.03	11.03	8 / 4			
reaction time 0.179 interval		1.11	1.02	0.98	0.95	0.95	0.97	0.97	1.01	1.02		# of strides	4.18	2.88	2.95
wind 0.5 m/s velocity	4.88	9.01	9.80	10.20	10.53	10.53	10.31	10.31	9.90	9.80	9.07		7.18	10.42	10.17

Aikines-Aryeetey, Harry (GBR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 FBK Games (Hengelo, NED)												*Omega Timing (2022) - continental tour race analysis*			
date 06-Jun-22 time		3.0		4.9		6.7		8.6		10.52	10.52	1 / 7			
reaction time 0.146 interval				1.90		1.80		1.90		1.92		# of strides			
wind -0.3 m/s velocity		6.67		10.53		11.11		10.53		10.42	9.51	49.0			
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)												*PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*			
date 25-Jan-19 time	2.15	3.21	4.16	5.08	5.98	6.73					6.73	2 / 6			
reaction time interval		1.06	0.95	0.92	0.90	0.75						# of strides	4.16	2.57	
velocity	4.65	9.43	10.53	10.87	11.11	13.33					8.92	31.5	7.21	11.67	
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)												*Omega Timing (2019) - diamond league race analysis*			
date 18-Aug-19 time		3.1		5.0		6.8		8.6		10.37	10.37	9 / 8			
reaction time 0.135 interval				1.9		1.8		1.8		1.77		# of strides			
wind 0.7 m/s velocity		6.45		10.53		11.11		11.11		11.30	9.64				
FINAL - 2013 European Indoor Championships (Göteborg, SWE)												*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 02-Mar-13 time		2.97		4.84		6.63					6.63	7 / 7			
reaction time 0.150 interval				1.87		1.79						# of strides			
velocity		6.73		10.70		11.17					9.05	28.7			
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.02	3.99	4.91		6.69		8.50		10.30	10.30	/ 2			
reaction time 0.161 interval			0.97	0.92		1.78		1.81		1.80		# of strides	3.99	2.70	
wind 0.2 m/s velocity		6.62	10.31	10.87		11.24		11.05		11.11	9.71		7.52	11.11	

Ailikuti Yishake (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24 time	1.97	2.99	3.95	4.87	5.77	6.70					6.70	7 / 5			
reaction time 0.151 interval		1.02	0.96	0.92	0.90	0.93						# of strides	3.95	2.75	
velocity	5.08	9.80	10.42	10.87	11.11	10.75					8.96	30.0	7.59	10.91	
Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24 time	1.95	2.98	3.96	4.86	5.76	6.70					6.70	4 / 3			
reaction time 0.144 interval		1.03	0.98	0.90	0.90	0.94						# of strides	3.96	2.74	
velocity	5.13	9.71	10.20	11.11	11.11	10.64					8.96	30.0	7.58	10.95	
Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24 time	2.01	3.04	4.00	4.92	5.83	6.75					6.75	6 / 1			
reaction time 0.160 interval		1.03	0.96	0.92	0.91	0.92						# of strides	4.00	2.75	
velocity	4.98	9.71	10.42	10.87	10.99	10.87					8.89	30.0	7.50	10.91	
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24 time	1.95	3.01	3.97	4.90	5.82	6.72					6.72	5 / 4			
reaction time 0.142 interval		1.06	0.96	0.93	0.92	0.90						# of strides	3.97	2.75	
velocity	5.13	9.43	10.42	10.75	10.87	11.11					8.93	30.0	7.56	10.91	
Heat 12 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24 time	1.96	3.01	3.97	4.87	5.78	6.69					6.69	5 / 1			
reaction time 0.146 interval		1.05	0.96	0.90	0.91	0.91					PB	# of strides	3.97	2.72	
velocity	5.10	9.52	10.42	11.11	10.99	10.99					8.97	30.0	7.56	11.03	

Ajayi, Kayinsola (NGR) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.89	2.94	3.88	4.78	5.67	6.55	7.43	8.32	9.23	10.13	10.13	6 / 6			
reaction time 0.106 interval		1.05	0.94	0.90	0.89	0.88	0.88	0.89	0.91	0.90		# of strides	3.88	2.67	2.68
wind 0.0 m/s velocity	5.29	9.52	10.64	11.11	11.24	11.36	11.36	11.24	10.99	11.11	9.87	46.0	7.73	11.24	11.19
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.90	2.95	3.89	4.78	5.65	6.51	7.37	8.23	9.11	10.02	10.02	2 / 1			
reaction time 0.151 interval		1.05	0.94	0.89	0.87	0.86	0.86	0.86	0.88	0.91		# of strides	3.89	2.62	2.60
wind -0.3 m/s velocity	5.26	9.52	10.64	11.24	11.49	11.63	11.63	11.63	11.36	10.99	9.98	46.0	7.71	11.45	11.54

Akinola, Bori (IRL) (2001)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.91	2.96	3.91	4.83	5.73	6.63					6.63	3 / 4			
reaction time	0.128	interval		1.05	0.95	0.92	0.90	0.90						# of strides	3.91	2.72	
		velocity	5.24	9.52	10.53	10.87	11.11	11.11					9.05		7.67	11.03	

Akintan, Sunday Ogun (NGR) (2004)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	1.78	2.80	3.72	4.61	5.48	6.36	7.24	8.13	9.03	10.01	10.01	4 / 1			
reaction time	0.147	interval		1.02	0.92	0.89	0.87	0.88	0.88	0.89	0.90	0.98	PB	# of strides	3.72	2.64	2.67
wind	1.1 m/s	velocity	5.62	9.80	10.87	11.24	11.49	11.36	11.36	11.24	11.11	10.20	9.99		8.06	11.36	11.24

Akiyama, Yuki (JPN) (2001)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)														*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date	04-Oct-19	time			4.06		6.00					10.88	10.88	9 / 5			
reaction time	0.154	interval					1.94					4.88		# of strides	4.06		
wind	-2.3 m/s	velocity			7.39		3.33					10.25	9.19		7.39		

Al Abboodi, Fam (IRQ) (1992)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)														*Omega Timing (2024) - diamond league race analysis*			
date	10-May-24	time	1.99	3.06	4.03	4.95	5.84	6.74	7.64	8.55	9.48	10.42	10.42	6 / 3			
reaction time	0.152	interval		1.07	0.97	0.92	0.89	0.90	0.90	0.91	0.93	0.94		# of strides	4.03	2.71	2.74
wind	3.8 m/s	velocity	5.03	9.35	10.31	10.87	11.24	11.11	11.11	10.99	10.75	10.64	9.60		7.44	11.07	10.95

Al Awamleh, Zaid (JOR) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	2.01	3.05	4.04	4.98	5.92	6.85	7.77	8.69	9.62	10.63	10.63	1 / 7			
reaction time	0.195	interval		1.04	0.99	0.94	0.94	0.93	0.92	0.92	0.93	1.01		# of strides	4.04	2.81	2.77
wind	1.4 m/s	velocity	4.98	9.62	10.10	10.64	10.64	10.75	10.87	10.87	10.75	9.90	9.41	48.0	7.43	10.68	10.83

Al-Balushi, Ali Anwar (OMA) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.92	2.99	3.93	4.83	5.70	6.57	7.47	8.39	9.30	10.26	10.26	8 / 6			
reaction time	0.161	interval		1.07	0.94	0.90	0.87	0.87	0.90	0.92	0.91	0.96		# of strides	3.93	2.64	2.73
wind	-0.2 m/s	velocity	5.21	9.35	10.64	11.11	11.49	11.49	11.11	10.87	10.99	10.42	9.75	45.0	7.63	11.36	10.99

Al Balushi, Malham (OMA) (2000)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	1.82	2.85	3.79	4.69	5.59	6.49	7.39	8.29	9.20	10.22	10.22	5 / 2			
reaction time	0.159	interval		1.03	0.94	0.90	0.90	0.90	0.90	0.90	0.91	1.02	PB	# of strides	3.79	2.70	2.71
wind	1.4 m/s	velocity	5.49	9.71	10.64	11.11	11.11	11.11	11.11	11.11	10.99	9.80	9.78	46.5	7.92	11.11	11.07

Al-Farhan, Adel Mohamed (BRN) (1979)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Asian Indoor Championships (Doha, QAT)														*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*			
date	14-Feb-08	time	1.97	3.08	4.05	4.98	5.91	6.84					6.84	7 / 6			
reaction time		interval		1.11	0.97	0.93	0.93	0.93					NR	# of strides	4.05	2.79	
wind		velocity	5.08	9.01	10.31	10.75	10.75	10.75					8.77		7.41	10.75	

Al-Harthi, Barakat (OMA) (1988)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		2.93	3.93	4.87		6.70		8.52		10.41	10.41	5 / 4			
reaction time	0.149	interval			1.00	0.94		1.83		1.82		1.89		# of strides	3.93	2.77	
wind	-0.2 m/s	velocity		6.83	10.00	10.64		10.93		10.99		10.58	9.61		7.63	10.83	

Al-Saadi, Mohamed Obaid (OMA) (1994)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	1.88	2.97	3.94	4.87	5.78	6.68	7.59	8.50	9.42	10.44	10.44	2 / 4			
reaction time	0.165	interval		1.09	0.97	0.93	0.91	0.90	0.91	0.91	0.92	1.02	PB	# of strides	3.94	2.74	2.74
wind	1.4 m/s	velocity	5.32	9.17	10.31	10.75	10.99	11.11	10.99	10.99	10.87	9.80	9.58	47.7	7.61	10.95	10.95

Al-Salfa, Omar Juma (UAE) (1989)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Asian Indoor Championships (Doha, QAT)														*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*			
date	14-Feb-08	time	1.95	3.06	4.03	4.97	5.89	6.81					6.81	2 / 4			
reaction time		interval		1.11	0.97	0.94	0.92	0.92					NR	# of strides	4.03	2.78	
wind		velocity	5.13	9.01	10.31	10.64	10.87	10.87					8.81		7.44	10.79	

Al-Yafaee, Samer (YEM) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	2.09	3.24	4.29	5.31	6.32	7.33	8.36	9.40	10.46	11.54	11.54	8 / 9			
reaction time	0.150	interval		1.15	1.05	1.02	1.01	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.29	3.04	3.13
wind	0.1 m/s	velocity	4.78	8.70	9.52	9.80	9.90	9.90	9.71	9.62	9.43	9.26	8.67	44.5	6.99	9.87	9.58

Ali, Chituru (ITA) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												*Omega Timing (2024) - diamond league race analysis*			
date 25-Aug-24 time	2.00	3.06	4.03	4.94	5.83	6.70	7.58	8.49	9.48	10.69	10.69	7 / 8			
reaction time 0.179 interval		1.06	0.97	0.91	0.89	0.87	0.88	0.91	0.99	1.21		# of strides	4.03	2.67	2.78
wind 1.9 m/s velocity	5.00	9.43	10.31	10.99	11.24	11.49	11.36	10.99	10.10	8.26	9.35	41.5	7.44	11.24	10.79
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.92	2.99	3.95	4.85	5.73	6.61	7.48	8.36	9.25	10.14	10.14	8 / 7			
reaction time 0.141 interval		1.07	0.96	0.90	0.88	0.88	0.87	0.88	0.89	0.89		# of strides	3.95	2.66	2.64
wind 0.7 m/s velocity	5.21	9.35	10.42	11.11	11.36	11.36	11.49	11.36	11.24	11.24	9.86	41.0	7.59	11.28	11.36
Heat 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.93	2.99	3.95	4.86	5.74	6.62	7.47	8.34	9.22	10.12	10.12	1 / 2			
reaction time 0.145 interval		1.06	0.96	0.91	0.88	0.88	0.85	0.87	0.88	0.90		# of strides	3.95	2.67	2.60
wind 0.2 m/s velocity	5.18	9.43	10.42	10.99	11.36	11.36	11.76	11.49	11.36	11.11	9.88	41.5	7.59	11.24	11.54
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	1.95	3.00	3.95	4.87	5.77	6.66	7.53	8.41	9.31	10.19	10.19	2 / 3			
reaction time 0.148 interval		1.05	0.95	0.92	0.90	0.89	0.87	0.88	0.90	0.88		# of strides	3.95	2.71	2.65
wind -1.0 m/s velocity	5.13	9.52	10.53	10.87	11.11	11.24	11.49	11.36	11.11	11.36	9.81	42.0	7.59	11.07	11.32
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2022) - diamond league race analysis*			
date 09-Jun-22 time		2.97		4.85		6.63		8.41		10.25	10.25	8 / 6			
reaction time 0.121 interval				1.88		1.78		1.78		1.84		# of strides			
wind -0.2 m/s velocity		6.73		10.64		11.24		11.24		10.87	9.76	42.5			

Allen, Devon (USA) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Athletissima (Lausanne, SUI)												*Omega Timing (2019) - diamond league race analysis*			
date 05-Jul-19 time					5.9					10.33	10.33	1 / 8			
reaction time 0.129 interval										4.43		# of strides			
wind 0.2 m/s velocity					8.47					11.29	9.68	45.7			

Allison, Tarley (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.23			7.16				11.14	11.14	4 / 1			
reaction time interval						2.93				3.98		# of strides	4.23	2.93	
wind 0.6 m/s velocity			7.09			10.24				10.05	8.98		7.09	10.24	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.21			7.12				11.18	11.18	3 / 4			
reaction time interval						2.91				4.06		# of strides	4.21	2.91	
wind 0.7 m/s velocity			7.13			10.31				9.85	8.94		7.13	10.31	
Allison, Tarley (LBR) (1997)															
E FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.12			7.01		8.93		10.91	10.91	3 / 3			
reaction time interval						2.89		1.92		1.98		# of strides	4.12	2.89	
wind 2.1 m/s velocity			7.28			10.38		10.42		10.10	9.17		7.28	10.38	

Almas, Deniz (GER) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2020) - diamond league race analysis*			
date 17-Sep-20 time		3.0		4.9		6.7		8.5		10.27	10.27	8 / 7			
reaction time 0.143 interval				1.90		1.80		1.80		1.77		# of strides			
wind 0.3 m/s velocity		6.67		10.53		11.11		11.11		11.30	5.84	49.5			

Ambepitiya, Shehan (SRI) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		3.05	4.02	4.94		6.79		8.63		10.53	10.53	3 / 5			
reaction time 0.175 interval			0.97	0.92		1.85		1.84		1.90		# of strides	4.02	2.77	
wind -0.1 m/s velocity		6.56	10.31	10.87		10.81		10.87		10.53	9.50		7.46	10.83	

Amici, Andrea (ITA) (1971)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 Italian National Championships (Naples, ITA)												*Locatelli (2000) - the mechanics and energetics of the 100m sprint*			
date 04-Jul-94 time	1.86	3.00	3.99	4.92	5.82	6.74				10.69	10.69				
reaction time interval		1.14	0.99	0.93	0.90	0.92				3.95		# of strides	3.99	2.75	
wind 1.0 m/s velocity	5.38	8.77	10.10	10.75	11.11	10.87				10.13	9.35		7.52	10.91	

Amo-Dadzie, Eugene (GBR) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24 time	1.90	2.95	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.12	10.12	6 / 1			
reaction time 0.157 interval		1.05	0.95	0.90	0.88	0.87	0.87	0.89	0.89	0.92		# of strides	3.90	2.65	2.65
wind 2.1 m/s velocity	5.26	9.52	10.53	11.11	11.36	11.49	11.49	11.24	11.24	10.87	9.88		7.69	11.32	11.32

Andersson, Adam (SWE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2007 Windsprint (Sundsvall, SWE)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time			4.25			7.21		9.18		11.23	11.23	/ 3			
reaction time		interval						2.96		1.97		2.05		# of strides	4.25	2.96	
wind	-0.4 m/s	velocity			7.06			10.14		10.15		9.76	8.90		7.06	10.14	

Andersen, Andres Stokke (NOR) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.18			7.09		9.06		11.12	11.12	5 / 4			
reaction time		interval						2.91		1.97		2.06		# of strides	4.18	2.91	
wind	3.0 m/s	velocity			7.18			10.31		10.15		9.71	8.99		7.18	10.31	

Andersson, Andreas (SWE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.21			7.11		9.01		10.97	10.97	/ 3			
reaction time		interval						2.90		1.90		1.96		# of strides	4.21	2.90	
wind	2.6 m/s	velocity			7.13			10.34		10.53		10.20	9.12		7.13	10.34	

Andersson, David (SWE) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2012 Windsprint (Sundsvall, SWE)														*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time			4.17			7.06		8.97		10.93	10.93	/ 1			
reaction time		interval						2.89		1.91		1.96		# of strides	4.17	2.89	
wind	2.5 m/s	velocity			7.19			10.38		10.47		10.20	9.15		7.19	10.38	

Andersson, Patrik (SWE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2015 Windsprint (Sundsvall, SWE)														*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time			4.05			6.82		8.67		10.56	10.56	4 / 2			
reaction time		interval						2.77		1.85		1.89		# of strides	4.05	2.77	
wind	0.9 m/s	velocity			7.41			10.83		10.81		10.58	9.47		7.41	10.83	
B FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			4.05			6.81		8.67		10.56	10.56	5 / 1			
reaction time		interval						2.76		1.86		1.89		# of strides	4.05	2.76	
wind	0.3 m/s	velocity			7.41			10.87		10.75		10.58	9.47		7.41	10.87	
B FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.13			6.96		8.86		10.86	10.86	6 / 6			
reaction time		interval						2.83		1.90		2.00		# of strides	4.13	2.83	
wind	1.1 m/s	velocity			7.26			10.60		10.53		10.00	9.21		7.26	10.60	
B FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.20			7.07		8.99		10.96	10.96	/ 6			
reaction time		interval						2.87		1.92		1.97		# of strides	4.20	2.87	
wind	1.8 m/s	velocity			7.14			10.45		10.42		10.15	9.12		7.14	10.45	

Angell-Petersen, Børge (NOR) (1983)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)														*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date	25-Jul-09	time			4.30			7.25		9.21		11.35	11.35	/ 6			
reaction time		interval						2.95		1.96		2.14		# of strides	4.30	2.95	
wind	3.0 m/s	velocity			6.98			10.17		10.20		9.35	8.81		6.98	10.17	
C FINAL - 2007 Windsprint (Sundsvall, SWE)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time			4.25			7.22		9.23		11.31	11.31	/ 4			
reaction time		interval						2.97		2.01		2.08		# of strides	4.25	2.97	
wind	-0.4 m/s	velocity			7.06			10.10		9.95		9.62	8.84		7.06	10.10	

Ansah, Owen (GER) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	2.00	3.05	4.00	4.90	5.77	6.65	7.54	8.42	9.32	10.22	10.22	5 / 5			
reaction time	0.164	interval		1.05	0.95	0.90	0.87	0.88	0.89	0.88	0.90	0.90		# of strides	4.00	2.65	2.67
wind	-0.2 m/s	velocity	5.00	9.52	10.53	11.11	11.49	11.36	11.24	11.36	11.11	11.11	9.78	43.2	7.50	11.32	11.24

Ansah-Peprah, Lucas (GER) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)														*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time		2.97		4.85		6.67		8.49		10.39	10.39	7 / 9			
reaction time	0.134	interval				1.88		1.82		1.82		1.90		# of strides			
wind	-0.2 m/s	velocity		6.73		10.64		10.99		10.99		10.53	9.62	46.5			

Antonov, Nikolay (BUL) (1968)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)														*Federle (2003) - http://www.fgs.uni-halle.de*			
date	29-Jun-91	time			4.11			6.90		8.76		10.66	10.66	/ 7			
reaction time		interval						2.79		1.86		1.90		# of strides	4.11	2.79	

wind	0.5 m/s	velocity			7.30			10.75		10.75		10.53	9.38		7.30	10.75

Arao, Shogo (JPN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 28-Jun-09 time	1.91	2.96	3.90	4.81	5.69	6.58	7.47	8.37	9.28	10.22	10.22	5 / 2			
reaction time interval		1.05	0.94	0.91	0.88	0.89	0.89	0.90	0.91	0.94	PB	# of strides	3.90	2.68	2.70
wind 1.9 m/s velocity	5.24	9.52	10.64	10.99	11.36	11.24	11.24	11.11	10.99	10.64	9.78		7.69	11.19	11.11

Archibald, Emanuel (GUY) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.96	3.04	3.99	4.92	5.83	6.72	7.65	8.57	9.48	10.40	10.40	6 / 8			
reaction time 0.158 interval		1.08	0.95	0.93	0.91	0.89	0.93	0.92	0.91	0.92		# of strides	3.99	2.73	2.76
wind -1.1 m/s velocity	5.10	9.26	10.53	10.75	10.99	11.24	10.75	10.87	10.99	10.87	9.62	46.0	7.52	10.99	10.87
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.9		6.7		8.5		10.43	10.43	8 / 6			
reaction time 0.149 interval				1.90		1.80		1.80		1.93		# of strides			
wind -0.2 m/s velocity		6.67		10.53		11.11		11.11		10.36	9.59	46.0			

Aremu, Farouk (NGR) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT)												*Omega Timing (2025) - diamond league race analysis*			
date 16-May-25 time	1.90	2.96	3.91	4.82	5.73	6.63	7.54	8.46	9.38	10.41	10.41	8 / 4			
reaction time 0.190 interval		1.06	0.95	0.91	0.91	0.90	0.91	0.92	0.92	1.03	PB	# of strides	3.91	2.72	2.75
wind 1.1 m/s velocity	5.26	9.43	10.53	10.99	10.99	11.11	10.99	10.87	10.87	9.71	9.61		7.67	11.03	10.91

Armfelt, Carl (SWE) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.21			7.05				11.01	11.01	6 / 7			
reaction time interval						2.84				3.96		# of strides	4.21	2.84	
wind 0.7 m/s velocity			7.13			10.56				10.10	9.08		7.13	10.56	
B FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15 time			4.10			6.91		8.79		10.72	10.72	7 / 3			
reaction time interval						2.81		1.88		1.93		# of strides	4.10	2.81	
wind 0.9 m/s velocity			7.32			10.68		10.64		10.36	9.33		7.32	10.68	
C FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.10			6.89		8.75		10.65	10.65	5 / 2			
reaction time interval						2.79		1.86		1.90	PB	# of strides	4.10	2.79	
wind 0.3 m/s velocity			7.32			10.75		10.75		10.53	9.39		7.32	10.75	
C FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.13			6.96		8.85		10.81	10.81	4 / 3			
reaction time interval						2.83		1.89		1.96		# of strides	4.13	2.83	
wind 1.7 m/s velocity			7.26			10.60		10.58		10.20	9.25		7.26	10.60	
B FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.13			7.02		8.92		10.89	10.89	/ 4			
reaction time interval						2.89		1.90		1.97		# of strides	4.13	2.89	
wind 1.0 m/s velocity			7.26			10.38		10.53		10.15	9.18		7.26	10.38	
C FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10 time			4.18			7.05		8.92		10.86	10.86	/ 2			
reaction time interval						2.87		1.87		1.94		# of strides	4.18	2.87	
wind 2.6 m/s velocity			7.18			10.45		10.70		10.31	9.21		7.18	10.45	

Armstrong, Aaron (USA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 20-Jun-03 time	1.99	3.10	4.12	5.07	5.99	6.87	7.77			10.56	10.56	2 / ~~8~~ 7			
reaction time interval		1.11	1.02	0.95	0.92	0.88	0.90			2.79		# of strides	4.12	2.75	
wind 1.6 m/s velocity	5.03	9.01	9.80	10.53	10.87	11.36	11.11			10.75	9.47		7.28	10.91	

Arnold, Jake (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time		3.13		5.10		7.06		8.99		11.01	11.01	3 / 4			
reaction time 0.163 interval				1.97		1.96		1.93		2.02	=PB	# of strides			
wind -0.4 m/s velocity		6.39		10.15		10.20		10.36		9.90	9.08				

Arnsten, Daniel (SWE) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.11			7.04		8.98		11.10	11.10	/ 5			
reaction time interval						2.93		1.94		2.12		# of strides	4.11	2.93	

wind	1.1 m/s	velocity		7.30		10.24		10.31		9.43	9.01		7.30	10.24	

Arques, José Javier (ESP) (1960)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1989 IAAF World Cup (Barcelona, ESP)														*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		3.01		4.91	5.84	6.76	7.69	8.62		10.48	10.48	/ 7			
reaction time	0.155	interval				1.90	0.93	0.92	0.93	0.93		1.86		# of strides			
wind	0.5 m/s	velocity		6.64		10.53	10.75	10.87	10.75	10.75		10.75	9.54	47.1			

Asahara, Nobuharu (JPN) (1972)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	23-Sep-08	time	1.97	3.02	3.98	4.89	5.80	6.69	7.59	8.50	9.42	10.37	10.37	/ 3			
reaction time		interval		1.05	0.96	0.91	0.91	0.89	0.90	0.91	0.92	0.95		# of strides	3.98	2.71	2.73
wind	-0.4 m/s	velocity	5.08	9.52	10.42	10.99	10.99	11.24	11.11	10.99	10.87	10.53	9.64		7.54	11.07	10.99
FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	06-Jul-08	time	1.97	3.03	3.98	4.90	5.80	6.68	7.58	8.49	9.41	10.36	10.36	/ 1			
reaction time		interval		1.06	0.95	0.92	0.90	0.88	0.90	0.91	0.92	0.95		# of strides	3.98	2.70	2.73
wind	1.5 m/s	velocity	5.08	9.43	10.53	10.87	11.11	11.36	11.11	10.99	10.87	10.53	9.65		7.54	11.11	10.99
Heat 1 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	06-Jul-08	time	1.98	3.04	4.01	4.93	5.83	6.73	7.63	8.53	9.45	10.40	10.40	/ 1			
reaction time		interval		1.06	0.97	0.92	0.90	0.90	0.90	0.90	0.92	0.95		# of strides	4.01	2.72	2.72
wind	0.5 m/s	velocity	5.05	9.43	10.31	10.87	11.11	11.11	11.11	11.11	10.87	10.53	9.62		7.48	11.03	11.03
FINAL - 2008 Japanese National Championship (Kawasaki, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	29-Jun-08	time	1.93	2.98	3.94	4.85	5.76	6.65	7.56	8.47	9.41	10.37	10.37	/ 2			
reaction time		interval		1.05	0.96	0.91	0.91	0.89	0.91	0.91	0.94	0.96		# of strides	3.94	2.71	2.76
wind	-0.2 m/s	velocity	5.18	9.52	10.42	10.99	10.99	11.24	10.99	10.99	10.64	10.42	9.64		7.61	11.07	10.87
A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	10-May-08	time	1.95	3.04	4.03	4.98	5.92	6.85	7.80	8.75	9.75	10.83	10.83	/ 8			
reaction time		interval		1.09	0.99	0.95	0.94	0.93	0.95	0.95	1.00	1.08		# of strides	4.03	2.82	2.90
wind	0.8 m/s	velocity	5.13	9.17	10.10	10.53	10.64	10.75	10.53	10.53	10.00	9.26	9.23		7.44	10.64	10.34
Heat 1 - 2008 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	29-Apr-08	time	1.92	2.96	3.91	4.83	5.72	6.61	7.49	8.37	9.26	10.17	10.17	/ 1			
reaction time		interval		1.04	0.95	0.92	0.89	0.89	0.88	0.88	0.89	0.91		# of strides	3.91	2.70	2.65
wind	0.6 m/s	velocity	5.21	9.62	10.53	10.87	11.24	11.24	11.36	11.36	11.24	10.99	9.83		7.67	11.11	11.32
Semi-Final 1 - 2007 IAAF World Championships (Osaka, JPN)														*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date	26-Aug-07	time	1.94	2.99	3.94	4.85	5.75	6.64	7.54	8.45	9.38	10.36	10.36	3 / 8			
reaction time	0.161	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.91	0.93	0.98		# of strides	3.94	2.70	2.74
wind	0.3 m/s	velocity	5.15	9.52	10.53	10.99	11.11	11.24	11.11	10.99	10.75	10.20	9.65	47.0	7.61	11.11	10.95
Quarter-Final 1 - 2007 IAAF World Championships (Osaka, JPN)														*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date	25-Aug-07	time	1.91	2.95	3.90	4.80	5.69	6.57	7.44	8.33	9.24	10.16	10.16	4 / 4			
reaction time	0.143	interval		1.04	0.95	0.90	0.89	0.88	0.87	0.89	0.91	0.92		# of strides	3.90	2.67	2.67
wind	0.8 m/s	velocity	5.24	9.62	10.53	11.11	11.24	11.36	11.49	11.24	10.99	10.87	9.84	46.2	7.69	11.24	11.24
Heat 1 - 2007 IAAF World Championships (Osaka, JPN)														*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date	25-Aug-07	time	1.90	2.94	3.88	4.77	5.64	6.51	7.38	8.27	9.18	10.14	10.14	1 / 1			
reaction time	0.147	interval		1.04	0.94	0.89	0.87	0.87	0.87	0.89	0.91	0.96		# of strides	3.88	2.63	2.67
wind	1.0 m/s	velocity	5.26	9.62	10.64	11.24	11.49	11.49	11.49	11.24	10.99	10.42	9.86		7.73	11.41	11.24
FINAL - 2007 Japanese National Championships (Osaka, JPN)														*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date	01-Jul-07	time	1.91	2.96	3.92	4.83	5.74	6.64	7.55	8.47	9.41	10.39	10.39	/ 2			
reaction time		interval		1.05	0.96	0.91	0.91	0.90	0.91	0.92	0.94	0.98		# of strides	3.92	2.72	2.77
wind	-0.3 m/s	velocity	5.24	9.52	10.42	10.99	10.99	11.11	10.99	10.87	10.64	10.20	9.62		7.65	11.03	10.83
FINAL - 2007 Osaka Grand Prix (Osaka, JPN)														*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date	05-May-07	time	1.94	3.00	3.95	4.86	5.76	6.66	7.56	8.48	9.41	10.38	10.38	/ 3			
reaction time		interval		1.06	0.95	0.91	0.90	0.90	0.90	0.92	0.93	0.97		# of strides	3.95	2.71	2.75
wind	0.4 m/s	velocity	5.15	9.43	10.53	10.99	11.11	11.11	11.11	10.87	10.75	10.31	9.63		7.59	11.07	10.91
FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date	29-Apr-07	time	1.91	2.95	3.90	4.80	5.69	6.56	7.45	8.34	9.25	10.18	10.18	/ 1			
reaction time		interval		1.04	0.95	0.90	0.89	0.87	0.89	0.89	0.91	0.93		# of strides	3.90	2.66	2.69
wind	2.2 m/s	velocity	5.24	9.62	10.53	11.11	11.24	11.49	11.24	11.24	10.99	10.75	9.82		7.69	11.28	11.15
FINAL - 2001 ISTAF (Berlin, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	31-Aug-01	time		2.96	3.91	4.82		6.59		8.39		10.30	10.30	/ 6			
reaction time	0.165	interval			0.95	0.91		1.77		1.80		1.91		# of strides	3.91	2.68	

wind	0.6 m/s	velocity		6.76	10.53	10.99		11.30		11.11		10.47	9.71	7.67	11.19

Åselius, Erik (SWE) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			4.39		7.44		9.45		11.56	11.56	/ 2			
reaction time	interval					3.05		2.01		2.11		# of strides	4.39	3.05	
wind 0.9 m/s	velocity			6.83		9.84		9.95		9.48	8.65		6.83	9.84	

Asemota, Duan (CAN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.95	3.02	3.98	4.89	5.76	6.64	7.52	8.39	9.29	10.17	10.17	5 / 5		
reaction time 0.143	interval		1.07	0.96	0.91	0.87	0.88	0.88	0.87	0.90	0.88		# of strides	3.98	2.66	2.65
wind 0.0 m/s	velocity	5.13	9.35	10.42	10.99	11.49	11.36	11.36	11.49	11.11	11.36	9.83	47.0	7.54	11.28	11.32

Ashe, Favour (NGR) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	1.87	2.94	3.87	4.76	5.65	6.51	7.39	8.27	9.17	10.08	10.08	1 / 6		
reaction time 0.149	interval		1.07	0.93	0.89	0.89	0.86	0.88	0.88	0.90	0.91		# of strides	3.87	2.64	2.66
wind 0.7 m/s	velocity	5.35	9.35	10.75	11.24	11.24	11.63	11.36	11.36	11.11	10.99	9.92	46.0	7.75	11.36	11.28
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.92	2.98	3.92	4.82	5.69	6.55	7.43	8.32	9.22	10.16	10.16	3 / 4		
reaction time 0.148	interval		1.06	0.94	0.90	0.87	0.86	0.88	0.89	0.90	0.94		# of strides	3.92	2.63	2.67
wind 0.0 m/s	velocity	5.21	9.43	10.64	11.11	11.49	11.63	11.36	11.24	11.11	10.64	9.84	46.0	7.65	11.41	11.24

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		2.9		4.7		6.5		8.3		10.24	10.24	7 / 3		
reaction time 0.157	interval				1.80		1.80		1.80		1.94		# of strides			
wind -1.2 m/s	velocity		6.90		11.11		11.11		11.11		10.31	9.77	46.0			

Atago, Rai (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
date 29-Jul-21	time	1.92	3.01	3.99	4.93	5.85	6.76	7.67	8.59	9.52	10.47	10.47	4 / 3		
reaction time 0.133	interval		1.09	0.98	0.94	0.92	0.91	0.91	0.92	0.93	0.95	**PB**	# of strides	3.99	2.77	2.76
wind 1.8 m/s	velocity	5.21	9.17	10.20	10.64	10.87	10.99	10.99	10.87	10.75	10.53	9.55		7.52	10.83	10.87

Ataide, Manuel (TLS) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	2.14	3.28	4.30	5.28	6.25	7.23	8.24	9.25	10.30	11.35	11.35	9 / 8		
reaction time 0.145	interval		1.14	1.02	0.98	0.97	0.98	1.01	1.01	1.05	1.05	**NR PB**	# of strides	4.30	2.93	3.07
wind 0.1 m/s	velocity	4.67	8.77	9.80	10.20	10.31	10.20	9.90	9.90	9.52	9.52	8.81	47.7	6.98	10.24	9.77

Atkins, Derrick (BAH) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.04	4.00	4.92		6.70		8.56		10.44	10.44	2 / 5		
reaction time 0.139	interval			0.96	0.92		1.78		1.86		1.88		# of strides	4.00	2.70	
wind -0.4 m/s	velocity		6.58	10.42	10.87		11.24		10.75		10.64	9.58		7.50	11.11	

FINAL - 2007 IAAF World Championships (Osaka, JPN)												*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*			
date 26-Aug-07	time	1.90	2.93	3.87	4.75	5.62	6.47	7.33	8.18	9.04	9.91	9.91	6 / 2		
reaction time 0.137	interval		1.03	0.94	0.88	0.87	0.85	0.86	0.85	0.86	0.87	**NR**	# of strides	3.87	2.60	2.57
wind -0.5 m/s	velocity	5.26	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	10.09	44.2	7.75	11.54	11.67

Semi-Final 1 - 2007 IAAF World Championships (Osaka, JPN)												*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date 26-Aug-07	time	1.92	2.97	3.90	4.79	5.66	6.52	7.37	8.24	9.11	10.04	10.04	6 / 1		
reaction time 0.166	interval		1.05	0.93	0.89	0.87	0.86	0.85	0.87	0.87	0.93		# of strides	3.90	2.62	2.59
wind 0.3 m/s	velocity	5.21	9.52	10.75	11.24	11.49	11.63	11.76	11.49	11.49	10.75	9.96	44.0	7.69	11.45	11.58

Quarter-Final 1 - 2007 IAAF World Championships (Osaka, JPN)												*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date 25-Aug-07	time	1.89	2.93	3.88	4.76	5.63	6.49	7.35	8.21	9.09	10.02	10.02	8 / 2		
reaction time 0.150	interval		1.04	0.95	0.88	0.87	0.86	0.86	0.86	0.88	0.93		# of strides	3.88	2.61	2.60
wind 0.8 m/s	velocity	5.29	9.62	10.53	11.36	11.49	11.63	11.63	11.63	11.36	10.75	9.98	44.2	7.73	11.49	11.54

Heat 2 - 2007 IAAF World Championships (Osaka, JPN)												*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*			
date 25-Aug-07	time	1.92	3.00	3.96	4.88	5.77	6.65	7.54	8.43	9.33	10.25	10.25	5 / 3		
reaction time 0.158	interval		1.08	0.96	0.92	0.89	0.88	0.89	0.89	0.90	0.92		# of strides	3.96	2.69	2.68
wind 1.0 m/s	velocity	5.21	9.26	10.42	10.87	11.24	11.36	11.24	11.24	11.11	10.87	9.76		7.58	11.15	11.19

Augustine, Devin (TTO) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.95	3.01	3.98	4.90	5.79	6.69	7.58	8.47	9.38	10.31	10.31	6 / 5		
reaction time 0.164	interval		1.06	0.97	0.92	0.89	0.90	0.89	0.89	0.91	0.93		# of strides	3.98	2.71	2.69

wind	0.2 m/s	velocity	5.13	9.43	10.31	10.87	11.24	11.11	11.24	11.24	10.99	10.75	9.70	42.2	7.54	11.07	11.15

Austin, Pjai (USA) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)														*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	1.96	2.97	3.93	4.81	5.68	6.54	7.40	8.27	9.15	10.06	10.06	1 / 6			
reaction time	0.139	interval		1.01	0.96	0.88	0.87	0.86	0.86	0.87	0.88	0.91		# of strides	3.93	2.61	2.61
wind	1.9 m/s	velocity	5.10	9.90	10.42	11.36	11.49	11.63	11.63	11.49	11.36	10.99	9.94	44.0	7.63	11.49	11.49
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)														*Omega Timing (2023) - diamond league race analysis*			
date	16-Jul-23	time	1.92	2.97	3.93	4.83	5.72	6.61	7.49	8.38	9.30	10.23	10.23	8 / 8			
reaction time	0.155	interval		1.05	0.96	0.90	0.89	0.89	0.88	0.89	0.92	0.93		# of strides	3.93	2.68	2.69
wind	0.0 m/s	velocity	5.21	9.52	10.42	11.11	11.24	11.24	11.36	11.24	10.87	10.75	9.78	45.5	7.63	11.19	11.15

Awuah Baffour, Stephen (ITA) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.93	2.99	3.95	4.87	5.76	6.67					6.67	8 / 7			
reaction time	0.173	interval		1.06	0.96	0.92	0.89	0.91						# of strides	3.95	2.72	
		velocity	5.18	9.43	10.42	10.87	11.24	10.99					9.00		7.59	11.03	

Axelson, Truls (SWE) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
E FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			4.25			7.20		9.16		11.15	11.15	1 / 8			
reaction time		interval						2.95		1.96		1.99		# of strides	4.25	2.95	
wind	2.1 m/s	velocity			7.06			10.17		10.20		10.05	8.97		7.06	10.17	

Azamati, Benjamin (GHA) (1998)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	1.89	2.95	3.92	4.83	5.72	6.60	7.48	8.37	9.26	10.17	10.17	3 / 9			
reaction time	0.136	interval		1.06	0.97	0.91	0.89	0.88	0.88	0.89	0.89	0.91		# of strides	3.92	2.68	2.66
wind	0.7 m/s	velocity	5.29	9.43	10.31	10.99	11.24	11.36	11.36	11.24	11.24	10.99	9.83	47.2	7.65	11.19	11.28
Heat 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.98	3.04	3.96	4.87	5.73	6.58	7.46	8.33	9.22	10.08	10.08	6 / 2			
reaction time	0.176	interval		1.06	0.92	0.91	0.86	0.85	0.88	0.87	0.89	0.86		# of strides	3.96	2.62	2.64
wind	0.6 m/s	velocity	5.05	9.43	10.87	10.99	11.63	11.76	11.36	11.49	11.24	11.63	9.92	47.7	7.58	11.45	11.36
FINAL - 2024 Prefontaine Classic (Eugene, OR)														*Omega Timing (2024) - diamond league race analysis*			
date	25-May-24	time	1.96	3.01	3.97	4.88	5.76	6.63	7.51	8.39	9.30	10.21	10.21	2 / 7			
reaction time	0.178	interval		1.05	0.96	0.91	0.88	0.87	0.88	0.88	0.91	0.91		# of strides	3.97	2.66	2.67
wind	1.2 m/s	velocity	5.10	9.52	10.42	10.99	11.36	11.49	11.36	11.36	10.99	10.99	9.79	47.0	7.56	11.28	11.24
FINAL - 2023 Meeting de Paris (Paris, FRA)														*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	1.89	2.94	3.88	4.79	5.68	6.56	7.45	8.35	9.25	10.20	10.20	1 / 6			
reaction time	0.187	interval		1.05	0.94	0.91	0.89	0.88	0.89	0.90	0.90	0.95		# of strides	3.88	2.68	2.69
wind	-0.9 m/s	velocity	5.29	9.52	10.64	10.99	11.24	11.36	11.24	11.11	11.11	10.53	9.80	47.5	7.73	11.19	11.15
FINAL - 2023 FBK Games (Hengelo, NED)														*Omega Timing (2023) - continental tour race analysis*			
date	04-Jun-23	time	1.92	2.97	3.91	4.80	5.69	6.56	7.45	8.34	9.24	10.18	10.18	2 / 7			
reaction time	0.123	interval		1.05	0.94	0.89	0.89	0.87	0.89	0.89	0.90	0.94		# of strides	3.91	2.65	2.68
wind	0.4 m/s	velocity	5.21	9.52	10.64	11.24	11.24	11.49	11.24	11.24	11.11	10.64	9.82	47.2	7.67	11.32	11.19

FINAL - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.0		4.8		6.6		8.3		10.16	10.16	1 / 4			
reaction time		interval				1.80		1.80		1.70		1.86		# of strides			
wind	-0.9 m/s	velocity		6.67		11.11		11.11		11.76		10.75	9.84	47.0			
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		2.9		4.8		6.6		8.3		10.18	10.18	6 / 3			
reaction time	0.180	interval				1.90		1.80		1.70		1.88		# of strides			
wind	0.4 m/s	velocity		6.90		10.53		11.11		11.76		10.64	9.82	47.2			
FINAL - 2022 Meeting de Paris (Paris, FRA)														*Omega Timing (2022) - diamond league race analysis*			
date	18-Jun-22	time		2.99		4.86		6.66		8.44		10.25	10.25	4 / 1			
reaction time	0.182	interval				1.87		1.80		1.78		1.81		# of strides			
wind	-1.6 m/s	velocity		6.69		10.70		11.11		11.24		11.05	9.76				
FINAL - 2022 Bislett Games (Oslo, NOR)														*Omega Timing (2022) - diamond league race analysis*			
date	16-Jun-22	time		2.98		4.82		6.57		8.33		10.15	10.15	6 / 5			
reaction time	0.205	interval				1.84		1.75		1.76		1.82		# of strides			
wind	0.5 m/s	velocity		6.71		10.87		11.43		11.36		10.99	9.85	47.0			

Azhar, Murtadha (IRQ) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT) — *Omega Timing (2025) - diamond league race analysis*

date	16-May-25	time	1.86	2.92	3.87	4.78	5.69	6.58	7.48	8.41	9.33	10.34	10.34	6 / 3			
reaction time	0.140	interval		1.06	0.95	0.91	0.91	0.89	0.90	0.93	0.92	1.01	PB	# of strides	3.87	2.71	2.75
wind	1.4 m/s	velocity	5.38	9.43	10.53	10.99	10.99	11.24	11.11	10.75	10.87	9.90	9.67	47.0	7.75	11.07	10.91

Azu, Jeremiah (GBR) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) — *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	1.90	2.95	3.91	4.83	5.73	6.61	7.50	8.39	9.29	10.19	10.19	8 / 7			
reaction time	0.145	interval		1.05	0.96	0.92	0.90	0.88	0.89	0.89	0.90	0.90		# of strides	3.91	2.70	2.68
wind	0.5 m/s	velocity	5.26	9.52	10.42	10.87	11.11	11.36	11.24	11.24	11.11	11.11	9.81	47.0	7.67	11.11	11.19

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

date	26-Apr-25	time	1.90	2.95	3.90	4.82	5.72	6.59	7.46	8.35	9.25	10.17	10.17	7 / 3			
reaction time	0.137	interval		1.05	0.95	0.92	0.90	0.87	0.87	0.89	0.90	0.92		# of strides	3.90	2.69	2.66
wind	0.2 m/s	velocity	5.26	9.52	10.53	10.87	11.11	11.49	11.49	11.24	11.11	10.87	9.83	46.7	7.69	11.15	11.28

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.81	2.86	3.80	4.70	5.59	6.49					6.49	4 / 1			
reaction time	0.129	interval		1.05	0.94	0.90	0.89	0.90					PB	# of strides	3.80	2.69	
		velocity	5.52	9.52	10.64	11.11	11.24	11.11					9.24	30.0	7.89	11.15	

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.85	2.90	3.84	4.75	5.63	6.52					6.52	5 / 1			
reaction time	0.136	interval		1.05	0.94	0.91	0.88	0.89					PB	# of strides	3.84	2.68	
		velocity	5.41	9.52	10.64	10.99	11.36	11.24					9.20		7.81	11.19	

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

date	30-Aug-24	time	1.90	2.96	3.91	4.82	5.71	6.59	7.47	8.36	9.26	10.17	10.17	8 / 8			
reaction time	0.150	interval		1.06	0.95	0.91	0.89	0.88	0.88	0.89	0.90	0.91		# of strides	3.91	2.68	2.67
wind	0.3 m/s	velocity	5.26	9.43	10.53	10.99	11.24	11.36	11.36	11.24	11.11	10.99	9.83	47.2	7.67	11.19	11.24

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

date	25-Aug-24	time	1.91	2.94	3.88	4.77	5.66	6.51	7.38	8.23	9.14	10.05	10.05	8 / 5			
reaction time	0.171	interval		1.03	0.94	0.89	0.89	0.85	0.87	0.85	0.91	0.91		# of strides	3.88	2.63	2.63
wind	1.9 m/s	velocity	5.24	9.71	10.64	11.24	11.24	11.76	11.49	11.76	10.99	10.99	9.95	46.0	7.73	11.41	11.41

FINAL - 2024 London Athletics Meet (London, GBR) — *Omega Timing (2024) - diamond league race analysis*

date	20-Jul-24	time	1.90	2.96	3.90	4.80	5.69	6.56	7.43	8.31	9.20	10.08	10.08	2 / 7			
reaction time	0.144	interval		1.06	0.94	0.90	0.89	0.87	0.87	0.88	0.89	0.88		# of strides	3.90	2.66	2.64
wind	-0.3 m/s	velocity	5.26	9.43	10.64	11.11	11.24	11.49	11.49	11.36	11.24	11.36	9.92	47.2	7.69	11.28	11.36

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

date	16-Jul-23	time	1.91	2.98	3.95	0.86	5.77	6.66	7.55	8.45	9.36	10.31	10.31	9 / 9			
reaction time	0.144	interval		1.07	0.97	-3.09	4.91	0.89	0.89	0.90	0.91	0.95		# of strides	3.95	2.71	2.70
wind	0.0 m/s	velocity	5.24	9.35	10.31	-3.24	2.04	11.24	11.24	11.11	10.99	10.53	9.70	46.7	7.59	11.07	11.11

FINAL - 2023 FBK Games (Hengelo, NED) — *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.88	2.93	3.88	4.79	5.69	6.58	7.47	8.37	9.27	10.21	10.21	9 / 8			
reaction time	0.135	interval		1.05	0.95	0.91	0.90	0.89	0.89	0.90	0.90	0.94		# of strides	3.88	2.70	2.69
wind	0.4 m/s	velocity	5.32	9.52	10.53	10.99	11.11	11.24	11.24	11.11	11.11	10.64	9.79	46.2	7.73	11.11	11.15

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) — *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.91	2.97	3.92	4.83	5.73	6.62	7.50	8.38	9.27	10.20	10.20	9 / 7			
reaction time	0.166	interval		1.06	0.95	0.91	0.90	0.89	0.88	0.88	0.89	0.93		# of strides	3.92	2.70	2.65
wind	0.1 m/s	velocity	5.24	9.43	10.53	10.99	11.11	11.24	11.36	11.36	11.24	10.75	9.80	46.5	7.65	11.11	11.32

FINAL - 2022 Commonwealth Games (Birmingham, GBR) — *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.6		8.3		10.19	10.19	7 / 5			
reaction time		interval				1.90		1.80		1.70		1.89		# of strides			
wind	-0.9 m/s	velocity		6.90		10.53		11.11		11.76		10.58	9.81	48.0			

Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR) — *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.5		8.3		10.15	10.15	1 / 2			
reaction time	0.153	interval				1.90		1.70		1.80		1.85	PB	# of strides			
wind	0.4 m/s	velocity		6.90		10.53		11.76		11.11		10.81	9.85	47.0			

FINAL - 2022 FBK Games (Hengelo, NED) — *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time		2.9		4.8		6.6		8.4		10.28	10.28	7 / 4			
reaction time	0.143	interval				1.90		1.80		1.80		1.88		# of strides			
wind	-0.3 m/s	velocity		6.90		10.53		11.11		11.11		10.64	9.73	47.0			

Azzopardi, Joshua (AUS) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	1.93	3.00	3.95	4.86	5.75	6.64	7.52	8.40	9.30	10.20	10.20	4 / 4		
reaction time	0.142	interval		1.07	0.95	0.91	0.89	0.89	0.88	0.88	0.90	0.90		# of strides	3.95	2.69	2.66
wind	0.2 m/s	velocity	5.18	9.35	10.53	10.99	11.24	11.24	11.36	11.36	11.11	11.11	9.80	46.5	7.59	11.15	11.28

Baba, Tomoya (JPN) (1990)

B FINAL - 2017 Fuse Sprint (Fuse, JPN) — *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 04-Jun-17	time	1.90	2.97	3.93	4.85	5.74	6.62	7.50	8.41	9.33	10.26	10.26	/ 1			
reaction time	interval		1.07	0.96	0.92	0.89	0.88	0.88	0.91	0.92	0.93		# of strides	3.93	2.69	2.71
wind 2.1 m/s	velocity	5.26	9.35	10.42	10.87	11.24	11.36	11.36	10.99	10.87	10.75	9.75	47.7	7.63	11.15	11.07

Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN) — *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.96	3.05	4.04	5.00	5.95	6.89	7.83	8.79	9.76	10.75	10.75	3 / 7		
reaction time		interval		1.09	0.99	0.96	0.95	0.94	0.94	0.96	0.97	0.99		# of strides	4.04	2.85	2.87
wind	1.8 m/s	velocity	5.10	9.17	10.10	10.42	10.53	10.64	10.64	10.42	10.31	10.10	9.30	52.0	7.43	10.53	10.45

Bäcke, Gabriel (SWE) (2000)

D FINAL - 2017 Windsprint (Sundsvall, SWE) — *(2017) - www.windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 30-Jul-17	time		4.38		6.37	7.37		9.39		11.50	11.50	3 / 3			
reaction time	interval				1.99	1.00		2.02		2.11		# of strides	4.38	2.99	
wind 1.2 m/s	velocity		6.85		10.05	10.00		9.90		9.48	8.70		6.85	10.03	

Bah, Sulayman (SWE) (1986)

A FINAL - 2015 Windsprint (Sundsvall, SWE) — *(2015) - www.windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 26-Jul-15	time		3.98			6.74		8.57		10.51	10.51	3 / 4			
reaction time	interval					2.76		1.83		1.94		# of strides	3.98	2.76	
wind 1.0 m/s	velocity		7.54			10.87		10.93		10.31	9.51		7.54	10.87	

Bah, Sulayman (GAM) (1986)

A FINAL - 2014 Windsprint (Sundsvall, SWE) — *(2014) - www.ssg.se/windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 20-Jul-14	time		4.06			6.81		8.62		10.48	10.48	8 / ~~7~~ 6			
reaction time	interval					2.75		1.81		1.86	PB	# of strides	4.06	2.75	
wind 1.5 m/s	velocity		7.39			10.91		11.05		10.75	9.54		7.39	10.91	

B FINAL - 2013 Windsprint (Sundsvall, SWE) — *(2013) - www.ssg.se/windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 28-Jul-13	time		4.10			6.88		8.73		10.65	10.65	4 / 2			
reaction time	interval					2.78		1.85		1.92		# of strides	4.10	2.78	
wind 1.1 m/s	velocity		7.32			10.79		10.81		10.42	9.39		7.32	10.79	

Bailey, Daniel (ANT) (1986)

FINAL - 2011 IAAF World Championships (Daegu, KOR) — *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 28-Aug-11	time	2.96	3.95	4.84	5.73	6.61	7.50	8.37	9.28	10.26	10.26	2 / 5			
reaction time 0.165	interval		0.99	0.89	0.89	0.88	0.89	0.87	0.91	0.98		# of strides	3.95	2.66	2.67
wind -1.4 m/s	velocity	6.76	10.10	11.24	11.24	11.36	11.24	11.49	10.99	10.20	9.75	48.0	7.59	11.28	11.24

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

date	16-Aug-09	time	2.92	3.85	4.73		6.48		8.18		9.93	9.93	3 / 4			
reaction time	0.129	interval		0.93	0.88		1.75		1.70		1.75		# of strides	3.85	2.63	
wind	0.9 m/s	velocity	6.85	10.75	11.36		11.43		11.76		11.43	10.07		7.79	11.41	

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	2.93	3.86	4.74		6.49		8.19		9.96	9.96	4 / 2			
reaction time	0.135	interval		0.93	0.88		1.75		1.70		1.77		# of strides	3.86	2.63	
wind	0.2 m/s	velocity	6.83	10.75	11.36		11.43		11.76		11.30	10.04	48.0	7.77	11.41	

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.99	3.89	4.74		6.49		8.20		10.02	10.02	3 / 1			
reaction time	0.149	interval		0.90	0.85		1.75		1.71		1.82		# of strides	3.89	2.60	
wind	0.1 m/s	velocity	6.69	11.11	11.76		11.43		11.70		10.99	9.98		7.71	11.54	

Heat 5 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.99	3.93	4.83		6.63		8.42		10.26	10.26	6 / 1			
reaction time	0.164	interval		0.94	0.90		1.80		1.79		1.84		# of strides	3.93	2.70	
wind	-0.7 m/s	velocity	6.69	10.64	11.11		11.11		11.17		10.87	9.75		7.63	11.11	

FINAL - 2009 ISTAF (Berlin, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.96	3.89	4.78		6.51		8.26		10.03	10.03	/ 1			
reaction time	0.204	interval		0.93	0.89		1.73		1.75		1.77		# of strides	3.89	2.62	
wind	1.4 m/s	velocity	6.76	10.75	11.24		11.56		11.43		11.30	9.97		7.71	11.45	

Bailey, Donovan (CAN) (1967)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 03-Aug-97	time	1.77	2.80	3.71	4.58	5.43	6.28	7.13	7.99	8.86	9.76	9.91	4 / 2			

reaction time	0.145	interval		1.03	0.91	0.87	0.85	0.85	0.85	0.86	0.87	0.90		# of strides	3.71	2.57	2.58
wind	0,2 m/s	velocity	5.65	9.71	10.99	11.49	11.76	11.76	11.76	11.63	11.49	11.11	10.09	44.5	8.09	11.67	11.63

FINAL - 1997 Live (Nurnberg, GER) *Grosser (2007) - Schnelligkeitsairtraining*

date	13-Jun-97	time	1.92	2.94	3.85	4.72	5.58	6.43	7.31	8.18	9.06	9.94	9.94	/ 1			
reaction time		interval		1.02	0.91	0.87	0.86	0.85	0.88	0.87	0.88	0.88		# of strides	3.85	2.58	2.63
wind	0.5 m/s	velocity	5.21	9.80	10.99	11.49	11.63	11.76	11.36	11.49	11.36	11.36	10.06		7.79	11.63	11.41

FINAL - 1996 Olympic Games (Atlanta, GA) *Grosser (2007) - Schnelligkeitsairtraining*

date	27-Jul-96	time	1.90	2.93	3.84	4.71	5.55	6.39	7.24	8.09	8.95	9.84	9.84	6 / 1			
reaction time	0.174	interval		1.03	0.91	0.87	0.84	0.84	0.85	0.85	0.86	0.89	**WR**	# of strides	3.84	2.55	2.56
wind	0.7 m/s	velocity	5.26	9.71	10.99	11.49	11.90	11.90	11.76	11.76	11.63	11.24	10.16	44.0	7.81	11.76	11.72

FINAL - 1996 Leichtathletik Gala (Duisburg, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	12-Jun-96	time	1.90		3.84			6.41		8.12		9.88	9.88	/ 1			
reaction time		interval			1.94			2.57		1.71		1.76		# of strides	3.84	2.57	
wind	4.0 m/s	velocity	5.26		10.31			11.67		11.70		11.36	10.12		7.81	11.67	

Bailey, Ryan (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championsips (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08 time	2.00	3.09	4.05	4.95	5.85	6.74	7.62	8.54	9.43	10.34	10.34	6 / 3			
reaction time		1.09	0.96	0.90	0.90	0.89	0.88	0.92	0.89	0.91		# of strides	4.05	2.69	2.69
wind 1.1 m/s velocity	5.00	9.17	10.42	11.11	11.11	11.24	11.36	10.87	11.24	10.99	9.67		7.41	11.15	11.15

Bailey-Cole, Kemar (JAM) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.8		6.6		8.3		10.25	10.25	9 / 4			
reaction time 0.169				1.80		1.80		1.70		1.95		# of strides			
wind -1.2 m/s velocity		6.67		11.11		11.11		11.76		10.26	9.76	42.0			

Bakalár, Marek (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	1.97	2.98	3.97	4.87	5.78	6.67	7.58	8.51	9.46	10.44	10.44	5 / 3			
reaction time 0.148		1.01	0.99	0.90	0.91	0.89	0.91	0.93	0.95	0.98	**PB**	# of strides	3.97	2.70	2.79
wind 0.8 m/s velocity	5.08	9.90	10.10	11.11	10.99	11.24	10.99	10.75	10.53	10.20	9.58		7.56	11.11	10.75

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

date	15-Jun-13	time		3.03		4.95		6.78		8.65		10.59	10.59	4 / 1			
reaction time	0.140	interval				1.92		1.83		1.87		1.94		# of strides			
wind	-1.2 m/s	velocity		6.60		10.42		10.93		10.70		10.31	9.44				

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.93	3.03	4.03	4.99	5.92	6.90					6.90	8 / 6			
reaction time	0.157	interval		1.10	1.00	0.96	0.93	0.98						# of strides	4.03	2.87	
		velocity	5.18	9.09	10.00	10.42	10.75	10.20					8.70		7.44	10.45	

Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.94	3.05	4.03	4.98	5.92	6.87					6.87	3 / 3			
reaction time	0.154	interval		1.11	0.98	0.95	0.94	0.95						# of strides	4.03	2.84	
		velocity	5.15	9.01	10.20	10.53	10.64	10.53					8.73		7.44	10.56	

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.92	3.06	4.05	4.99	5.95	6.90					6.90	4 / 2			
reaction time	0.141	interval		1.14	0.99	0.94	0.96	0.95						# of strides	4.05	2.85	
		velocity	5.21	8.77	10.10	10.64	10.42	10.53					8.70		7.41	10.53	

Baker, Ronnie (USA) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Meeting de Paris (Paris, FRA)												*Omega Timing (2023) - diamond league race analysis*			
date 09-Jun-23 time	1.86	2.91	3.85	4.76	5.65	6.54	7.43	8.32	9.22	10.17	10.17	8 / 5			
reaction time 0.151		1.05	0.94	0.91	0.89	0.89	0.89	0.89	0.90	0.95		# of strides	3.85	2.69	2.68
wind -0.9 m/s velocity	5.38	9.52	10.64	10.99	11.24	11.24	11.24	11.24	11.11	10.53	9.83	46.7	7.79	11.15	11.19

FINAL - 2023 FBK Games (Hengelo, NED) *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.87	2.93	3.88	4.79	5.67	6.55	7.43	8.32	9.20	10.13	10.13	7 / 5			
reaction time	0.135	interval		1.06	0.95	0.91	0.88	0.88	0.88	0.89	0.88	0.93		# of strides	3.88	2.67	2.65
wind	0.4 m/s	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.36	11.24	11.36	10.75	9.87	46.0	7.73	11.24	11.32

FINAL - 2021 Weltklasse (Zürich, SUI) *Omega Timing (2021) - diamond league race analysis*

date	09-Sep-21	time		2.9		4.7		6.4		8.2		9.91	9.91	4 / 3			
reaction time	0.134	interval				1.80		1.70		1.80		1.71		# of strides			
wind	-0.4 m/s	velocity		6.90		11.11		11.76		11.11		11.70	10.09	44.7			

FINAL - 2021 Prefontaine Classic (Eugene, OR) *Omega Timing (2021) - diamond league race analysis*

date	21-Aug-21	time	3.0	4.7	6.4	8.1	9.82	9.82	2 / 3	
reaction time	0.138	interval		1.70	1.70	1.70	1.72		# of strides	
wind	2.9 m/s	velocity	6.67	11.76	11.76	11.76	11.63	10.18	45.2	

FINAL - 2020 Olympic Games (Tokyo, JPN) *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time	3.81	6.43	8.15	9.95	9.95	7 / 5		
reaction time	0.148	interval		2.62	3.52	1.80		# of strides	3.81	2.62
wind	0.1 m/s	velocity	7.87	11.45	5.68	11.11	10.05	45.2	7.87	11.45

Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time	3.82	6.37	8.06	9.83	9.83	6 / 2		
reaction time	0.190	interval		2.55	3.46	1.77	PB	# of strides	3.82	2.55
wind	0.9 m/s	velocity	7.85	11.76	5.78	11.30	10.17	44.2	7.85	11.76

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time	3.0	4.8	6.5	8.2	9.91	9.91	3 / 1	
reaction time	0.176	interval		1.80	1.70	1.70	1.71		# of strides	
wind	0.3 m/s	velocity	6.67	11.11	11.76	11.76	11.70	10.09	45.5	

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

date	04-Jul-21	time	2.9	4.8	6.5	8.3	10.03	10.03	4 / 1	
reaction time	0.149	interval		1.90	1.70	1.80	1.73		# of strides	
wind	-0.8 m/s	velocity	6.90	10.53	11.76	11.11	11.56	9.97	46.0	

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.02	3.02	3.91	4.80	5.66	6.54	6.54	3 / 1	
reaction time	0.194	interval		1.00	0.89	0.89	0.86	0.88		# of strides	3.91	2.63
		velocity	4.95	10.00	11.24	11.24	11.63	11.36	9.17	30.2	7.67	11.41

Balcerzak, Piotr (POL) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL 1 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	3.02	4.01	4.95	6.80		8.63		10.51	10.51	/ 1			
reaction time	0.149	interval		0.99	0.94	1.85		1.83		1.88		# of strides	4.01	2.79	
wind	0.6 m/s	velocity	6.62	10.10	10.64	10.81		10.93		10.64	9.51		7.48	10.75	

Bangura, Gibrilla Pato (SLE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 Windsprint (Sundsvall, SWE) *(2008) - www.ssg.se/en/Windsprint/Split-times/*

date	06-Jul-08	time		4.05		6.83		8.67		10.59	10.59	7 / 6			
reaction time		interval				2.78		1.84		1.92		# of strides	4.05	2.78	
wind	1.6 m/s	velocity		7.41		10.79		10.87		10.42	9.44	48.0	7.41	10.79	

Bardi, Felipe (BRA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	1.97	3.02	3.97	4.88	5.76	6.63	7.52	8.40	9.31	10.18	10.18	2 / 4		
reaction time	0.137	interval		1.05	0.95	0.91	0.88	0.87	0.89	0.88	0.91	0.87		# of strides	3.97	2.66	2.68
wind	0.6 m/s	velocity	5.08	9.52	10.53	10.99	11.36	11.49	11.24	11.36	10.99	11.49	9.82	44.7	7.56	11.28	11.19

Barkhall, Matias (NOR) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		4.41		7.73		9.85		12.16	12.16	/ 4			
reaction time		interval				3.32		2.12		2.31		# of strides	4.41	3.32	
wind	0.9 m/s	velocity		6.80		9.04		9.43		8.66	8.22		6.80	9.04	

Barnes, Winston (JAM) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		3.95		6.67		8.47		10.37	10.37	/ 2			
reaction time		interval				2.72		1.80		1.90		# of strides	3.95	2.72	
wind	0.7 m/s	velocity		7.59		11.03		11.11		10.53	9.64		7.59	11.03	

FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		3.90		6.57		8.32		10.18	10.18	/ 1			
reaction time		interval				2.67		1.75		1.86		# of strides	3.90	2.67	
wind	1.0 m/s	velocity		7.69		11.24		11.43		10.75	9.82		7.69	11.24	

Barnett, Brian (CAN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 9 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.08	4.05	4.97	6.79		8.58		10.42	10.42	8 / 4			
reaction time	0.167	interval		0.97	0.92	1.82		1.79		1.84		# of strides	4.05	2.74	
wind	-0.5 m/s	velocity	6.49	10.31	10.87	10.99		11.17		10.87	9.60		7.41	10.95	

Barras, Romain (FRA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		3.20		5.21		7.18		9.12		11.14	11.14	4 / 7
reaction time	0.158	interval				2.01		1.97		1.94		2.02		# of strides
wind	-0.4 m/s	velocity		6.25		9.95		10.15		10.31		9.90	8.98	

Barrow, Owaab (QAT) (2001)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)														*Omega Timing (2024) - diamond league race analysis*			
date	10-May-24	time	1.89	2.98	3.95	4.88	5.78	6.68	7.60	8.52	9.48	10.44	10.44	4 / 4			
reaction time	0.117	interval		1.09	0.97	0.93	0.90	0.90	0.92	0.92	0.96	0.96		# of strides	3.95	2.73	2.80
wind	3.8 m/s	velocity	5.29	9.17	10.31	10.75	11.11	11.11	10.87	10.87	10.42	10.42	9.58		7.59	10.99	10.71

FINAL - 2021 Doha Diamond League (Doha, QAT) — *Omega Timing (2021) - diamond league race analysis*

date	28-May-21	time		3.1		5.0		6.8		8.7		10.46	10.46	8 / 3
reaction time	0.152	interval				1.90		1.80		1.90		1.76	PB	# of strides
wind	0.9 m/s	velocity		6.45		10.53		11.11		10.53		11.36	9.56	46.0

Bárta, Tomáš (CZE) (1995)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.03	3.13	4.18	5.16	6.12	7.11	8.09	9.10	10.12	11.24	11.24	5 / 6			
reaction time	0.153	interval		1.10	1.05	0.98	0.96	0.99	0.98	1.01	1.02	1.12		# of strides	4.18	2.93	3.01
wind	-3.4 m/s	velocity	4.93	9.09	9.52	10.20	10.42	10.10	10.20	9.90	9.80	8.93	8.90		7.18	10.24	9.97

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE) — *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.20		5.19		7.11		9.08		11.13	11.13	6 / 1
reaction time	0.189	interval				1.99		1.92		1.97		2.05		# of strides
wind	-2.5 m/s	velocity		6.25		10.05		10.42		10.15		9.76	8.98	

Bascom, Jeremy (GUY) (1981)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Millrose Games (New York, NY)														*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
date	08-Feb-20	time		3.10	4.04	4.98	5.90	6.81					6.81	8 / 7			
reaction time	0.160	interval			0.94	0.94	0.92	0.91						# of strides	4.04	2.77	
		velocity		6.45	10.64	10.64	10.87	10.99					8.81	31.7	7.43	10.83	

Beard, Dylan (USA) (1998)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	2.02	3.06	4.04	4.96	5.89	6.86	7.73	8.69	9.67	10.63	10.63	2 / 5			
reaction time	0.180	interval		1.04	0.98	0.92	0.93	0.97	0.87	0.96	0.98	0.96		# of strides	4.04	2.82	2.81
wind	0.7 m/s	velocity	4.95	9.62	10.20	10.87	10.75	10.31	11.49	10.42	10.20	10.42	9.41	45.7	7.43	10.64	10.68

Bednarek, Kenneth (USA) (1998)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	03-May-25	time	1.94	2.94	3.85	4.73	5.58	6.44	7.28	8.09	8.95	9.79	9.79	5 / 1			
reaction time	0.160	interval		1.00	0.91	0.88	0.85	0.86	0.84	0.81	0.86	0.84		# of strides	3.85	2.59	2.51
wind	2.4 m/s	velocity	5.15	10.00	10.99	11.36	11.76	11.63	11.90	12.35	11.63	11.90	10.21	43.0	7.79	11.58	11.95

FINAL - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	04-Aug-24	time	1.91	2.96	3.88	4.75	5.61	6.46	7.29	8.14	9.00	9.88	9.88	2 / 7
reaction time	0.163	interval		1.05	0.92	0.87	0.86	0.85	0.83	0.85	0.86	0.88		# of strides	3.88	2.58	2.54
wind	1.0 m/s	velocity	5.24	9.52	10.87	11.49	11.63	11.76	12.05	11.76	11.63	11.36	10.12	44.2	7.73	11.63	11.81

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

date	04-Aug-24	time	1.93	2.97	3.90	4.78	5.64	6.49	7.35	8.21	9.08	9.93	9.93	7 / 4
reaction time	0.161	interval		1.04	0.93	0.88	0.86	0.85	0.86	0.86	0.87	0.85		# of strides	3.90	2.59	2.59
wind	0.0 m/s	velocity	5.18	9.62	10.75	11.36	11.63	11.76	11.63	11.63	11.49	11.76	10.07	45.0	7.69	11.58	11.58

Heat 7 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.93	2.97	3.90	4.79	5.65	6.50	7.36	8.22	9.10	9.97	9.97	2 / 1
reaction time	0.174	interval		1.04	0.93	0.89	0.86	0.85	0.86	0.86	0.88	0.87		# of strides	3.90	2.60	2.60
wind	0.3 m/s	velocity	5.18	9.62	10.75	11.24	11.63	11.76	11.63	11.63	11.36	11.49	10.03	44.0	7.69	11.54	11.54

FINAL - 2022 Prefontaine Classic (Eugene, OR) — *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time		2.99		4.86		6.62		8.38		10.18	10.18	9 / 8
reaction time	0.160	interval				1.87		1.76		1.76		1.80		# of strides
wind	-0.2 m/s	velocity		6.69		10.70		11.36		11.36		11.11	9.82	45.5

Behrenbruch, Pascal (GER) (1985)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time		3.10		5.07		7.00		8.92		10.92	10.92	4 / 2			
reaction time	0.135	interval				1.97		1.93		1.92		2.00		# of strides			
wind	0.0 m/s	velocity		6.45		10.15		10.36		10.42		10.00	9.16				

Belcher, Christopher (USA) (1994)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 The Match - Europe v USA (Minsk, BLR) *European Athletics (2019) - race analysis*

date	09-Sep-19	time			5.89			10.25	10.25	9 / 2
reaction time	0.158	interval						4.36		# of strides
wind	-1.1 m/s	velocity			8.49			11.47	9.76	48.7

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.9	6.7	8.4	10.13	10.13	5 / 4	
reaction time	0.153	interval		1.9	1.8	1.7	1.73		# of strides	
wind	2.0 m/s	velocity	6.67	10.53	11.11	11.76	11.56	9.87	49.0	

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.8	6.6	8.4	10.09	10.09	8 / 2	
reaction time	0.136	interval		1.8	1.8	1.8	1.69		# of strides	
wind	0.7 m/s	velocity	6.67	11.11	11.11	11.11	11.83	9.91		

Benda, Ondrej (CZE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	2.05	3.15	4.15	5.11	6.06	6.99	7.93	8.87	9.84	10.83	10.83	2 / 6			
reaction time 0.174	interval		1.10	1.00	0.96	0.95	0.93	0.94	0.94	0.97	0.99		# of strides	4.15	2.84	2.85
wind 0.8 m/s	velocity	4.88	9.09	10.00	10.42	10.53	10.75	10.64	10.64	10.31	10.10	9.23		7.23	10.56	10.53

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

date	15-Jun-13	time	3.11	5.06	6.95	8.86	10.84	10.84	3 / 3	
reaction time	0.169	interval		1.95	1.89	1.91	1.98		# of strides	
wind	1.4 m/s	velocity	6.43	10.26	10.58	10.47	10.10	9.23		

Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	2.02	3.14	4.15	5.11	6.05	7.04	7.04	7 / 5	
reaction time	0.149	interval		1.12	1.01	0.96	0.94	0.99		# of strides	4.15	2.89
		velocity	4.95	8.93	9.90	10.42	10.64	10.10	8.52		7.23	10.38

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	2.03	3.17	4.17	5.11	6.08	7.06	7.06	2 / 4	
reaction time	0.202	interval		1.14	1.00	0.94	0.97	0.98		# of strides	4.17	2.89
		velocity	4.93	8.77	10.00	10.64	10.31	10.20	8.50		7.19	10.38

Benda, Pavel (CZE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.98	3.13	4.18	5.16	6.11	7.09				7.09	6 / 4			
reaction time 0.147	interval		1.15	1.05	0.98	0.95	0.98					# of strides	4.18	2.91	
	velocity	5.05	8.70	9.52	10.20	10.53	10.20				8.46		7.18	10.31	

Benjamin, Kion (TTO) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		2.9		4.8		6.7		8.5		10.43	10.43	9 / 8			
reaction time 0.141	interval				1.90		1.90		1.80		1.93		# of strides			
wind 0.4 m/s	velocity		6.90		10.53		10.53		11.11		10.36	9.59	48.0			

Berggren, Marcus (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time			4.32			7.31				11.38	11.38	6 / 6			
reaction time	interval						2.99				4.07		# of strides	4.32	2.99	
wind 0.7 m/s	velocity			6.94			10.03				9.83	8.79		6.94	10.03	

Bergvall, Eric (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			4.44			7.50		9.60		11.80	11.80	3 / 2			
reaction time	interval						3.06		2.10		2.20		# of strides	4.44	3.06	
wind 1.4 m/s	velocity			6.76			9.80		9.52		9.09	8.47		6.76	9.80	

Berlanga, Carlos (ESP) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01	time		3.02	4.01	4.95		6.79		8.65		10.55	10.55	/ 3			
reaction time 0.142	interval			0.99	0.94		1.84		1.86		1.90		# of strides	4.01	2.78	
wind 1.3 m/s	velocity		6.62	10.10	10.64		10.87		10.75		10.53	9.48		7.48	10.79	

Bernátek, David (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.37		5.50		7.56		9.64		11.75	11.75	4 / 5			
reaction time 0.195	interval				2.13		2.06		2.08		2.11		# of strides			
wind -2.5 m/s	velocity		5.93		9.39		9.71		9.62		9.48	8.51				

Bibi, Noah (MRI) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 7 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.86	2.93	3.87	4.76	5.65	6.53	7.43	8.33	9.26	10.19	10.19	3 / 6			
reaction time	0.134	interval		1.07	0.94	0.89	0.89	0.88	0.90	0.90	0.93	0.93		# of strides	3.87	2.66	2.73
wind	0.3 m/s	velocity	5.38	9.35	10.64	11.24	11.24	11.36	11.11	11.11	10.75	10.75	9.81	44.5	7.75	11.28	10.99
Prelim 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.90	2.97	3.90	4.80	5.69	6.57	7.47	8.39	9.32	10.27	10.27	2 / 1			
reaction time	0.148	interval		1.07	0.93	0.90	0.89	0.88	0.90	0.92	0.93	0.95		# of strides	3.90	2.67	2.75
wind	0.1 m/s	velocity	5.26	9.35	10.75	11.11	11.24	11.36	11.11	10.87	10.75	10.53	9.74	45.0	7.69	11.24	10.91

Bifuko, Patrick Monga (NOR) (1996)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National FINAL - 2021 Bislett Games (Oslo, NOR)														*Omega Timing (2021) - diamond league race analysis*			
date	01-Jul-21	time		3.1		5.1		7.0		8.8		10.78	10.78	7 / 5			
reaction time	0.135	interval				2.00		1.90		1.80		1.98		# of strides			
wind	0.2 m/s	velocity		6.45		10.00		10.53		11.11		10.10	9.28				

Biron, Emmanuel (FRA) (1988)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2013 European Indoor Championships (Göteborg, SWE)														*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	02-Mar-13	time		2.95		4.83		6.63					6.63	2 / 8			
reaction time	0.151	interval				1.88		1.80						# of strides			
		velocity		6.78		10.64		11.11					9.05	29.0			

Blackwell, Jaydin (USA) (2004) (T38)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)														*Omega Timing (2023) - diamond league race analysis*			
date	17-Sep-23	time	2.11	3.21	4.22	5.19	6.14	7.09	8.05	9.02	10.00	11.01	11.01	8 / 3			
reaction time	0.204	interval		1.10	1.01	0.97	0.95	0.95	0.96	0.97	0.98	1.01		# of strides	4.22	2.87	2.91
wind	0.0 m/s	velocity	4.74	9.09	9.90	10.31	10.53	10.53	10.42	10.31	10.20	9.90	9.08	47.0	7.11	10.45	10.31

Blake, Ackeem (JAM) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	03-May-25	time	1.92	2.92	3.85	4.72	5.58	6.42	7.26	8.17	8.97	9.85	9.85	3 / 3			
reaction time	0.160	interval		1.00	0.93	0.87	0.86	0.84	0.84	0.91	0.80	0.88		# of strides	3.85	2.57	2.55
wind	2.4 m/s	velocity	5.21	10.00	10.75	11.49	11.63	11.90	11.90	10.99	12.50	11.36	10.15	45.5	7.79	11.67	11.76
FINAL - 2024 Memorial van damme (Brussels, BEL)														*Omega Timing (2024) - diamond league race analysis*			
date	13-Sep-24	time	1.89	2.92	3.85	4.74	5.60	6.46	7.32	8.18	9.06	9.93	9.93	3 / 1			
reaction time	0.151	interval		1.03	0.93	0.89	0.86	0.86	0.86	0.86	0.88	0.87		# of strides	3.85	2.61	2.60
wind	0.1 m/s	velocity	5.29	9.71	10.75	11.24	11.63	11.63	11.63	11.63	11.36	11.49	10.07	45.5	7.79	11.49	11.54
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)														*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	1.90	2.96	3.89	4.79	5.66	6.53	7.39	8.26	9.14	10.03	10.03	2 / 4			
reaction time	0.148	interval		1.06	0.93	0.90	0.87	0.87	0.86	0.87	0.88	0.89		# of strides	3.89	2.64	2.61
wind	0.3 m/s	velocity	5.26	9.43	10.75	11.11	11.49	11.49	11.63	11.49	11.36	11.24	9.97	46.0	7.71	11.36	11.49
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)														*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	1.89	2.92	3.85	4.73	5.60	6.45	7.29	8.15	9.01	9.89	9.89	2 / 3			
reaction time	0.154	interval		1.03	0.93	0.88	0.87	0.85	0.84	0.86	0.86	0.88	**=PB**	# of strides	3.85	2.60	2.56
wind	1.9 m/s	velocity	5.29	9.71	10.75	11.36	11.49	11.76	11.90	11.63	11.63	11.36	10.11	46.0	7.79	11.54	11.72
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	1.92	2.97	3.90	4.80	5.67	6.54	7.42	8.30	9.19	10.06	10.06	3 / 5			
reaction time	0.176	interval		1.05	0.93	0.90	0.87	0.87	0.88	0.88	0.89	0.87		# of strides	3.90	2.64	2.65
wind	0.0 m/s	velocity	5.21	9.52	10.75	11.11	11.49	11.49	11.36	11.36	11.24	11.49	9.94	46.0	7.69	11.36	11.32
Heat 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.89	2.94	3.87	4.76	5.64	6.50	7.40	8.29	9.17	10.06	10.06	3 / 2			
reaction time	0.149	interval		1.05	0.93	0.89	0.88	0.86	0.90	0.89	0.88	0.89		# of strides	3.87	2.63	2.67
wind	-1.1 m/s	velocity	5.29	9.52	10.75	11.24	11.36	11.63	11.11	11.24	11.36	11.24	9.94	47.0	7.75	11.41	11.24
FINAL - 2024 London Athletics Meet (London, GBR)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	1.89	2.94	3.88	4.76	5.63	6.49	7.35	8.22	9.10	9.97	9.97	8 / 4			
reaction time	0.155	interval		1.05	0.94	0.88	0.87	0.86	0.86	0.87	0.88	0.87		# of strides	3.88	2.61	2.61
wind	-0.3 m/s	velocity	5.29	9.52	10.64	11.36	11.49	11.63	11.63	11.49	11.36	11.49	10.03	46.2	7.73	11.49	11.49
FINAL - 2024 Prefontaine Classic (Eugene, OR)														*Omega Timing (2024) - diamond league race analysis*			
date	25-May-24	time	1.93	2.96	3.89	4.79	5.67	6.54	7.41	8.31	9.22	10.12	10.12	3 / 4			
reaction time	0.176	interval		1.03	0.93	0.90	0.88	0.87	0.87	0.90	0.91	0.90		# of strides	3.89	2.65	2.68
wind	1.2 m/s	velocity	5.18	9.71	10.75	11.11	11.36	11.49	11.49	11.11	10.99	11.11	9.88	46.7	7.71	11.32	11.19
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	1.90	2.96	3.91	4.82	5.72	6.61	7.49	8.38	9.28	10.20	10.20	7 / 3			

reaction time	0.148	interval		1.06	0.95	0.91	0.90	0.89	0.88	0.89	0.90	0.92		# of strides	3.91	2.70	2.67
wind	-0.6 m/s	velocity	5.26	9.43	10.53	10.99	11.11	11.24	11.36	11.24	11.11	10.87	9.80	46.7	7.67	11.11	11.24

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

date	21-Jul-23	time	1.87	2.90	3.83	4.72	5.60	6.47	7.34	8.22	9.11	10.00	10.00	3 / 3			
reaction time	0.140	interval		1.03	0.93	0.89	0.88	0.87	0.87	0.88	0.89	0.89		# of strides	3.83	2.64	2.64
wind	0.6 m/s	velocity	5.35	9.71	10.75	11.24	11.36	11.49	11.49	11.36	11.24	11.24	10.00	47.0	7.83	11.36	11.36

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

date	16-Jul-23	time	1.90	2.93	3.87	4.77	5.66	6.53	7.42	8.30	9.20	10.15	10.15	7 / 7			
reaction time	0.148	interval		1.03	0.94	0.90	0.89	0.87	0.89	0.88	0.90	0.95		# of strides	3.87	2.66	2.67
wind	0.0 m/s	velocity	5.26	9.71	10.64	11.11	11.24	11.49	11.24	11.36	11.11	10.53	9.85	47.0	7.75	11.28	11.24

FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL) *Omega Timing (2022) - diamond league race analysis*

date	06-Aug-22	time		2.92		4.75		6.46		8.22		10.00	10.00	1 / 3			
reaction time	0.159	interval				1.83		1.71		1.76		1.78		# of strides			
wind	-0.7 m/s	velocity		6.85		10.93		11.70		11.36		11.24	10.00	46.0			

Blake, Jerome (CAN) (1995)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	03-May-25	time	2.03	3.07	4.02	4.90	5.77	6.66	7.52	8.43	9.20	10.04	10.04	1 / 7			
reaction time	0.200	interval		1.04	0.95	0.88	0.87	0.89	0.86	0.91	0.77	0.84		# of strides	4.02	2.64	2.54
wind	2.4 m/s	velocity	4.93	9.62	10.53	11.36	11.49	11.24	11.63	10.99	12.99	11.90	9.96	42.0	7.46	11.36	11.81

National FINAL - 2024 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2024) - diamond league race analysis*

date	02-Jun-24	time	2.02	3.11	4.08	5.01	5.91	6.80	7.70	8.60	9.51	10.44	10.44	4 / 3			
reaction time	0.158	interval		1.09	0.97	0.93	0.90	0.89	0.90	0.90	0.91	0.93		# of strides	4.08	2.72	2.71
wind	-1.6 m/s	velocity	4.95	9.17	10.31	10.75	11.11	11.24	11.11	11.11	10.99	10.75	9.58		7.35	11.03	11.07

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	2.00	3.07	4.05	4.97	5.87	6.75	7.62	8.51	9.41	10.30	10.30	3 / 3			
reaction time	0.147	interval		1.07	0.98	0.92	0.90	0.88	0.87	0.89	0.90	0.89		# of strides	4.05	2.70	2.66
wind	-0.1 m/s	velocity	5.00	9.35	10.20	10.87	11.11	11.36	11.49	11.24	11.11	11.24	9.71		7.41	11.11	11.28

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) *Omega Timing (2022) - diamond league race analysis*

date	21-May-22	time		3.02		4.90		6.67		8.42		10.20	10.20	4 / 3			
reaction time	0.154	interval				1.88		1.77		1.75		1.78		# of strides			
wind	-0.2 m/s	velocity		6.62		10.64		11.30		11.43		11.24	9.80	43.0			

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

date	04-Jul-21	time		3.0		4.9		6.7		8.4		10.18	10.18	1 / 6			
reaction time	0.147	interval				1.90		1.80		1.70		1.78		# of strides			
wind	-0.8 m/s	velocity		6.67		10.53		11.11		11.76		11.24	9.82	42.7			

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

date	04-Jul-21	time		3.0		4.9		6.7		8.4		10.15	10.15	3 / 1			
reaction time	0.140	interval				1.90		1.80		1.70		1.75	**PB**	# of strides			
wind	0.5 m/s	velocity		6.67		10.53		11.11		11.76		11.43	9.85	42.2			

Blake, Yohan (JAM) (1989)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 London Athletics Meet (London, GBR)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	1.93	2.99	3.94	4.85	5.74	6.62	7.51	8.40	9.32	10.23	10.23	1 / 8			
reaction time	0.177	interval		1.06	0.95	0.91	0.89	0.88	0.89	0.89	0.92	0.91		# of strides	3.94	2.68	2.70
wind	-0.3 m/s	velocity	5.18	9.43	10.53	10.99	11.24	11.36	11.24	11.24	10.87	10.99	9.78	46.7	7.61	11.19	11.11

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2024) - diamond league race analysis*

date	20-Apr-24	time	1.95	3.00	3.99	4.93	5.84	6.74	7.66	8.57	9.49	10.43	10.43	3 / 9			
reaction time	0.165	interval		1.05	0.99	0.94	0.91	0.90	0.92	0.91	0.92	0.94		# of strides	3.99	2.75	2.75
wind	-0.6 m/s	velocity	5.13	9.52	10.10	10.64	10.99	11.11	10.87	10.99	10.87	10.64	9.59	47.0	7.52	10.91	10.91

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

date	16-Sep-23	time	1.88	2.92	3.87	4.78	5.67	6.54	7.41	8.28	9.17	10.08	10.08	1 / 6			
reaction time	0.147	interval		1.04	0.95	0.91	0.89	0.87	0.87	0.87	0.89	0.91		# of strides	3.87	2.67	2.63
wind	0.1 m/s	velocity	5.32	9.62	10.53	10.99	11.24	11.49	11.49	11.49	11.24	10.99	9.92	46.0	7.75	11.24	11.41

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.87	2.92	3.86	4.77	5.65	6.52	7.38	8.26	9.14	10.04	10.04	3 / 6			
reaction time	0.143	interval		1.05	0.94	0.91	0.88	0.87	0.86	0.88	0.88	0.90		# of strides	3.86	2.66	2.62
wind	0.4 m/s	velocity	5.35	9.52	10.64	10.99	11.36	11.49	11.63	11.36	11.36	11.11	9.96	46.0	7.77	11.28	11.45

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

date	21-Jul-23	time	1.88	2.92	3.86	4.75	5.63	6.49	7.36	8.24	9.11	10.01	10.01	2 / 4			

reaction time	0.159	interval		1.04	0.94	0.89	0.88	0.86	0.87	0.88	0.87	0.90		# of strides	3.86	2.63	2.62
wind	0.6 m/s	velocity	5.32	9.62	10.64	11.24	11.36	11.63	11.49	11.36	11.49	11.11	9.99	46.0	7.77	11.41	11.45

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

date	16-Jul-23	time	1.89	2.93	3.86	4.76	5.64	6.50	7.37	8.23	9.11	10.01	10.01	2 / 5			
reaction time	0.166	interval		1.04	0.93	0.90	0.88	0.86	0.87	0.86	0.88	0.90		# of strides	3.86	2.64	2.61
wind	0.0 m/s	velocity	5.29	9.62	10.75	11.11	11.36	11.63	11.49	11.63	11.36	11.11	9.99	46.0	7.77	11.36	11.49

FINAL - 2023 Meeting de Paris (Paris, FRA) *Omega Timing (2023) - diamond league race analysis*

date	09-Jun-23	time	1.86	2.91	3.86	4.76	5.65	6.54	7.42	8.31	9.21	10.16	10.16	3 / 4			
reaction time	0.145	interval		1.05	0.95	0.90	0.89	0.89	0.88	0.89	0.90	0.95		# of strides	3.86	2.68	2.67
wind	-0.9 m/s	velocity	5.38	9.52	10.53	11.11	11.24	11.24	11.36	11.24	11.11	10.53	9.84	46.2	7.77	11.19	11.24

FINAL - 2023 FBK Games (Hengelo, NED) *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.85	2.90	3.85	4.75	5.64	6.52	7.39	8.26	9.14	10.05	10.05	4 / 2			
reaction time	0.140	interval		1.05	0.95	0.90	0.89	0.88	0.87	0.87	0.88	0.91		# of strides	3.85	2.67	2.62
wind	0.4 m/s	velocity	5.41	9.52	10.53	11.11	11.24	11.36	11.49	11.49	11.36	10.99	9.95	46.0	7.79	11.24	11.45

FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA) *Omega Timing (2023) - diamond league race analysis*

date	02-Jun-23	time	1.87	2.92	3.87	4.77	5.66	6.55	7.44	8.33	9.22	10.15	10.15	2 / 7			
reaction time	0.143	interval		1.05	0.95	0.90	0.89	0.89	0.89	0.89	0.89	0.93		# of strides	3.87	2.68	2.67
wind	0.0 m/s	velocity	5.35	9.52	10.53	11.11	11.24	11.24	11.24	11.24	11.24	10.75	9.85	47.0	7.75	11.19	11.24

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.84	2.92	3.87	4.78	5.68	6.58	7.46	8.35	9.25	10.18	10.18	7 / 6			
reaction time	0.148	interval		1.08	0.95	0.91	0.90	0.90	0.88	0.89	0.90	0.93		# of strides	3.87	2.71	2.67
wind	0.1 m/s	velocity	5.43	9.26	10.53	10.99	11.11	11.11	11.36	11.24	11.11	10.75	9.82	46.5	7.75	11.07	11.24

FINAL - 2022 Weltklasse (Zürich, SUI) *Omega Timing (2022) - diamond league race analysis*

date	08-Sep-22	time		2.95		4.78		6.52		8.27		10.05	10.05	4 / 2			
reaction time	0.187	interval				1.83		1.74		1.75		1.78		# of strides			
wind	-0.3 m/s	velocity		6.78		10.93		11.49		11.43		11.24	9.95	45.0			

FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL) *Omega Timing (2022) - diamond league race analysis*

date	06-Aug-22	time		2.93		4.79		6.55		8.31		10.13	10.13	3 / 5			
reaction time	0.148	interval				1.86		1.76		1.76		1.82		# of strides			
wind	-0.7 m/s	velocity		6.83		10.75		11.36		11.36		10.99	9.87	46.5			

FINAL - 2022 FBK Games (Hengelo, NED) *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time		2.9		4.7		6.5		8.3		10.11	10.11	4 / 1			
reaction time	0.140	interval				1.80		1.80		1.80		1.81		# of strides			
wind	-0.3 m/s	velocity		6.90		11.11		11.11		11.11		11.05	9.89	47.0			

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) *Omega Timing (2022) - diamond league race analysis*

date	21-May-22	time		2.93		4.80		6.58		8.36		10.18	10.18	2 / 2			
reaction time	0.145	interval				1.87		1.78		1.78		1.82		# of strides			
wind	-0.2 m/s	velocity		6.83		10.70		11.24		11.24		10.99	9.82	46.7			

FINAL - 2019 IAAF World Championships (Doha, QAT) *Pang (2021) - kinematic analysis of key technical links of athletes in men's 100m final of 2019 world championships*

date	28-Sep-19	time	1.89	2.88	3.85	4.73	5.60	6.45	7.32	8.18	9.05	9.97	9.97	8 / 5			
reaction time	0.142	interval		0.99	0.97	0.88	0.87	0.85	0.87	0.86	0.87	0.92		# of strides	3.85	2.60	2.60
wind	0.6 m/s	velocity	5.29	10.10	10.31	11.36	11.49	11.76	11.49	11.63	11.49	10.87	10.03	45.2	7.79	11.54	11.54

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time		3.0		4.9		6.6		8.4		10.07	10.07	2 / 3			
reaction time	0.170	interval				1.9		1.7		1.8		1.67		# of strides			
wind	-0.4 m/s	velocity		6.67		10.53		11.76		11.11		11.98	9.93	46.0			

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.6		8.3		10.07	10.07	4 / 1			
reaction time	0.144	interval				1.9		1.7		1.7		1.77		# of strides			
wind	2.0 m/s	velocity		6.67		10.53		11.76		11.76		11.30	9.93	46.0			

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.6		8.4		10.18	10.18	6 / 2			
reaction time	0.144	interval				1.9		1.7		1.8		1.78		# of strides			
wind	-0.3 m/s	velocity		6.67		10.53		11.76		11.11		11.24	9.82				

FINAL - 2017 IAAF World Championships (London, GBR) *Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*

date	05-Aug-17	time	1.89	2.92	3.83	4.73	5.62	6.50	7.37	8.25	9.12	9.99	9.99	7 / 4			
reaction time	0.137	interval		1.03	0.91	0.90	0.89	0.88	0.87	0.88	0.87	0.87		# of strides	3.83	2.67	2.62
wind	-0.8 m/s	velocity	5.29	9.71	10.99	11.11	11.24	11.36	11.49	11.36	11.49	11.49	10.01	46.1	7.83	11.24	11.45

FINAL - 2012 Olympic Games (London, GBR) *Zhang (2016) - analysis on the winning factors of the men's 100m race at the 30th Olympic Games*

date	05-Aug-12	time	1.83	2.86	3.76	4.61	5.47	6.32	7.16	8.01	8.87	9.75	9.75	5 / 2			
reaction time	0.179	interval		1.03	0.90	0.85	0.86	0.85	0.84	0.85	0.86	0.88	=PB	# of strides	3.76	2.56	2.55
wind	1.5 m/s	velocity	5.46	9.71	11.11	11.76	11.63	11.76	11.90	11.76	11.63	11.36	10.26	45.7	7.98	11.72	11.76

FINAL - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

date	28-Aug-11	time	1.87	2.89	3.83	4.70	5.56	6.41	7.27	8.13	9.00	9.88	9.92	6 / 1			
reaction time	0.174	interval		1.02	0.94	0.87	0.86	0.85	0.86	0.86	0.87	0.88		# of strides	3.83	2.58	2.59
wind	-1.4 m/s	velocity	5.35	9.80	10.64	11.49	11.63	11.76	11.63	11.63	11.49	11.36	10.08	47.0	7.83	11.63	11.58

Blanton, DaBryan (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time			3.90		5.71	6.61					6.61	2 / 1			
reaction time	0.136	interval					1.81	0.90						# of strides	3.90	2.71	
		velocity			7.69		11.05	11.11					9.08	29.2	7.69	11.07	

Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time			3.91		5.76	6.67					6.67	6 / 3			
reaction time	0.146	interval					1.85	0.91						# of strides	3.91	2.76	
		velocity			7.67		10.81	10.99					9.00	29.0	7.67	10.87	

Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.97	3.04	3.95	4.86	5.75	6.66	7.59	8.52	9.49	10.43	10.43	8 / 6			
reaction time		interval		1.07	0.91	0.91	0.89	0.91	0.93	0.93	0.97	0.94		# of strides	3.95	2.71	2.83
wind	-1.2 m/s	velocity	5.08	9.35	10.99	10.99	11.24	10.99	10.75	10.75	10.31	10.64	9.59	45.7	7.59	11.07	10.60

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

date	25-Jun-05	time	2.00	3.04	3.98	4.92	5.84	6.74	7.64	8.57	9.51	10.46	10.46	8 / 8			
reaction time		interval		1.04	0.94	0.94	0.92	0.90	0.90	0.93	0.94	0.95		# of strides	3.98	2.76	2.77
wind	-2.3 m/s	velocity	5.00	9.62	10.64	10.64	10.87	11.11	11.11	10.75	10.64	10.53	9.56	45.7	7.54	10.87	10.83

Blume, Holger (GER) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

??? - 1994 DLV Gala (Duisburg, GER) *Stein (1994) - fur sprinter - das training vom 1994*

date	??	time			4.01			6.76		8.59		10.47	10.47	??			
reaction time		interval						2.75		1.83		1.88		# of strides	4.01	2.75	
wind	??	velocity			7.48			10.91		10.93		10.64	9.55		7.48	10.91	

??? - 1993 German National Championships (Duisburg, GER) *Stein (1994) - fur sprinter - das training vom 1994*

date	??	time			3.97			6.76		8.63		10.54	10.54	??			
reaction time		interval						2.79		1.87		1.91		# of strides	3.97	2.79	
wind	??	velocity			7.56			10.75		10.70		10.47	9.49		7.56	10.75	

Blume, Marc (GER) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.97	3.94	4.87		6.68		8.50		10.38	10.38	/ 6			
reaction time	0.151	interval			0.97	0.93		1.81		1.82		1.88		# of strides	3.94	2.74	
wind	0.1 m/s	velocity		6.73	10.31	10.75		11.05		10.99		10.64	9.63		7.61	10.95	

Heat 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		2.98	3.95	4.87		6.68		8.47		10.33	10.33	/ ~~2~~ 1			
reaction time	0.154	interval			0.97	0.92		1.81		1.79		1.86		# of strides	3.95	2.73	
wind	0.2 m/s	velocity		6.71	10.31	10.87		11.05		11.17		10.75	9.68		7.59	10.99	

FINAL - 1997 European Cup (Munich, GER) *Jung (2003) - http://www.fgs.uni-halle.de*

date	21-Jun-97	time	1.93		3.96			6.67				10.35	10.35	/ 5			
reaction time		interval			2.03			2.71				3.68		# of strides	3.96	2.71	
wind	0.2 m/s	velocity	5.18		9.85			11.07				10.87	9.66		7.58	11.07	

FINAL - 1994 DLV Gala (Duisburg, GER) *Stein (1994) - fur sprinter - das training vom 1994*

date	12-Jun-94	time			3.94			6.62		8.41		10.24	10.24	??			
reaction time		interval						2.68		1.79		1.83	PB	# of strides	3.94	2.68	
wind	1.9 m/s	velocity			7.61			11.19		11.17		10.93	9.77		7.61	11.19	

Quarter-Final 2 - 1993 IAAF World Championships (Stuttgart, GER) *Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*

date	14-Aug-93	time			3.93			6.65		8.47		10.32	10.32	5 / 5			
reaction time		interval						2.72		1.82		1.85		# of strides	3.93	2.72	
wind	-0.1 m/s	velocity			7.63			11.03		10.99		10.81	9.69	45.2	7.63	11.03	

FINAL - 1993 German National Championships (Duisburg, GER) *Stein (1994) - fur sprinter - das training vom 1994*

date	11-Jul-93	time			3.85			6.57		8.41		10.30	10.30	/ 1			

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

reaction time		interval						2.72		1.84		1.89	PB	# of strides	3.85	2.72	
wind	-0.8 m/s	velocity			7.79			11.03		10.87		10.58	9.71		7.79	11.03

FINAL - 1991 European Junior Championships (Thessaloniki, GRE) *Stein (1993) - die beschleunigungsfähigkeit bestimmt die sprintleistung*

date	8-Aug-91	time	1.96	3.03	4.04	4.98	5.88	6.82	7.76	8.70	9.65	10.64	10.64	/ 5		
reaction time		interval		1.07	1.01	0.94	0.90	0.94	0.94	0.94	0.95	0.99	PB	# of strides	4.04	2.78	2.83
wind	-0.4 m/s	velocity	5.10	9.35	9.90	10.64	11.11	10.64	10.64	10.64	10.53	10.10	9.40		7.43	10.79	10.60

Bodrov, Igor (UKR) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.04			6.80		8.65		10.58	10.58	/ 6			
reaction time		interval						2.76		1.85		1.93		# of strides	4.04	2.76	
wind	0.7 m/s	velocity			7.43			10.87		10.81		10.36	9.45		7.43	10.87	

Bøe, Filip (NOR) (2000)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)														*Omega Timing (2021) - diamond league race analysis*			
date	01-Jul-21	time		3.0		5.0		6.9		8.8		10.68	10.68	6 / 2			
reaction time	0.129	interval				2.00		1.90		1.90		1.88	PB	# of strides			
wind	0.2 m/s	velocity		6.67		10.00		10.53		10.53		10.64	9.36				

Bogaert, Mateo (BEL) (2006)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)														*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	2.10	3.25	4.29	5.30	6.29	7.29	8.28	9.29	10.32	11.37	11.37	6 / 8			
reaction time	0.145	interval		1.15	1.04	1.01	0.99	1.00	0.99	1.01	1.03	1.05		# of strides	4.29	3.00	3.03
wind	-0.4 m/s	velocity	4.76	8.70	9.62	9.90	10.10	10.00	10.10	9.90	9.71	9.52	8.80		6.99	10.00	9.90

Boldon, Ato (TTO) (1973)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 IAAF World Championships (Athens, GRE)														*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
date	03-Aug-97	time	1.72	2.77	3.70	4.59	5.46	6.33	7.20	8.08	8.98	9.90	10.02	6 / 5			
reaction time	0.123	interval		1.05	0.93	0.89	0.87	0.87	0.87	0.88	0.90	0.92		# of strides	3.70	2.63	2.65
wind	0.2 m/s	velocity	5.81	9.52	10.75	11.24	11.49	11.49	11.49	11.36	11.11	10.87	9.98	44.0	8.11	11.41	11.32

FINAL - 1996 Olympic Games (Atlanta, CA) *Grosser (2007) - Schnelligkeitsairtraining*

date	27-Jul-96	time	1.89	2.91	3.83	4.71	5.56	6.40	7.25	8.12	9.00	9.90	9.90	3 / 3		
reaction time	0.164	interval		1.02	0.92	0.88	0.85	0.84	0.85	0.87	0.88	0.90	PB	# of strides	3.83	2.57	2.60
wind	0.7 m/s	velocity	5.29	9.80	10.87	11.36	11.76	11.90	11.76	11.49	11.36	11.11	10.10	45.5	7.83	11.67	11.54

Bolt, Usain (JAM) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 IAAF World Championships (London, GBR)														*Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*			
date	05-Aug-17	time	1.96	2.98	3.88	4.76	5.64	6.49	7.34	8.20	9.06	9.95	9.95	4 / 3			
reaction time	0.183	interval		1.02	0.90	0.88	0.88	0.85	0.85	0.86	0.86	0.89		# of strides	3.88	2.61	2.57
wind	-0.8 m/s	velocity	5.10	9.80	11.11	11.36	11.36	11.76	11.76	11.63	11.63	11.24	10.05	41.0	7.73	11.49	11.67

FINAL - 2016 Olympic Games (Rio de Janeiro, BRA) *Vazel (2020) - https://twitter.com/pjvazel/status/1297189365806817280?s=21*

date	14-Aug-16	time			3.84			6.41		8.08		9.81	9.81	6 / 1		
reaction time	0.155	interval						2.57		1.67		1.73		# of strides	3.84	2.57	
wind	0.2 m/s	velocity			7.81			11.67		11.98		11.56	10.19	41.2	7.81	11.67	

FINAL - 2012 Olympic Games (London, GBR) *Maćkala (2013) - a kinematics analysis of three best 100m performances ever*

date	05-Aug-12	time	1.91	2.92	3.84	4.70	5.54	6.36	7.17	7.98	8.80	9.63	9.63	7 / 1		
reaction time	0.165	interval		1.01	0.92	0.86	0.84	0.82	0.81	0.81	0.82	0.83	OR	# of strides	3.84	2.52	2.44
wind	1.5 m/s	velocity	5.24	9.90	10.87	11.63	11.90	12.20	12.35	12.35	12.20	12.05	10.38	41.0	7.81	11.90	12.30

Semi-Final 2 - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical analysis of Usain Bolt 100 meter*

date	28-Aug-11	time	1.89	2.93	3.86	4.74	5.60	6.45	7.30	8.16	9.05	10.04	10.05	3 / 1		
reaction time	0.164	interval		1.04	0.93	0.88	0.86	0.85	0.85	0.86	0.89	0.99		# of strides	3.86	2.59	2.60
wind	-1.0 m/s	velocity	5.29	9.62	10.75	11.36	11.63	11.76	11.76	11.63	11.24	10.10	9.95	40.5	7.77	11.58	11.54

Heat 6 - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical analysis of Usain Bolt 100 meter*

date	27-Aug-11	time	1.89	2.93	3.86	4.74	5.60	6.46	7.32	8.20	9.11	10.10	10.10	6 / 1		
reaction time	0.153	interval		1.04	0.93	0.88	0.86	0.86	0.86	0.88	0.91	0.99		# of strides	3.86	2.60	2.65
wind	-0.7 m/s	velocity	5.29	9.62	10.75	11.36	11.63	11.63	11.63	11.36	10.99	10.10	9.90	40.0	7.77	11.54	11.32

FINAL - 2009 IAAF World Championships (Berlin, GER) *Graubner (2011) - biomechanical analysis of the sprint and hurdle- 2009 IAAF world championships in athletics*

date	16-Aug-09	time	1.88	2.88	3.78	4.64	5.47	6.29	7.10	7.92	8.74	9.58	9.58	4 / 1		
reaction time	0.146	interval		1.00	0.90	0.86	0.83	0.82	0.81	0.82	0.82	0.84	WR	# of strides	3.78	2.51	2.45
wind	0.9 m/s	velocity	5.32	10.00	11.11	11.63	12.05	12.20	12.35	12.20	12.20	11.90	10.44	40.9	7.94	11.95	12.24

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time		2.89	3.81	4.68		6.41		8.11		9.89	9.89	6 / 1		
reaction time	0.135	interval			0.92	0.87		1.73		1.70		1.78		# of strides	3.81	2.60	

wind	0.2 m/s	velocity	6.92	10.87	11.49	11.56	11.76	11.24	10.11	40.0	7.87	11.54			

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.93	3.85	4.73	6.47	8.20	10.03	10.03	4 / 2					
reaction time	0.155	interval		0.92	0.88	1.74	1.73	1.83		# of strides	3.85	2.62			
wind	0.1 m/s	velocity	6.83	10.87	11.36	11.49	11.56	10.93	9.97		7.79	11.45			

Heat 9 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.94	3.88	4.77	6.55	8.33	10.20	10.20	3 / 1					
reaction time	0.144	interval		0.94	0.89	1.78	1.78	1.87		# of strides	3.88	2.67			
wind	-0.5 m/s	velocity	6.80	10.64	11.24	11.24	11.24	10.70	9.80		7.73	11.24			

FINAL - 2008 Olympic Games (Beijing, CHN) *Schrader (2008) - jamaikas 'lightning bolt'*

date	16-Aug-08	time	1.86	2.88	3.78	4.65	5.50	6.32	7.14	7.96	8.79	9.69	9.69	4 / 1			
reaction time	0.165	interval		1.02	0.90	0.87	0.85	0.82	0.82	0.82	0.83	0.90	WR	# of strides	3.78	2.54	2.47
wind	0.0 m/s	velocity	5.38	9.80	11.11	11.49	11.76	12.20	12.20	12.20	12.05	11.11	10.32	41.0	7.94	11.81	12.15

FINAL - 2008 Reebok (New York, NY) *Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15*

date	31-May-08	time	1.87	2.92	3.82	4.67	5.50	6.32	7.15	8.00	8.85	9.72	9.72	4 / 1			
reaction time	0.157	interval		1.05	0.90	0.85	0.83	0.82	0.83	0.85	0.85	0.87	WR	# of strides	3.82	2.50	2.53
wind	1.7 m/s	velocity	5.35	9.52	11.11	11.76	12.05	12.20	12.05	11.76	11.76	11.49	10.29	41.3	7.85	12.00	11.86

Borzor, Christopher (HAI) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.92	2.98	3.93	4.84	5.74	6.63	7.53	8.43	9.33	10.28	10.28	1 / 5			
reaction time 0.147 interval		1.06	0.95	0.91	0.90	0.89	0.90	0.90	0.90	0.95		# of strides	3.93	2.70	2.70
wind 0.2 m/s velocity	5.21	9.43	10.53	10.99	11.11	11.24	11.11	11.11	11.11	10.53	9.73	47.0	7.63	11.11	11.11
Prelim 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.96	3.04	4.00	4.92	5.81	6.68	7.57	8.46	9.36	10.26	10.26	2 / 1			
reaction time 0.147 interval		1.08	0.96	0.92	0.89	0.87	0.89	0.89	0.90	0.90		# of strides	4.00	2.68	2.68
wind 0.2 m/s velocity	5.10	9.26	10.42	10.87	11.24	11.49	11.24	11.24	11.11	11.11	9.75	47.2	7.50	11.19	11.19

Borzov, Valeriy (URS) (1949)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 Olympic Games (Montreal, CAN)												*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date 24-Jul-76 time			3.88			6.61		8.33		10.14	10.14	3 / 3			
reaction time interval						2.73		1.72		1.81		# of strides	3.88	2.73	
wind 0.0 m/s velocity			7.73			10.99		11.63		11.05	9.86	45.5	7.73	10.99	
FINAL - 1972 Olympic Games (Munich, FRG)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 01-Sep-72 time	1.91	2.95	3.91	4.82	5.72	6.58	7.46	8.35	9.24	10.14	10.14	2 / 1			
reaction time interval		1.04	0.96	0.91	0.90	0.86	0.88	0.89	0.89	0.90		# of strides	3.91	2.67	2.66
wind 0.3 m/s velocity	5.24	9.62	10.42	10.99	11.11	11.63	11.36	11.24	11.24	11.11	9.86	46.5	7.67	11.24	11.28

Bossé, Béranger (CAF) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Windsprint (Sundsvall, SWE)												*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date 06-Jul-08 time			4.03			6.83		8.73		10.73	10.73	1 / 8			
reaction time interval						2.80		1.90		2.00		# of strides	4.03	2.80	
wind 1.6 m/s velocity			7.44			10.71		10.53		10.00	9.32	48.5	7.44	10.71	

Bouchereau, Gaston (USA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR)												*Track Newsletter (2021) - NCAA men's indoor championships*			
date 13-Mar-21 time			3.94			6.65					6.65	/ 5			
reaction time 0.172 interval						2.71						# of strides	3.94	2.71	
velocity			7.61			11.07					9.02		7.61	11.07	

Bouju, Raphael (NED) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	1.89	2.96	3.93	4.84	5.74	6.63	7.51	8.41	9.31	10.24	10.24	6 / 4			
reaction time 0.142 interval		1.07	0.97	0.91	0.90	0.89	0.88	0.90	0.90	0.93		# of strides	3.93	2.70	2.68
wind 1.0 m/s velocity	5.29	9.35	10.31	10.99	11.11	11.24	11.36	11.11	11.11	10.75	9.77	46.0	7.63	11.11	11.19
FINAL - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	1.86	2.91	3.86	4.76	5.65	6.53	7.41	8.29	9.17	10.09	10.09	8 / 3			
reaction time 0.140 interval		1.05	0.95	0.90	0.89	0.88	0.88	0.88	0.88	0.92	PB	# of strides	3.86	2.67	2.64
wind 0.4 m/s velocity	5.38	9.52	10.53	11.11	11.24	11.36	11.36	11.36	11.36	10.87	9.91	45.5	7.77	11.24	11.36

Bouraada, Larbi (ALG) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09 time		3.10		5.04		6.92		8.77		10.68	10.68	1 / 6			
reaction time 0.131 interval				1.94		1.88		1.85		1.91	PB	# of strides			
wind 0.2 m/s velocity		6.45		10.31		10.64		10.81		10.47	9.36				

Bracy-Williams, Marvin (USA) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 16-Sep-23 time	1.90	2.93	3.86	4.75	5.62	6.48	7.35	8.21	9.09	10.01	10.01	8 / 5			
reaction time 0.136 interval		1.03	0.93	0.89	0.87	0.86	0.87	0.86	0.88	0.92		# of strides	3.86	2.62	2.61
wind 0.1 m/s velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.63	11.36	10.87	9.99	47.0	7.77	11.45	11.49
FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Sep-23 time	1.89	2.94	3.87	4.76	5.63	6.50	7.36	8.23	9.11	10.02	10.02	7 / 5			
reaction time 0.125 interval		1.05	0.93	0.89	0.87	0.87	0.86	0.87	0.88	0.91		# of strides	3.87	2.63	2.61
wind 0.4 m/s velocity	5.29	9.52	10.75	11.24	11.49	11.49	11.63	11.49	11.36	10.99	9.98	47.0	7.75	11.41	11.49
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)												*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	1.91	2.95	3.89	4.79	5.66	6.53	7.40	8.28	9.18	10.10	10.10	3 / 6			
reaction time 0.138 interval		1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.90	0.92		# of strides	3.89	2.64	2.65
wind 0.0 m/s velocity	5.24	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.11	10.87	9.90	47.0	7.71	11.36	11.32
FINAL - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	1.88	2.94	3.88	4.77	5.65	6.52	7.40	8.28	9.16	10.10	10.10	5 / 4			
reaction time 0.142 interval		1.06	0.94	0.89	0.88	0.87	0.88	0.88	0.88	0.94		# of strides	3.88	2.64	2.64
wind 0.4 m/s velocity	5.32	9.43	10.64	11.24	11.36	11.49	11.36	11.36	11.36	10.64	9.90	47.0	7.73	11.36	11.36
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jun-23 time	1.94	2.98	3.92	4.82	5.70	6.58	7.46	8.34	9.24	10.23	10.23	5 / 8			
reaction time 0.212 interval		1.04	0.94	0.90	0.88	0.88	0.88	0.88	0.90	0.99		# of strides	3.92	2.66	2.66
wind 0.0 m/s velocity	5.15	9.62	10.64	11.11	11.36	11.36	11.36	11.36	11.11	10.10	9.78	47.5	7.65	11.28	11.28
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												*Omega Timing (2022) - diamond league race analysis*			
date 06-Aug-22 time		2.90		4.73		6.46		8.20		10.00	10.00	6 / 2			
reaction time 0.130 interval				1.83		1.73		1.74		1.80		# of strides			
wind -0.7 m/s velocity		6.90		10.93		11.56		11.49		11.11	10.00	47.7			
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21 time		3.0		4.8		6.6		8.4		10.19	10.19	5 / 7			
reaction time 0.132 interval				1.80		1.80		1.80		1.79		# of strides			
wind -0.8 m/s velocity		6.67		11.11		11.11		11.11		11.17	9.81	48.0			
FINAL - 2020 Millrose Games (New York, NY)												*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
date 08-Feb-20 time		3.11	4.04	4.94	5.84	6.67					6.67	6 / 4			
reaction time 0.171 interval			0.93	0.90	0.90	0.83						# of strides	4.04	2.63	
velocity		6.43	10.75	11.11	11.11	12.05					9.00	31.2	7.43	11.41	

Brathwaite, Rikkoi (IVB) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.86	2.94	3.91	4.81	5.70	6.57	7.45	8.34	9.24	10.15	10.15	2 / 8			
reaction time 0.129 interval		1.08	0.97	0.90	0.89	0.87	0.88	0.89	0.90	0.91		# of strides	3.91	2.66	2.67
wind 0.7 m/s velocity	5.38	9.26	10.31	11.11	11.24	11.49	11.36	11.24	11.11	10.99	9.85	47.0	7.67	11.28	11.24
Heat 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.93	2.98	3.93	4.81	5.69	6.56	7.45	8.34	9.24	10.13	10.13	4 / 3			
reaction time 0.131 interval		1.05	0.95	0.88	0.88	0.87	0.89	0.89	0.90	0.89		# of strides	3.93	2.63	2.68
wind -1.1 m/s velocity	5.18	9.52	10.53	11.36	11.36	11.49	11.24	11.24	11.11	11.24	9.87	47.7	7.63	11.41	11.19
FINAL - 2024 Prefontaine Classic (Eugene, OR)												*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	1.90	2.95	3.89	4.80	5.68	6.56	7.44	8.34	9.27	10.19	10.19	9 / 6			
reaction time 0.134 interval		1.05	0.94	0.91	0.88	0.88	0.88	0.90	0.93	0.92		# of strides	3.89	2.67	2.71
wind 1.2 m/s velocity	5.26	9.52	10.64	10.99	11.36	11.36	11.36	11.11	10.75	10.87	9.81	46.5	7.71	11.24	11.07
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time				4.8		6.5		8.4		10.31	10.31	9 / 4			
reaction time 0.148 interval						1.70		1.90		1.91		# of strides			
wind -0.2 m/s velocity				8.33		11.76		10.53		10.47	9.70	47.5			
FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR)												*Track Newsletter (2021) - NCAA men's indoor championships*			
date 13-Mar-21 time			3.87			6.56					6.56	/ 3			
reaction time 0.142 interval						2.69						# of strides	3.87	2.69	
velocity			7.75			11.15					9.15		7.75	11.15	

Brännström, André (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.21			7.06		8.94		10.89	10.89	/ 5			
reaction time interval						2.85		1.88		1.95		# of strides	4.21	2.85	

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

wind	2.8 m/s	velocity		7.13		10.53	10.64	10.26	9.18		7.13	10.53	

C FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time	4.16		7.00	8.88	10.81	10.81	/ 1			
reaction time		interval			2.84	1.88	1.93		# of strides	4.16	2.84	
wind	2.6 m/s	velocity	7.21		10.56	10.64	10.36	9.25		7.21	10.56	

FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time	4.17		7.06	9.01	11.01	11.01	/ 7			
reaction time		interval			2.89	1.95	2.00		# of strides	4.17	2.89	
wind	1.4 m/s	velocity	7.19		10.38	10.26	10.00	9.08		7.19	10.38	

Bringmann, Steffen (GER) (1964)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91	time		4.02			6.74		8.55		10.42	10.42	/ 3			
reaction time	interval					2.72		1.81		1.87		# of strides	4.02	2.72	
wind 0.5 m/s	velocity		7.46			11.03		11.05		10.70	9.60		7.46	11.03	

Britt, Jamal (USA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 04-May-25	time 1.97	3.00	3.95	4.86	5.75	6.67	7.48	8.43	9.23	10.20	10.20	1 / 2			
reaction time 0.160	interval	1.03	0.95	0.91	0.89	0.92	0.81	0.95	0.80	0.97	**=PB**	# of strides	3.95	2.72	2.56
wind 0.7 m/s	velocity 5.08	9.71	10.53	10.99	11.24	10.87	12.35	10.53	12.50	10.31	9.80	42.0	7.59	11.03	11.72

Broening, Marius (GER) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	3.06	4.04	4.97		6.79		8.66		10.56	10.56	/ 3			
reaction time 0.205	interval		0.98	0.93		1.82		1.87		1.90		# of strides	4.04	2.75	
wind 1.5 m/s	velocity	6.54	10.20	10.75		10.99		10.70		10.53	9.47		7.43	10.91	

Bromby, Oliver (GBR) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)												*Omega Timing (2019) - diamond league race analysis*			
date 18-Aug-19	time	3.1		5.0		6.8		8.6		10.44	10.44	2 / 7			
reaction time 0.158	interval			1.9		1.8		1.8		1.84		# of strides			
wind -0.3 m/s	velocity	6.45		10.53		11.11		11.11		10.87	9.58				

Bromell, Trayvon (USA) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jun-23	time 1.90	2.93	3.88	4.78	5.66	6.54	7.41	8.29	9.17	10.09	10.09	6 / 3			
reaction time 0.162	interval	1.03	0.95	0.90	0.88	0.88	0.87	0.88	0.88	0.92		# of strides	3.88	2.66	2.63
wind 0.0 m/s	velocity 5.26	9.71	10.53	11.11	11.36	11.36	11.49	11.36	11.36	10.87	9.91	47.0	7.73	11.28	11.41
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)												*Omega Timing (2023) - diamond league race analysis*			
date 28-May-23	time 1.85	2.89	3.83	4.74	5.63	6.51	7.39	8.27	9.16	10.10	10.10	6 / 5			
reaction time 0.139	interval	1.04	0.94	0.91	0.89	0.88	0.88	0.88	0.89	0.94		# of strides	3.83	2.68	2.65
wind 0.1 m/s	velocity 5.41	9.62	10.64	10.99	11.24	11.36	11.36	11.36	11.24	10.64	9.90	47.0	7.83	11.19	11.32
FINAL - 2022 Weltklasse (Zürich, SUI)												*Omega Timing (2022) - diamond league race analysis*			
date 08-Sep-22	time	2.89		4.72		6.45		8.18		9.94	9.94	5 / 1			
reaction time 0.147	interval			1.83		1.73		1.73		1.76		# of strides			
wind -0.3 m/s	velocity	6.92		10.93		11.56		11.56		11.36	10.06	48.5			
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												*Omega Timing (2022) - diamond league race analysis*			
date 06-Aug-22	time	2.89		4.73		6.47		8.19		9.95	9.95	4 / 1			
reaction time 0.138	interval			1.84		1.74		1.72		1.76		# of strides			
wind -0.7 m/s	velocity	6.92		10.87		11.49		11.63		11.36	10.05	47.7			
FINAL - 2022 Prefontaine Classic (Eugene, OR)												*Omega Timing (2022) - diamond league race analysis*			
date 28-May-22	time	2.87		4.70		6.45		8.17		9.93	9.93	6 / 1			
reaction time 0.123	interval			1.83		1.75		1.72		1.76		# of strides			
wind -0.2 m/s	velocity	6.97		10.93		11.43		11.63		11.36	10.07	47.5			
FINAL - 2021 Weltklasse (Zürich, SUI)												*Omega Timing (2021) - diamond league race analysis*			
date 09-Sep-21	time	2.9		4.8		6.5		8.2		9.96	9.96	7 / 4			
reaction time 0.127	interval			1.90		1.70		1.70		1.76		# of strides			
wind -0.4 m/s	velocity	6.90		10.53		11.76		11.76		11.36	10.04	46.5			
FINAL - 2021 Memorial van Damme (Brussels, BEL)												*Omega Timing (2021) - diamond league race analysis*			
date 03-Sep-21	time	2.9		4.8		6.5		8.2		9.97	9.97	3 / 2			
reaction time 0.138	interval			1.90		1.70		1.70		1.77		# of strides			
wind 0.1 m/s	velocity	6.90		10.53		11.76		11.76		11.30	10.03	47.0			

FINAL - 2021 Prefontaine Classic (Eugene, OR) *Omega Timing (2021) - diamond league race analysis*

date	21-Aug-21	time	3.0	4.8	6.5	8.2	9.86	9.86	7 / 4
reaction time	0.134	interval		1.80	1.70	1.70	1.66		# of strides
wind	2.9 m/s	velocity	6.67	11.11	11.76	11.76	12.05	10.14	46.0

FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) *Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time	3.0	4.8	6.5	8.3	9.98	9.98	4 / 1
reaction time	0.173	interval		1.80	1.70	1.80	1.68		# of strides
wind	0.4 m/s	velocity	6.67	11.11	11.76	11.11	11.90	10.02	47.2

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time	3.0	4.8	6.5	8.3	10.01	10.01	5 / 5
reaction time	0.147	interval		1.80	1.70	1.80	1.71		# of strides
wind	0.3 m/s	velocity	6.67	11.11	11.76	11.11	11.70	9.99	46.7

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-19	time	2.14	3.17	4.13	5.06	5.96	6.84	6.84	6 / 7	
reaction time		interval		1.03	0.96	0.93	0.90	0.88		# of strides	4.13	2.71
		velocity	4.67	9.71	10.42	10.75	11.11	11.36	8.77	31.0	7.26	11.07

Brorsson, Alexander (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

A FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time		4.07		6.90		8.88		11.14	11.14	7 / 7			
reaction time		interval				2.83		1.98		2.26		# of strides	4.07	2.83	
wind	1.0 m/s	velocity		7.37		10.60		10.10		8.85	8.98		7.37	10.60	

Heat 8 - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.00		6.74		8.56		10.63	10.63	5 / 7			
reaction time		interval				2.74		1.82		2.07		# of strides	4.00	2.74	
wind	1.8 m/s	velocity		7.50		10.95		10.99		9.66	9.41		7.50	10.95	

Broström, Niklas (SWE) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time		4.17		7.08		9.06		11.18	11.18	/ 1			
reaction time		interval				2.91		1.98		2.12		# of strides	4.17	2.91	
wind	-0.4 m/s	velocity		7.19		10.31		10.10		9.43	8.94		7.19	10.31	

Brown, Aaron (CAN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.92	2.98	3.94	4.85	5.72	6.61	7.49	8.39	9.30	10.27	10.27	7 / 5			
reaction time	0.147	interval		1.06	0.96	0.91	0.87	0.89	0.88	0.90	0.91	0.97		# of strides	3.94	2.67	2.69
wind	1.0 m/s	velocity	5.21	9.43	10.42	10.99	11.49	11.24	11.36	11.11	10.99	10.31	9.74	47.7	7.61	11.24	11.15

FINAL - 2023 FBK Games (Hengelo, NED) *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.87	2.93	3.88	4.80	5.70	6.59	7.47	8.36	9.24	10.15	10.15	3 / 6			
reaction time	0.186	interval		1.06	0.95	0.92	0.90	0.89	0.88	0.89	0.88	0.91		# of strides	3.88	2.71	2.65
wind	0.4 m/s	velocity	5.35	9.43	10.53	10.87	11.11	11.24	11.36	11.24	11.36	10.99	9.85	48.0	7.73	11.07	11.32

FINAL - 2022 Weltklasse (Zürich, SUI) *Omega Timing (2022) - diamond league race analysis*

date	08-Sep-22	time	2.94	4.80	6.57	8.31	10.06	10.06	8 / 3
reaction time	0.162	interval		1.86	1.77	1.74	1.75		# of strides
wind	-0.3 m/s	velocity	6.80	10.75	11.30	11.49	11.43	9.94	47.0

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) *Omega Timing (2022) - diamond league race analysis*

date	21-May-22	time	2.94	4.82	6.61	8.37	10.13	10.13	8 / 1
reaction time	0.149	interval		1.88	1.79	1.76	1.76		# of strides
wind	-0.2 m/s	velocity	6.80	10.64	11.17	11.36	11.36	9.87	47.0

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

date	04-Jul-21	time	3.0	4.9	6.7	8.4	10.18	10.18	8 / 5
reaction time	0.147	interval		1.90	1.80	1.70	1.78		# of strides
wind	-0.8 m/s	velocity	6.67	10.53	11.11	11.76	11.24	9.82	47.2

FINAL - 2019 IAAF World Championships (Doha, QAT) *Pang (2021) - kinematic analysis of key technical links of athletes in men's 100m final of 2019 world championships*

date	28-Sep-19	time	1.86	2.90	3.87	4.78	5.67	6.55	7.41	8.28	9.17	10.08	10.08	9 / 8			
reaction time	0.155	interval		1.04	0.97	0.91	0.89	0.88	0.86	0.87	0.89	0.91		# of strides	3.87	2.68	2.62
wind	0.6 m/s	velocity	5.38	9.62	10.31	10.99	11.24	11.36	11.63	11.49	11.24	10.99	9.92	47.2	7.75	11.19	11.45

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

date	05-Jul-19	time			5.8		10.07	10.07	8 / 3
reaction time	0.142	interval					4.27		# of strides
wind	0.2 m/s	velocity			8.62		11.71	9.93	46.5

Brown, Kemarley (JAM) (1992)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
A FINAL - 2015 Windsprint (Sundsvall, SWE)														*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time			3.99			6.70		8.51		10.43	10.43	4 / 2			
reaction time		interval						2.71		1.81		1.92		# of strides	3.99	2.71	
wind	1.0 m/s	velocity			7.52			11.07		11.05		10.42	9.59		7.52	11.07	
A FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			3.90			6.53		8.29		10.09	10.09	4 / 1			
reaction time		interval						2.63		1.76		1.80		# of strides	3.90	2.63	
wind	1.5 m/s	velocity			7.69			11.41		11.36		11.11	9.91		7.69	11.41	

Browning, Rohan (AUS) (1997)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.98	3.09	3.98	4.88	5.77	6.64	7.55	8.45	9.36	10.29	10.29	8 / 6			
reaction time	0.143	interval		1.11	0.89	0.90	0.89	0.87	0.91	0.90	0.91	0.93		# of strides	3.98	2.66	2.72
wind	-1.1 m/s	velocity	5.05	9.01	11.24	11.11	11.24	11.49	10.99	11.11	10.99	10.75	9.72	47.0	7.54	11.28	11.03
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Jun-23	time	1.93	3.00	3.93	4.83	5.68	6.58	7.45	8.34	9.23	10.15	10.15	1 / 6			
reaction time	0.128	interval		1.07	0.93	0.90	0.85	0.90	0.87	0.89	0.89	0.92		# of strides	3.93	2.65	2.65
wind	0.0 m/s	velocity	5.18	9.35	10.75	11.11	11.76	11.11	11.49	11.24	11.24	10.87	9.85	46.7	7.63	11.32	11.32
FINAL - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		2.9		4.7		6.5		8.3		10.20	10.20	8 / 6			
reaction time		interval				1.80		1.80		1.80		1.90		# of strides			
wind	-0.9 m/s	velocity		6.90		11.11		11.11		11.11		10.53	9.80	46.7			
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time				4.8		6.5		8.3		10.17	10.17	7 / 2			
reaction time	0.134	interval						1.70		1.80		1.87		# of strides			
wind	-0.2 m/s	velocity				8.33		11.76		11.11		10.70	9.83	46.5			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2022) - diamond league race analysis*			
date	30-Jun-22	time		3.13		4.98		6.76		8.56		10.38	10.38	2 / 7			
reaction time	0.288	interval				1.85		1.78		1.80		1.82		# of strides			
wind	-0.5 m/s	velocity		6.39		10.81		11.24		11.11		10.99	9.63	46.2			
FINAL - 2022 Bislett Games (Oslo, NOR)														*Omega Timing (2022) - diamond league race analysis*			
date	16-Jun-22	time		2.99		4.87		6.67		8.46		10.28	10.28	2 / 7			
reaction time	0.141	interval				1.88		1.80		1.79		1.82		# of strides			
wind	0.5 m/s	velocity		6.69		10.64		11.11		11.17		10.99	9.73	46.7			
FINAL - 2021 Weltklasse (Zürich, SUI)														*Omega Timing (2021) - diamond league race analysis*			
date	09-Sep-21	time		3.0		4.8		6.6		8.4		10.18	10.18	2 / 6			
reaction time	0.127	interval				1.80		1.80		1.80		1.78		# of strides			
wind	-0.4 m/s	velocity		6.67		11.11		11.11		11.11		11.24	9.82	47.0			
FINAL - 2021 Memorial van Damme (Brussels, BEL)														*Omega Timing (2021) - diamond league race analysis*			
date	03-Sep-21	time		3.0		4.8		6.6		8.4		10.14	10.14	2 / 5			
reaction time	0.120	interval				1.80		1.80		1.80		1.74		# of strides			
wind	0.1 m/s	velocity		6.67		11.11		11.11		11.11		11.49	9.86	47.0			
FINAL - 2018 Austrailian Athletics Championships (Gold Coast, AUS)														*Emma (2018.02.26) - twitter.com/Rohan_Browning*			
date	16-Feb-18	time	1.95	2.97	3.91	4.83	5.71	6.57	7.45	8.36	9.28	10.21	10.20	6 / 2			
reaction time		interval		1.02	0.94	0.92	0.88	0.86	0.88	0.91	0.92	0.93		# of strides	3.91	2.66	2.71
wind	0.4 m/s	velocity	5.13	9.80	10.64	10.87	11.36	11.63	11.36	10.99	10.87	10.75	9.80	46.2	7.67	11.28	11.07

Bruintjies, Henricho (RSA) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2022 Meeting de Paris (Paris, FRA)														*Omega Timing (2022) - diamond league race analysis*			
date	18-Jun-22	time		2.97		4.85		6.68		8.50		10.38	10.38	2 / 5			
reaction time	0.144	interval				1.88		1.83		1.82		1.88		# of strides			
wind	-1.6 m/s	velocity		6.73		10.64		10.93		10.99		10.64	9.63				

Brunson, Marcus (USA) (1978)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2006 Osaka Grand Prix (Osaka, JPN)														*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*			
date	06-May-06	time	1.97	3.00	3.93	4.82	5.69	6.56	7.44	8.32	9.21	10.12	10.12	/ ~~2~~ 1			
reaction time		interval		1.03	0.93	0.89	0.87	0.87	0.88	0.88	0.89	0.91		# of strides	3.93	2.63	2.65
wind	-0.1 m/s	velocity	5.08	9.71	10.75	11.24	11.49	11.49	11.36	11.36	11.24	10.99	9.88		7.63	11.41	11.32

Brusenback, Chris (SWE) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2015 Windsprint (Sundsvall, SWE)														*(2015) - www.windsprint/Splittider/*			

date	26-Jul-15	time	4.11	6.91	8.82	10.77	10.77	5 / 5			
reaction time		interval		2.80	1.91	1.95		# of strides	4.11	2.80	
wind	0.9 m/s	velocity	7.30	10.71	10.47	10.26	9.29		7.30	10.71	

C FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.13	6.94	8.83	10.80	10.80	2 / 2			
reaction time		interval		2.81	1.89	1.97		# of strides	4.13	2.81	
wind	1.7 m/s	velocity	7.26	10.68	10.58	10.15	9.26		7.26	10.68	

Heat 8 - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.12	6.98	8.92	10.92	10.92	1 / 8			
reaction time		interval		2.86	1.94	2.00		# of strides	4.12	2.86	
wind	1.8 m/s	velocity	7.28	10.49	10.31	10.00	9.16		7.28	10.49	

Bryzgin, Viktor (URS) (1962)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA)												*Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*			
date 30-Aug-87	time 1.94	3.00	3.97	4.87	5.77	6.66	7.56	8.45	9.35	10.25	10.25	1 / ~~6~~ 5			
reaction time 0.139	interval	1.06	0.97	0.90	0.90	0.89	0.90	0.89	0.90	0.90		# of strides	3.97	2.69	2.69
wind 1.0 m/s	velocity 5.15	9.43	10.31	11.11	11.11	11.24	11.11	11.24	11.11	11.11	9.76	46.0	7.56	11.15	11.15

Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time	3.95	6.69		10.23	10.23	5 / 4			
reaction time		interval		2.74		3.54		# of strides	3.95	2.74	
wind	-1.3 m/s	velocity	7.59	10.95		11.30	9.78	46.5	7.59	10.95	

Quarter-Final 2 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	3.92	6.64		10.29	10.29	6 / 1			
reaction time		interval		2.72		3.65		# of strides	3.92	2.72	
wind	-1.5 m/s	velocity	7.65	11.03		10.96	9.72	46.7	7.65	11.03	

Heat 4 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	3.96	6.61		10.25	10.25	/ 2			
reaction time		interval		2.65		3.64		# of strides	3.96	2.65	
wind	1.6 m/s	velocity	7.58	11.32		10.99	9.76		7.58	11.32	

Bu Yunhan (CHN) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)											*Omega Timing (2025) - diamond league race analysis*				
date 26-Apr-25	time 2.08	3.19	4.23	5.22	6.20	7.20	8.22	9.26	10.32	11.43	11.43	10 / 7			
reaction time 0.207	interval	1.11	1.04	0.99	0.98	1.00	1.02	1.04	1.06	1.11	PB	# of strides	4.23	2.97	3.12
wind 0.5 m/s	velocity 4.81	9.01	9.62	10.10	10.20	10.00	9.80	9.62	9.43	9.01	8.75		7.09	10.10	9.62

Buhagen, Kristoffer (NOR) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time		4.10			6.91		8.83		10.83	10.83	2 / 7			
reaction time	interval					2.81		1.92		2.00		# of strides	4.10	2.81	
wind 0.9 m/s	velocity		7.32			10.68		10.42		10.00	9.23		7.32	10.68	

B FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.06	6.88		8.77		10.69	10.69	3 / 4			
reaction time		interval		2.82		1.89		1.92		# of strides	4.06	2.82	
wind	0.3 m/s	velocity	7.39	10.64		10.58		10.42	9.35		7.39	10.64	

E FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.14	6.99		8.92		10.91	10.91	5 / 4			
reaction time		interval		2.85		1.93		1.99		# of strides	4.14	2.85	
wind	2.8 m/s	velocity	7.25	10.53		10.36		10.05	9.17		7.25	10.53	

D FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time	4.15	7.07		9.00		10.98	10.98	/ 3			
reaction time		interval		2.92		1.93		1.98		# of strides	4.15	2.92	
wind	2.5 m/s	velocity	7.23	10.27		10.36		10.10	9.11		7.23	10.27	

Bunson, Phooripol (THA) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*				
date 04-Aug-24	time 1.93	3.00	3.96	4.88	5.76	6.63	7.50	8.37	9.25	10.14	10.14	1 / 9			
reaction time 0.158	interval	1.07	0.96	0.92	0.88	0.87	0.87	0.87	0.88	0.89		# of strides	3.96	2.67	2.62
wind 0.5 m/s	velocity 5.18	9.35	10.42	10.87	11.36	11.49	11.49	11.49	11.36	11.24	9.86	45.0	7.58	11.24	11.45

Heat 4 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.94	3.00	3.95	4.87	5.75	6.62	7.50	8.36	9.24	10.13	10.13	2 / 3			
reaction time	0.161	interval		1.06	0.95	0.92	0.88	0.87	0.88	0.86	0.88	0.89		# of strides	3.95	2.67	2.62
wind	0.0 m/s	velocity	5.15	9.43	10.53	10.87	11.36	11.49	11.36	11.63	11.36	11.24	9.87	46.0	7.59	11.24	11.45

Buntin, Nadale (SKN) (2000)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)													*Longines Timing (2022) - commonwealth games race analysis*				
date	03-Aug-22	time		3.0		4.9		6.7		8.6		10.51	10.51	1 / 9			
reaction time	0.158	interval				1.90		1.80		1.90		1.91		# of strides			
wind	-1.2 m/s	velocity		6.67		10.53		11.11		10.53		10.47	9.51	46.2			

Burke, Mario (BAR) (1997)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)													*Omega Timing (2020) - diamond league race analysis*				
date	17-Sep-20	time		3.0		4.9		6.7		8.5		10.34	10.34	9 / 9			
reaction time	0.123	interval				1.90		1.80		1.80		1.84		# of strides			
wind	0.3 m/s	velocity		6.67		10.53		11.11		11.11		10.87	5.80	45.7			

Burlák, Jakub (CZE) (1996)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*				
date	28-Jun-14	time		3.23		5.28		7.28		9.31		11.41	11.41	5 / 3			
reaction time	0.214	interval				2.05		2.00		2.03		2.10		# of strides			
wind	-2.5 m/s	velocity		6.19		9.76		10.00		9.85		9.52	8.76				

Burnet, Taymir (NED) (1992)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)													*European Athletics (2025) - european athletics indoor championships results book*				
date	08-Mar-25	time	1.89	2.96	3.93	4.84	5.75	6.66					6.66	1 / 8			
reaction time	0.131	interval		1.07	0.97	0.91	0.91	0.91						# of strides	3.93	2.73	
		velocity	5.29	9.35	10.31	10.99	10.99	10.99					9.01	28.5	7.63	10.99	
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)													*European Athletics (2025) - european athletics indoor championships results book*				
date	08-Mar-25	time	1.91	2.96	3.92	4.83	5.73	6.61					6.61	4 / 3			
reaction time	0.138	interval		1.05	0.96	0.91	0.90	0.88					**PB**	# of strides	3.92	2.69	
		velocity	5.24	9.52	10.42	10.99	11.11	11.36					9.08		7.65	11.15	

Burns, Marc (TTO) (1983)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	16-Aug-09	time		2.94	3.87	4.76		6.52		8.24		10.00	10.00	2 / 7			
reaction time	0.165	interval			0.93	0.89		1.76		1.72		1.76		# of strides	3.87	2.65	
wind	0.9 m/s	velocity		6.80	10.75	11.24		11.36		11.63		11.36	10.00		7.75	11.32	
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	16-Aug-09	time		2.95	3.88	4.76		6.52		8.23		10.01	10.01	8 / 4			
reaction time	0.159	interval			0.93	0.88		1.76		1.71		1.78		# of strides	3.88	2.64	
wind	0.2 m/s	velocity		6.78	10.75	11.36		11.36		11.70		11.24	9.99	43.0	7.73	11.36	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time		2.97	3.91	4.81		6.59		8.32		10.12	10.12	8 / 3			
reaction time	0.184	interval			0.94	0.90		1.78		1.73		1.80		# of strides	3.91	2.68	
wind	-0.4 m/s	velocity		6.73	10.64	11.11		11.24		11.56		11.11	9.88		7.67	11.19	
Heat 6 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time		2.99	3.94	4.85		6.66		8.45		10.39	10.39	3 / 2			
reaction time	0.163	interval			0.95	0.91		1.81		1.79		1.94		# of strides	3.94	2.72	
wind	-0.8 m/s	velocity		6.69	10.53	10.99		11.05		11.17		10.31	9.62		7.61	11.03	
FINAL - 2009 ISTAF (Berlin, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*				
date	14-Jun-09	time		2.95	3.89	4.79		6.53		8.32		10.15	10.15	/ 3			
reaction time	0.184	interval			0.94	0.90		1.74		1.79		1.83		# of strides	3.89	2.64	
wind	1.4 m/s	velocity		6.78	10.64	11.11		11.49		11.17		10.93	9.85		7.71	11.36	
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*				
date	13-Sep-08	time		2.98	3.93	4.84	5.73	6.66	7.50	8.40		10.22	10.22	6 / 5			
reaction time	0.153	interval			0.95	0.91	0.89	0.93	0.84	0.90		1.82		# of strides	3.93	2.73	
wind	0.4 m/s	velocity		6.71	10.53	10.99	11.24	10.75	11.90	11.11		10.99	9.78		7.63	10.99	
FINAL - 2008 Olympic Games (Beijing, CHN)													*Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*				
date	16-Aug-08	time			3.83			6.47		8.23		10.01	10.01	8 / 7			
reaction time	0.145	interval						2.64		1.76		1.78		# of strides	3.83	2.64	
wind	0.0 m/s	velocity			7.83			11.36		11.36		11.24	9.99	43.2	7.83	11.36	

Burraj, Franko (ALB) (1998)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	1.99	3.10	4.09	5.03	5.97	6.90	7.82	8.75	9.70	10.66	10.66	8 / 8			
reaction time	0.166	interval		1.11	0.99	0.94	0.94	0.93	0.92	0.93	0.95	0.96		# of strides	4.09	2.81	2.80
wind	0.0 m/s	velocity	5.03	9.01	10.10	10.64	10.64	10.75	10.87	10.75	10.53	10.42	9.38	46.0	7.33	10.68	10.71

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

date	03-Aug-24	time	1.96	3.08	4.07	5.00	5.93	6.85	7.77	8.69	9.65	10.60	10.60	5 / 2			
reaction time	0.161	interval		1.12	0.99	0.93	0.93	0.92	0.92	0.92	0.96	0.95	PB	# of strides	4.07	2.78	2.80
wind	0.1 m/s	velocity	5.10	8.93	10.10	10.75	10.75	10.87	10.87	10.87	10.42	10.53	9.43	46.7	7.37	10.79	10.71

Burrell, Cameron (USA) (1994)

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 18-Aug-19	time	3.1		4.9		6.7		8.5		10.36	10.36	2 / 7			
reaction time 0.117	interval			1.8		1.8		1.8		1.86		# of strides			
wind 0.7 m/s	velocity	6.45		11.11		11.11		11.11		10.75	9.65				

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

date	05-Jul-19	time					5.8				10.18	10.18	2 / 5			
reaction time	0.126	interval									4.38		# of strides			
wind	0.2 m/s	velocity					8.62				11.42	9.82	48.2			

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	19-May-19	time	1.88	2.92	3.86	4.76	5.63	6.51	7.38	8.27	9.18	10.12	10.12	6 / 7			
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.88	0.87	0.89	0.91	0.94		# of strides	3.86	2.65	2.67
wind	1.7 m/s	velocity	5.32	9.62	10.64	11.11	11.49	11.36	11.49	11.24	10.99	10.64	9.88	47.1	7.77	11.32	11.24

Burrell, Leroy (USA) (1967)

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 15-Jun-96	time	1.93		3.91		5.64			9.14	10.07	10.07	2 / 6			
reaction time	interval			1.98		1.73			3.50	0.93		# of strides	3.91		
wind 1.1 m/s	velocity	5.18		10.10		11.56			11.43	10.75	9.93		7.67		

FINAL - 1992 Olympic Games (Barcelona, ESP) *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		2.99		4.82		6.58		8.32		10.11	10.10	6 / 5			
reaction time	0.165	interval				1.83		1.76		1.74		1.79		# of strides			
wind	0.5 m/s	velocity		6.69		10.93		11.36		11.49		11.17	9.90	43.0			

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.83	2.89	3.80	4.68	5.55	6.41	7.28	8.12	9.01	9.88	9.88	3 / 2			
reaction time	0.120	interval		1.06	0.91	0.88	0.87	0.86	0.87	0.84	0.89	0.87	PB	# of strides	3.80	2.61	2.60
wind	1.2 m/s	velocity	5.46	9.43	10.99	11.36	11.49	11.63	11.49	11.90	11.24	11.49	10.12	44.0	7.89	11.49	11.54

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

date	08-Sep-89	time		2.99		4.85	5.73	6.61	7.48	8.36		10.15	10.15	/ 2			
reaction time	0.154	interval				1.86	0.88	0.88	0.87	0.88		1.79		# of strides			
wind	0.5 m/s	velocity		6.69		10.75	11.36	11.36	11.49	11.36		11.17	9.85	43.8			

Bychkov, Sergey (RUS) (1975)

FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 23-Jun-01	time	3.05	4.03	4.96		6.77		8.60		10.46	10.46	/ 7			
reaction time	interval		0.98	0.93		1.81		1.83		1.86		# of strides	4.03	2.74	
wind 1.4 m/s	velocity	6.56	10.20	10.75		11.05		10.93		10.75	9.56		7.44	10.95	

Cali, Stéphane (FRA) (1972)

FINAL - 1997 European Cup (Munich, GER) *Jung (2003) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 21-Jun-97	time	2.06		4.04		6.75				10.44	10.44	/ 8			
reaction time	interval			1.98		2.71				3.69		# of strides	4.04	2.71	
wind 0.2 m/s	velocity	4.85		10.10		11.07				10.84	9.58		7.43	11.07	

FINAL - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.91	2.96	3.92	4.88	5.72	6.64					6.64	/ 2			
reaction time		interval		1.05	0.96	0.96	0.84	0.92						# of strides	3.92	2.72	
		velocity	5.24	9.52	10.42	10.42	11.90	10.87					9.04		7.65	11.03	

Heat 1 - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.91	2.97	3.92	4.83	5.74	6.65					6.65	/ 1			
reaction time		interval		1.06	0.95	0.91	0.91	0.91						# of strides	3.92	2.73	
		velocity	5.24	9.43	10.53	10.99	10.99	10.99					9.02		7.65	10.99	

Callender, Emmanuel (TTO) (1984)

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 15-Aug-09	time	2.98	3.94	4.85		6.65		8.42		10.27	10.27	6 / 7			
reaction time 0.149	interval		0.96	0.91		1.80		1.77		1.85		# of strides	3.94	2.71	
wind 0.1 m/s	velocity	6.71	10.42	10.99		11.11		11.30		10.81	9.74		7.61	11.07	

Heat 8 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.98	3.93	4.84		6.63		8.40		10.24	10.24	6 / 2			

reaction time	0.151	interval		0.95	0.91		1.79		1.77		1.84		# of strides	3.93	2.70
wind	0.0 m/s	velocity	6.71	10.53	10.99		11.17		11.30		10.87	9.77		7.63	11.11

Camara, Ebrahima (GAM) (1996)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.90	2.98	3.91	4.81	5.70	6.58	7.47	8.36	9.27	10.21	10.21	1 / 4			
reaction time	0.144	interval		1.08	0.93	0.90	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.91	2.67	2.69
wind	-1.1 m/s	velocity	5.26	9.26	10.75	11.11	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.0	7.67	11.24	11.15
Prelim 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.94	3.02	3.97	4.88	5.76	6.64	7.53	8.44	9.35	10.29	10.29	2 / 1			
reaction time	0.156	interval		1.08	0.95	0.91	0.88	0.88	0.89	0.91	0.91	0.94		# of strides	3.97	2.67	2.71
wind	0.6 m/s	velocity	5.15	9.26	10.53	10.99	11.36	11.36	11.24	10.99	10.99	10.64	9.72	47.2	7.56	11.24	11.07
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time		3.0		4.8		6.6		8.5		10.31	10.31	2 / 3			
reaction time	0.141	interval				1.80		1.80		1.90		1.81		# of strides			
wind	0.5 m/s	velocity		6.67		11.11		11.11		10.53		11.05	9.70	47.7			

Camara, Ibrahim (BEL) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Invitational - 2024 Memorial van damme (Brussels, BEL)														*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	2.01	3.13	4.12	5.07	6.00	6.94	7.88	8.83	9.81	10.80	10.80	1 / 8			
reaction time	0.161	interval		1.12	0.99	0.95	0.93	0.94	0.94	0.95	0.98	0.99		# of strides	4.12	2.82	2.87
wind	0.0 m/s	velocity	4.98	8.93	10.10	10.53	10.75	10.64	10.64	10.53	10.20	10.10	9.26		7.28	10.64	10.45

Camara, Seco (GBS) (1995)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	2.04	3.13	4.10	5.05	5.98	6.89	7.83	8.78	9.76	10.76	10.76	6 / 5			
reaction time	0.180	interval		1.09	0.97	0.95	0.93	0.91	0.94	0.95	0.98	1.00		# of strides	4.10	2.79	2.87
wind	0.6 m/s	velocity	4.90	9.17	10.31	10.53	10.75	10.99	10.64	10.53	10.20	10.00	9.29	46.0	7.32	10.75	10.45

Cambridge, Aska (JPN) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Japanese National Championships (Niigata, JPN)														*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date	02-Oct-20	time	1.89	2.97	3.93	4.85	5.75	6.64	7.53	8.43	9.34	10.28	10.28	4 / 2			
reaction time	0.154	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.91	0.94		# of strides	3.93	2.71	2.70
wind	-0.2 m/s	velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.99	10.64	9.73	47.0	7.63	11.07	11.11
FINAL - 2020 Athlete Night Games (Fukui, JPN)														*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date	29-Aug-20	time	1.87	2.94	3.89	4.79	5.67	6.53	7.39	8.26	9.13	10.03	10.03	/ 1			
reaction time		interval		1.07	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.90	**PB**	# of strides	3.89	2.64	2.60
wind	1.0 m/s	velocity	5.35	9.35	10.53	11.11	11.36	11.63	11.63	11.49	11.49	11.11	9.97	48.5	7.71	11.36	11.54
Semi-Final 2 - 2019 Japanese National Championships (Fukuoka, JPN)														*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date	27-Jun-19	time	1.87	2.95	3.91	4.82	5.71	6.59	7.47	8.36	9.27	10.20	10.20	7 / 2			
reaction time	0.129	interval		1.08	0.96	0.91	0.89	0.88	0.88	0.89	0.91	0.93		# of strides	3.91	2.68	2.68
wind	0.1 m/s	velocity	5.35	9.26	10.42	10.99	11.24	11.36	11.36	11.24	10.99	10.75	9.80	46.2	7.67	11.19	11.19
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)														*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date	23-Jun-18	time	1.92	2.99	3.95	4.85	5.73	6.60	7.46	8.34	9.23	10.14	10.14	5 / 2			
reaction time	0.143	interval		1.07	0.96	0.90	0.88	0.87	0.86	0.88	0.89	0.91		# of strides	3.95	2.65	2.63
wind	0.6 m/s	velocity	5.21	9.35	10.42	11.11	11.36	11.49	11.63	11.36	11.24	10.99	9.86	47.0	7.59	11.32	11.41
FINAL - 2018 Fuse Sprint (Tottori, JPN)														*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date	03-Jun-18	time	1.86	2.94	3.90	4.81	5.70	6.58	7.47	8.36	9.27	10.21	10.21	/ 3			
reaction time		interval		1.08	0.96	0.91	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.90	2.68	2.69
wind	-0.7 m/s	velocity	5.38	9.26	10.42	10.99	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.3	7.69	11.19	11.15
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)														*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date	20-May-18	time	1.91	2.98	3.94	4.85	5.73	6.61	7.49	8.37	9.27	10.19	10.19	7 / 5			
reaction time	0.145	interval		1.07	0.96	0.91	0.88	0.88	0.88	0.88	0.90	0.92		# of strides	3.94	2.67	2.66
wind	-0.7 m/s	velocity	5.24	9.35	10.42	10.99	11.36	11.36	11.36	11.36	11.11	10.87	9.81	47.4	7.61	11.24	11.28
A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date	29-Apr-18	time	1.91	2.97	3.94	4.85	5.75	6.64	7.53	8.42	9.33	10.26	10.26	5 / 2			
reaction time		interval		1.06	0.97	0.91	0.90	0.89	0.89	0.89	0.91	0.93		# of strides	3.94	2.70	2.69
wind	1.3 m/s	velocity	5.24	9.43	10.31	10.99	11.11	11.24	11.24	11.24	10.99	10.75	9.75	48.8	7.61	11.11	11.15
Heat 4 - 2017 Japanese National Championships (Osaka, JPN)														*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date	23-Jun-17	time	1.87	2.93	3.87	4.77	5.65	6.51	7.38	8.26	9.16	10.08	10.08	/ 1			
reaction time	0.123	interval		1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.90	0.92	**PB**	# of strides	3.87	2.64	2.65
wind	-0.9 m/s	velocity	5.35	9.43	10.64	11.11	11.36	11.63	11.49	11.36	11.11	10.87	9.92	47.2	7.75	11.36	11.32

FINAL - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.89	2.96	3.91	4.82	5.70	6.58	7.46	8.35	9.25	10.16	10.16	5 / 1		
reaction time	0.139	interval		1.07	0.95	0.91	0.88	0.88	0.88	0.89	0.90	0.91		# of strides	3.91	2.67	2.67
wind	-0.3 m/s	velocity	5.29	9.35	10.53	10.99	11.36	11.36	11.36	11.24	11.11	10.99	9.84	47.0	7.67	11.24	11.24

Semi-Final 1 - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.90	2.97	3.83	4.84	5.73	6.62	7.51	8.42	9.33	10.25	10.25	4 / 1		
reaction time	0.150	interval		1.07	0.86	1.01	0.89	0.89	0.89	0.91	0.91	0.92		# of strides	3.83	2.79	2.71
wind	-0.3 m/s	velocity	5.26	9.35	11.63	9.90	11.24	11.24	11.24	10.99	10.99	10.87	9.76	47.3	7.83	10.75	11.07

Heat 2 - 2016 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	29-Apr-16	time	1.97	3.03	3.99	4.90	5.80	6.69	7.59	8.48	9.40	10.33	10.33	5 / 1		
reaction time		interval		1.06	0.96	0.91	0.90	0.89	0.90	0.89	0.92	0.93		# of strides	3.99	2.70	2.71
wind	-0.4 m/s	velocity	5.08	9.43	10.42	10.99	11.11	11.24	11.11	11.24	10.87	10.75	9.68	47.0	7.52	11.11	11.07

Heat 3 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	27-Jun-15	time	1.95	3.00	3.95	4.86	5.76	6.66	7.56	8.48	9.40	10.37	10.37	5 / 2		
reaction time	0.160	interval		1.05	0.95	0.91	0.90	0.90	0.90	0.92	0.92	0.97		# of strides	3.95	2.71	2.74
wind	0.2 m/s	velocity	5.13	9.52	10.53	10.99	11.11	11.11	11.11	10.87	10.87	10.31	9.64	46.2	7.59	11.07	10.95

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.95	3.02	3.98	4.90	5.79	6.69	7.59	8.51	9.43	10.37	10.37	4 / 1		
reaction time		interval		1.07	0.96	0.92	0.89	0.90	0.90	0.92	0.92	0.94		# of strides	3.98	2.71	2.74
wind	-0.2 m/s	velocity	5.13	9.35	10.42	10.87	11.24	11.11	11.11	10.87	10.87	10.64	9.64	47.2	7.54	11.07	10.95

Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.96	3.02	3.98	4.90	5.79	6.68	7.57	8.47	9.39	10.33	10.33	5 / 1		
reaction time		interval		1.06	0.96	0.92	0.89	0.89	0.89	0.90	0.92	0.94		# of strides	3.98	2.70	2.71
wind	0.5 m/s	velocity	5.10	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.64	9.68	46.5	7.54	11.11	11.07

FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.95	3.03	3.99	4.90	5.80	6.69	7.58	8.48	9.39	10.32	10.32	8 / 6		
reaction time		interval		1.08	0.96	0.91	0.90	0.89	0.89	0.90	0.91	0.93		# of strides	3.99	2.70	2.70
wind	0.7 m/s	velocity	5.13	9.26	10.42	10.99	11.11	11.24	11.24	11.11	10.99	10.75	9.69	47.0	7.52	11.11	11.11

Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.96	3.03	3.99	4.90	5.80	6.68	7.56	8.44	9.34	10.24	10.24	6 / 2		
reaction time		interval		1.07	0.96	0.91	0.90	0.88	0.88	0.88	0.90	0.90		# of strides	3.99	2.69	2.66
wind	2.6 m/s	velocity	5.10	9.35	10.42	10.99	11.11	11.36	11.36	11.36	11.11	11.11	9.77	46.9	7.52	11.15	11.28

FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN) *Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	04-Aug-11	time					5.91	6.82	7.75	8.69	9.65	10.64	10.64	4 / 3		
reaction time		interval						0.91	0.93	0.94	0.96	0.99		# of strides			2.83
wind	-0.5 m/s	velocity					8.46	10.99	10.75	10.64	10.42	10.10	9.40				10.60

Campbell, Darren (GBR) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.99	3.94	4.84		6.60		8.36		10.15	10.15	/ ~~3~~ 2			
reaction time	0.150	interval			0.95	0.90		1.76		1.76		1.79		# of strides	3.94	2.66	
wind	-0.3 m/s	velocity		6.69	10.53	11.11		11.36		11.36		11.17	9.85	44.2	7.61	11.28	

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		3.02	3.98	4.90		6.69		8.46		10.30	10.30	/ 3			
reaction time	0.166	interval			0.96	0.92		1.79		1.77		1.84		# of strides	3.98	2.71	
wind	0.1 m/s	velocity		6.62	10.42	10.87		11.17		11.30		10.87	9.71		7.54	11.07	

Quarter-Final 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.00	3.96	4.87		6.66		8.45		10.29	10.29	/ 1			
reaction time	0.143	interval			0.96	0.91		1.79		1.79		1.84		# of strides	3.96	2.70	
wind	-0.6 m/s	velocity		6.67	10.42	10.99		11.17		11.17		10.87	9.72		7.58	11.11	

Heat 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.01	3.97	4.88		6.67		8.47		10.36	10.36	/ 2			
reaction time	0.134	interval			0.96	0.91		1.79		1.80		1.89		# of strides	3.97	2.70	
wind	0.4 m/s	velocity		6.64	10.42	10.99		11.17		11.11		10.58	9.65		7.56	11.11	

Campbell, Micheal (JAM) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	14-Sep-24	time	1.93	3.01	3.94	4.89	5.81	6.69	7.59	8.52	9.46	10.40	10.40	7 / 5			
reaction time	0.137	interval		1.08	0.93	0.95	0.92	0.88	0.90	0.93	0.94	0.94		# of strides	3.94	2.75	2.77
wind	0.0 m/s	velocity	5.18	9.26	10.75	10.53	10.87	11.36	11.11	10.75	10.64	10.64	9.62		7.61	10.91	10.83

Capel, John (USA) (1978)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	29-Jun-08	time	1.96	3.02	3.95	4.87	5.72	6.65	7.48	8.36	9.30	10.21	10.21	7 / 6			
reaction time		interval		1.06	0.93	0.92	0.85	0.93	0.83	0.88	0.94	0.91		# of strides	3.95	2.70	2.65
wind	0.5 m/s	velocity	5.10	9.43	10.75	10.87	11.76	10.75	12.05	11.36	10.64	10.99	9.79	47.0	7.59	11.11	11.32
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.90	3.00	3.91	4.79	5.67	6.53	7.41	8.25	9.16	10.06	10.06	6 / 4			
reaction time		interval		1.10	0.91	0.88	0.88	0.86	0.88	0.84	0.91	0.90		# of strides	3.91	2.62	2.63
wind	1.6 m/s	velocity	5.26	9.09	10.99	11.36	11.36	11.63	11.36	11.90	10.99	11.11	9.94	47.0	7.67	11.45	11.41
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.98	3.03	3.95	4.87	5.74	6.59	7.47	8.39	9.26	10.16	10.16	4 / 3			
reaction time		interval		1.05	0.92	0.92	0.87	0.85	0.88	0.92	0.87	0.90		# of strides	3.95	2.64	2.67
wind	1.4 m/s	velocity	5.05	9.52	10.87	10.87	11.49	11.76	11.36	10.87	11.49	11.11	9.84		7.59	11.36	11.24
FINAL - 2004 USA Olympic Trials (Sacramento, CA)														*USATF Women's Sprint Development (2004)*			
date	11-Jul-04	time	1.95	2.94	3.87	4.77	5.62	6.50	7.37	8.24	9.11	10.02	10.02	4 / 5			
reaction time	0.146	interval		0.99	0.93	0.90	0.85	0.88	0.87	0.87	0.87	0.91		# of strides	3.87	2.63	2.61
wind	0.0 m/s	velocity	5.13	10.10	10.75	11.11	11.76	11.36	11.49	11.49	11.49	10.99	9.98	46.7	7.75	11.41	11.49

Carchon, Robbe (BEL) (2006)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)														*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	2.05	3.19	4.23	5.23	6.22	7.22	8.22	9.23	10.25	11.29	11.29	8 / 6			
reaction time	0.152	interval		1.14	1.04	1.00	0.99	1.00	1.00	1.01	1.02	1.04		# of strides	4.23	2.99	3.03
wind	-0.4 m/s	velocity	4.88	8.77	9.62	10.00	10.10	10.00	10.00	9.90	9.80	9.62	8.86		7.09	10.03	9.90

Cardoso, Erik (BRA) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.96	3.03	3.99	4.92	5.83	6.73	7.61	8.50	9.42	10.35	10.35	9 / 6			
reaction time	0.171	interval		1.07	0.96	0.93	0.91	0.90	0.88	0.89	0.92	0.93		# of strides	3.99	2.74	2.69
wind	0.2 m/s	velocity	5.10	9.35	10.42	10.75	10.99	11.11	11.36	11.24	10.87	10.75	9.66	47.2	7.52	10.95	11.15

Carlsson, Tobias (SWE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.18			7.13		9.11		11.12	11.12	7 / 6			
reaction time		interval						2.95		1.98		2.01		# of strides	4.18	2.95	
wind	1.7 m/s	velocity			7.18			10.17		10.10		9.95	8.99		7.18	10.17	

Carnes, Brandon (USA) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Prefontaine Classic (Eugene, OR)														*Omega Timing (2024) - diamond league race analysis*			
date	25-May-24	time	1.91	2.98	3.95	4.88	5.78	6.67	7.57	8.47	9.40	10.33	10.33	7 / 9			
reaction time	0.125	interval		1.07	0.97	0.93	0.90	0.89	0.90	0.90	0.93	0.93		# of strides	3.95	2.72	2.73
wind	1.2 m/s	velocity	5.24	9.35	10.31	10.75	11.11	11.24	11.11	11.11	10.75	10.75	9.68	48.0	7.59	11.03	10.99
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	1.92	3.00	3.97	4.90	5.80	6.72	7.62	8.53	9.47	10.40	10.40	4 / 8			
reaction time	0.136	interval		1.08	0.97	0.93	0.90	0.92	0.90	0.91	0.94	0.93		# of strides	3.97	2.75	2.75
wind	-0.6 m/s	velocity	5.21	9.26	10.31	10.75	11.11	10.87	11.11	10.99	10.64	10.75	9.62	49.0	7.56	10.91	10.91
FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	1.87	2.93	3.88	4.78	5.66	6.52	7.38	8.25	9.12	10.01	10.01	1 / 4			
reaction time	0.127	interval		1.06	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.89	PB	# of strides	3.88	2.64	2.60
wind	0.4 m/s	velocity	5.35	9.43	10.53	11.11	11.36	11.63	11.63	11.49	11.49	11.24	9.99	47.0	7.73	11.36	11.54

Carter, Nesta (JAM) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 IAAF World Championships (Daegu, KOR)														*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
date	28-Aug-11	time		2.96	3.98	4.94	5.90	6.83	7.79	8.74	9.77	10.95	10.95	7 / 7			
reaction time	0.154	interval			1.02	0.96	0.96	0.93	0.96	0.95	1.03	1.18		# of strides	3.98	2.85	2.94
wind	-1.4 m/s	velocity		6.76	9.80	10.42	10.42	10.75	10.42	10.53	9.71	8.47	9.13	47.0	7.54	10.53	10.20
Heat 5 - 2011 IAAF World Championships (Daegu, KOR)														*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
date	27-Aug-11	time	1.88	2.92	3.86	4.76	5.64	6.53	7.42	8.33	9.27	10.25	10.26	3 / 1			
reaction time	0.164	interval		1.04	0.94	0.90	0.88	0.89	0.89	0.91	0.94	0.98		# of strides	3.86	2.67	2.74
wind	-1.2 m/s	velocity	5.32	9.62	10.64	11.11	11.36	11.24	11.24	10.99	10.64	10.20	9.75	43.7	7.77	11.24	10.95
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	13-Sep-08	time		2.96	3.90	4.79	5.68	6.56	7.39	8.29		10.07	10.07	3 / 2			
reaction time	0.154	interval			0.94	0.89	0.89	0.88	0.83	0.90		1.78		# of strides	3.90	2.66	
wind	0.4 m/s	velocity		6.76	10.64	11.24	11.24	11.36	12.05	11.11		11.24	9.93	45.7	7.69	11.28	

Carter, Xavier (USA) (1985)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.98	3.05	3.98	4.88	5.74	6.62	7.46	8.31	9.20	10.11	10.11	8 / 8		
reaction time	0.148	interval		1.07	0.93	0.90	0.86	0.88	0.84	0.85	0.89	0.91		# of strides	3.98	2.64	2.58
wind	4.1 m/s	velocity	5.05	9.35	10.75	11.11	11.63	11.36	11.90	11.76	11.24	10.99	9.89	45.0	7.54	11.36	11.63

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	2.02	3.05	4.00	4.89	5.72	6.59	7.47	8.36	9.19	10.09	10.09	6 / 4		
reaction time		interval		1.03	0.95	0.89	0.83	0.87	0.88	0.89	0.83	0.90		# of strides	4.00	2.59	2.60
wind	2.2 m/s	velocity	4.95	9.71	10.53	11.24	12.05	11.49	11.36	11.24	12.05	11.11	9.91	45.5	7.50	11.58	11.54

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.96	3.07	3.94	4.85	5.70	6.57	7.39	8.27	9.06	10.00	10.00	8 / 3		
reaction time		interval		1.11	0.87	0.91	0.85	0.87	0.82	0.88	0.79	0.94	PB	# of strides	3.94	2.63	2.49
wind	1.6 m/s	velocity	5.10	9.01	11.49	10.99	11.76	11.49	12.20	11.36	12.66	10.64	10.00	45.5	7.61	11.41	12.05

Heat 4 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	2.00	3.05	3.99	4.86	5.72	6.60	7.46	8.31	9.19	10.14	10.14	6 / 5		
reaction time		interval		1.05	0.94	0.87	0.86	0.88	0.86	0.85	0.88	0.95		# of strides	3.99	2.61	2.59
wind	0.8 m/s	velocity	5.00	9.52	10.64	11.49	11.63	11.36	11.63	11.76	11.36	10.53	9.86		7.52	11.49	11.58

Cason, André (USA) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1993 IAAF World Championships (Stuttgart, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 15-Aug-93 time			3.83			6.43		8.15		9.92	9.92	6 / 2			
reaction time 0.183 interval						2.60		1.72		1.77	PB	# of strides	3.83	2.60	
wind 0.3 m/s velocity			7.83			11.54		11.63		11.30	10.08	48.5	7.83	11.54	

Cavron, Jean-Philippe (FRA) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 1996 International French Championships (Bercy, FRA)												*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date 10-Feb-96 time	1.92	3.01	3.99	4.94	5.88	6.83					6.83	/ 4			
reaction time interval		1.09	0.98	0.95	0.94	0.95						# of strides	3.99	2.84	
velocity	5.21	9.17	10.20	10.53	10.64	10.53					8.78		7.52	10.56	

Ceccarelli, Samuele (ITA) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25 time	1.89	2.95	3.92	4.85	5.75	6.68					6.68	8 / 6			
reaction time 0.123 interval		1.06	0.97	0.93	0.90	0.93						# of strides	3.92	2.76	
velocity	5.29	9.43	10.31	10.75	11.11	10.75					8.98		7.65	10.87	
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jun-23 time	1.91	2.94	3.88	4.78	5.68	6.57	7.45	8.31	9.21	10.13	10.13	8 / 5			
reaction time 0.160 interval		1.03	0.94	0.90	0.90	0.89	0.88	0.86	0.90	0.92	PB	# of strides	3.88	2.69	2.64
wind 0.0 m/s velocity	5.24	9.71	10.64	11.11	11.11	11.24	11.36	11.63	11.11	10.87	9.87	47.2	7.73	11.15	11.36

Ceng Binbin (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24 time	1.94	2.97	3.94	4.89	5.82	6.75					6.75	8 / 7			
reaction time 0.149 interval		1.03	0.97	0.95	0.93	0.93						# of strides	3.94	2.81	
velocity	5.15	9.71	10.31	10.53	10.75	10.75					8.89	30.5	7.61	10.68	

Cerutti, Fabio (ITA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.95	3.92	4.85		6.68		8.50		10.37	10.37	8 / 7			
reaction time 0.136 interval			0.97	0.93		1.83		1.82		1.87		# of strides	3.92	2.76	
wind 0.1 m/s velocity		6.78	10.31	10.75		10.93		10.99		10.70	9.64		7.65	10.87	
Heat 11 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.94	3.90	4.82		6.65		8.47		10.36	10.36	3 / 3			
reaction time 0.138 interval			0.96	0.92		1.83		1.82		1.89		# of strides	3.90	2.75	
wind -0.2 m/s velocity		6.80	10.42	10.87		10.93		10.99		10.58	9.65		7.69	10.91	

Červík, Jakub (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.28		5.40		7.49		9.52		11.62	11.62	5 / 3			
reaction time 0.192 interval				2.12		2.09		2.03		2.10		# of strides			
wind -3.9 m/s velocity		6.10		9.43		9.57		9.85		9.52	8.61				

Chambers, Dwain (GBR) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 16-Aug-09 time		2.93	3.86	4.75		6.50		8.22		10.00	10.00	1 / 6			
reaction time 0.123 interval			0.93	0.89		1.75		1.72		1.78		# of strides	3.86	2.64	
wind 0.9 m/s velocity		6.83	10.75	11.24		11.43		11.63		11.24	10.00		7.77	11.36	

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

date	16-Aug-09	time	2.96	3.90	4.79	6.55	8.26	10.04	10.04	6 / 4			
reaction time	0.182	interval		0.94	0.89	1.76	1.71	1.78		# of strides	3.90	2.65	
wind	-0.2 m/s	velocity	6.76	10.64	11.24	11.36	11.70	11.24	9.96	44.7	7.69	11.32	

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.94	3.87	4.76	6.52	8.25	10.04	10.04	3 / 1			
reaction time	0.150	interval		0.93	0.89	1.76	1.73	1.79		# of strides	3.87	2.65	
wind	-0.7 m/s	velocity	6.80	10.75	11.24	11.36	11.56	11.17	9.96		7.75	11.32	

Heat 4 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.99	3.93	4.83	6.60	8.35	10.18	10.18	6 / 1			
reaction time	0.148	interval		0.94	0.90	1.77	1.75	1.83		# of strides	3.93	2.67	
wind	-0.1 m/s	velocity	6.69	10.64	11.11	11.30	11.43	10.93	9.82		7.63	11.24	

FINAL - 2002 IAAF Grand Prix Final (Paris, FRA) — *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	14-Sep-02	time	1.89	2.92	3.84	4.72	5.57	6.41	7.26	8.11	8.98	9.87	9.87	/ ~~2~~			
reaction time	0.140	interval		1.03	0.92	0.88	0.85	0.84	0.85	0.85	0.87	0.89	DV	# of strides	3.84	2.57	2.57
wind	2.0 m/s	velocity	5.29	9.71	10.87	11.36	11.76	11.90	11.76	11.76	11.49	11.24	10.13		7.81	11.67	11.67

FINAL - 2002 European Championships (Munich, GER) — *Graubner (2007) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time	2.94	3.87	4.75	6.47	8.20	9.96	9.96	/ ~~1~~			
reaction time	0.129	interval		0.93	0.88	1.72	1.73	1.76	~~CR~~ DV	# of strides	3.87	2.60	
wind	-0.3 m/s	velocity	6.80	10.75	11.36	11.63	11.56	11.36	10.04	45.3	7.75	11.54	

Semi-Final 1 - 2002 European Championships (Munich, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time	2.99	3.94	4.84	6.59	8.33	10.12	10.12	/ ~~1~~			
reaction time	0.148	interval		0.95	0.90	1.75	1.74	1.79	DV	# of strides	3.94	2.65	
wind	0.0 m/s	velocity	6.69	10.53	11.11	11.43	11.49	11.17	9.88		7.61	11.32	

Quarter-Final 4 - 2002 European Championships (Munich, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	2.96	3.90	4.79	6.52	8.27	10.08	10.08	/ ~~1~~			
reaction time	0.143	interval		0.94	0.89	1.73	1.75	1.81	DV	# of strides	3.90	2.62	
wind	0.1 m/s	velocity	6.76	10.64	11.24	11.56	11.43	11.05	9.92		7.69	11.45	

Heat 1 - 2002 European Championships (Munich, GER) — *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	3.02	3.97	4.88	6.62	8.39	10.23	10.23	/ ~~1~~			
reaction time	0.126	interval		0.95	0.91	1.74	1.77	1.84	DV	# of strides	3.97	2.65	
wind	0.2 m/s	velocity	6.62	10.53	10.99	11.49	11.30	10.87	9.78		7.56	11.32	

FINAL - 1999 IAAF World Championships (Sevilla, ESP) — *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.73	2.75	3.67	4.57	5.43	6.28	7.15	8.04	8.93	9.83	9.97	4 / 3			
reaction time	0.140	interval		1.02	0.92	0.90	0.86	0.85	0.87	0.89	0.89	0.90	PB	# of strides	3.67	2.61	2.65
wind	0.2 m/s	velocity	5.78	9.80	10.87	11.11	11.63	11.76	11.49	11.24	11.24	11.11	10.03		8.17	11.49	11.32

Chang Ao (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2024 Chinese National Championships (Quzhou, CHN) — *Shandong Athletics Sport Science (2024)*

date	14-Sep-24	time	1.89	2.94	3.92	4.86	5.78	6.70	7.61	8.55	9.47	10.53	10.53	7 / 2			
reaction time	0.157	interval		1.05	0.98	0.94	0.92	0.92	0.91	0.94	0.92	1.06		# of strides	3.92	2.78	2.77
wind	0.6 m/s	velocity	5.29	9.52	10.20	10.64	10.87	10.87	10.99	10.64	10.87	9.43	9.50	47.0	7.65	10.79	10.83

Chang Ji (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) — *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.92	2.99	3.97	4.94	5.88	6.76	7.68	8.63	9.58	10.51	10.51	4 / 4			
reaction time	0.174	interval		1.07	0.98	0.97	0.94	0.88	0.92	0.95	0.95	0.93		# of strides	3.97	2.79	2.82
wind	0.0 m/s	velocity	5.21	9.35	10.20	10.31	10.64	11.36	10.87	10.53	10.53	10.75	9.51	47.5	7.56	10.75	10.64

Heat 10 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) — *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	1.92	2.96	3.94	4.86	5.80	6.71	7.64	8.58	9.53	10.47	10.47	5 / 1			
reaction time	0.134	interval		1.04	0.98	0.92	0.94	0.91	0.93	0.94	0.95	0.94		# of strides	3.94	2.77	2.82
wind	0.0 m/s	velocity	5.21	9.62	10.20	10.87	10.64	10.99	10.75	10.64	10.53	10.64	9.55	48.5	7.61	10.83	10.64

Semi-Final 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) — *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.97	3.07	4.07	5.03	5.96	6.87	7.80	8.72	9.68	10.62	10.62	7 / 1			
reaction time	0.141	interval		1.10	1.00	0.96	0.93	0.91	0.93	0.92	0.96	0.94		# of strides	4.07	2.80	2.81
wind	1.7 m/s	velocity	5.08	9.09	10.00	10.42	10.75	10.99	10.75	10.87	10.42	10.64	9.42	48.5	7.37	10.71	10.68

Charles, Stephan (LCA) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR) — *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.0		4.9		6.8		8.6		10.53	10.53	3 / 9			
reaction time	0.136	interval				1.90		1.90		1.80		1.93		# of strides			
wind	0.4 m/s	velocity		6.67		10.53		10.53		11.11		10.36	9.50	51.0			

Charleston, Cravont (USA) (1998)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)														*Omega Timing (2023) - diamond league race analysis*			
date	16-Jul-23	time	1.86	2.88	3.81	4.71	5.58	6.45	7.32	8.19	9.08	9.99	9.99	6 / 4			
reaction time	0.151	interval		1.02	0.93	0.90	0.87	0.87	0.87	0.87	0.89	0.91		# of strides	3.81	2.64	2.63
wind	0.0 m/s	velocity	5.38	9.80	10.75	11.11	11.49	11.49	11.49	11.49	11.24	10.99	10.01	46.0	7.87	11.36	11.41
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)														*Omega Timing (2022) - diamond league race analysis*			
date	09-Jun-22	time		2.97		4.82		6.58		8.35		10.17	10.17	3 / 3			
reaction time	0.139	interval				1.85		1.76		1.77		1.82		# of strides			
wind	-0.2 m/s	velocity		6.73		10.81		11.36		11.30		10.99	9.83	48.0			

Chen Guanfeng (CHN) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 9 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-May-24	time	1.94	2.97	3.94	4.86		6.66	7.57	8.48	9.46	10.45	10.45	3 / 1			
reaction time	0.147	interval		1.03	0.97	0.92		1.80	0.91	0.91	0.98	0.99		# of strides	3.94	2.72	2.80
wind	-0.6 m/s	velocity	5.15	9.71	10.31	10.87		11.11	10.99	10.99	10.20	10.10	9.57	45.0	7.61	11.03	10.71
A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-Feb-24	time		2.93	3.95	4.85	5.74	6.65					6.65	3 / 1			
reaction time		interval			1.02	0.90	0.89	0.91						# of strides	3.95	2.70	
		velocity		6.83	9.80	11.11	11.24	10.99					9.02	29.7	7.59	11.11	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	1.92	2.97	3.92	4.83	5.72	6.61	7.51	8.43	9.37	10.34	10.34	4 / 3			
reaction time	0.146	interval		1.05	0.95	0.91	0.89	0.89	0.90	0.92	0.94	0.97		# of strides	3.92	2.69	2.76
wind	0.7 m/s	velocity	5.21	9.52	10.53	10.99	11.24	11.24	11.11	10.87	10.64	10.31	9.67	45.5	7.65	11.15	10.87
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.92	2.96	3.90	4.80	5.67	6.54	7.42	8.33	9.24	10.21	10.21	6 / 3			
reaction time	0.161	interval		1.04	0.94	0.90	0.87	0.87	0.88	0.91	0.91	0.97		# of strides	3.90	2.64	2.70
wind	0.7 m/s	velocity	5.21	9.62	10.64	11.11	11.49	11.49	11.36	10.99	10.99	10.31	9.79	45.2	7.69	11.36	11.11
Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.87	2.91	3.85	4.76	5.64	6.54	7.43	8.34	9.28	10.22	10.22	4 / 1			
reaction time	0.133	interval		1.04	0.94	0.91	0.88	0.90	0.89	0.91	0.94	0.94		# of strides	3.85	2.69	2.74
wind	0.5 m/s	velocity	5.35	9.62	10.64	10.99	11.36	11.11	11.24	10.99	10.64	10.64	9.78	45.0	7.79	11.15	10.95
Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2023)*			
date	16-Mar-23	time	1.94	2.98	3.95	4.87	5.76	6.73					6.73	4 / 1			
reaction time	0.161	interval		1.04	0.97	0.92	0.89	0.97						# of strides	3.95	2.78	
		velocity	5.15	9.62	10.31	10.87	11.24	10.31					8.92	28.5	7.59	10.79	

Chen Jiapeng (CHN) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.92	3.00	3.94	4.85	5.74	6.65	7.54	8.47	9.39	10.35	10.35	9 / 6			
reaction time	0.149	interval		1.08	0.94	0.91	0.89	0.91	0.89	0.93	0.92	0.96		# of strides	3.94	2.71	2.74
wind	0.6 m/s	velocity	5.21	9.26	10.64	10.99	11.24	10.99	11.24	10.75	10.87	10.42	9.66	47.0	7.61	11.07	10.95
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.95	2.98	3.95	4.86	5.76	6.63	7.52	8.42	9.34	10.29	10.29	2 / 3			
reaction time	0.138	interval		1.03	0.97	0.91	0.90	0.87	0.89	0.90	0.92	0.95		# of strides	3.95	2.68	2.71
wind	0.7 m/s	velocity	5.13	9.71	10.31	10.99	11.11	11.49	11.21	11.14	10.87	10.53	9.72	47.0	7.59	11.19	11.07
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	2.00	3.08	4.04	4.96	5.85	6.74	7.63	8.54	9.46	10.39	10.39	5 / 5			
reaction time	0.133	interval		1.08	0.96	0.92	0.89	0.89	0.89	0.91	0.92	0.93		# of strides	4.04	2.70	2.72
wind	0.7 m/s	velocity	5.00	9.26	10.42	10.87	11.24	11.24	11.24	10.99	10.87	10.75	9.62	47.7	7.43	11.11	11.03
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.95	3.01	3.95	4.84	5.71	6.59	7.45	8.36	9.26	10.22	10.22	4 / 4			
reaction time	0.164	interval		1.06	0.94	0.89	0.87	0.88	0.86	0.91	0.90	0.96		# of strides	3.95	2.64	2.67
wind	0.7 m/s	velocity	5.13	9.43	10.64	11.24	11.49	11.36	11.63	10.99	11.11	10.42	9.78	45.7	7.59	11.36	11.24
Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.96	3.03	3.99	4.88	5.77	6.64	7.52	8.40	9.32	10.26	10.26	6 / 2			
reaction time	0.174	interval		1.07	0.96	0.89	0.89	0.87	0.88	0.88	0.92	0.94		# of strides	3.99	2.65	2.68
wind	0.5 m/s	velocity	5.10	9.35	10.42	11.24	11.24	11.49	11.36	11.36	10.87	10.64	9.75	46.2	7.52	11.32	11.19

Chen Peirong (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.07	3.17	4.19	5.14	6.09	7.02	7.97	8.94	9.91	10.92	10.92	10 / 2			

reaction time	0.211	interval		1.10	1.02	0.95	0.95	0.93	0.95	0.97	0.97	1.01	PB	# of strides	4.19	2.83	2.89
wind	0.3 m/s	velocity	4.83	9.09	9.80	10.53	10.53	10.75	10.53	10.31	10.31	9.90	9.16		7.16	10.60	10.38

Chen Wenzhong (CHN) (1970)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 5 - 1996 Olympic Games (Atlanta, GA)														*Chen (2012) - comparison and development trend of men's 100m in china and foreign countries*			
date	26-Jul-96	time	1.86	2.92	3.88	4.80	5.70	6.62	7.55	8.48	9.41	10.38	10.37	3 / 3			
reaction time		interval		1.06	0.96	0.92	0.90	0.92	0.93	0.93	0.93	0.97		# of strides	3.88	2.74	2.79
wind	-0.8 m/s	velocity	5.38	9.43	10.42	10.87	11.11	10.87	10.75	10.75	10.75	10.31	9.64		7.73	10.95	10.75

Chen Xinyu (CHN) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.09	3.22	4.24	5.22	6.20	7.12	8.07	9.03	10.01	11.00	11.00	2 / 8			
reaction time	0.207	interval		1.13	1.02	0.98	0.98	0.92	0.95	0.96	0.98	0.99		# of strides	4.24	2.88	2.89
wind	-0.1 m/s	velocity	4.78	8.85	9.80	10.20	10.20	10.87	10.53	10.42	10.20	10.10	9.09	49.0	7.08	10.42	10.38

Chen Zhiwang (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)														*Shandong Athletics Sport Science (2023)*			
date	02-Jun-23	time	1.95	3.00	3.97	4.94	5.84	6.77	7.71	8.67	9.66	10.63	10.63	5 / 6			
reaction time		interval		1.05	0.97	0.97	0.90	0.93	0.94	0.96	0.99	0.97		# of strides	3.97	2.80	2.89
wind	-0.3 m/s	velocity	5.13	9.52	10.31	10.31	11.11	10.75	10.64	10.42	10.10	10.31	9.41	50.0	7.56	10.71	10.38

Cheng Jiajun (CHN) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)														*Shandong Athletics Sport Science (2023)*			
date	26-Apr-23	time	2.02	3.08	4.07	5.01	5.93	6.84	7.75	8.69	9.63	10.61	10.61	2 / 6			
reaction time	0.160	interval		1.06	0.99	0.94	0.92	0.91	0.91	0.94	0.94	0.98	=PB	# of strides	4.07	2.77	2.79
wind	0.8 m/s	velocity	4.95	9.43	10.10	10.64	10.87	10.99	10.99	10.64	10.64	10.20	9.43	48.5	7.37	10.83	10.75

Cheng Zhu Yu (CHN) (2006)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.07	3.19	4.20	5.16	6.11	7.05	8.00	8.96	9.94	10.95	10.95	3 / 2			
reaction time	0.198	interval		1.12	1.01	0.96	0.95	0.94	0.95	0.96	0.98	1.01	PB	# of strides	4.20	2.85	2.89
wind	0.5 m/s	velocity	4.83	8.93	9.90	10.42	10.53	10.64	10.53	10.42	10.20	9.90	9.13		7.14	10.53	10.38

Christie, Linford (GBR) (1960)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1997 European Cup (Munich, GER)														*Jung (2003) - http://www.fgs.uni-halle.de*			
date	21-Jun-97	time	1.92		3.89			6.52				10.04	10.04	/ 1			
reaction time		interval			1.97			2.63				3.52		# of strides	3.89	2.63	
wind	0.2 m/s	velocity	5.21		10.15			11.41				11.36	9.96		7.71	11.41	
FINAL - 1993 IAAF World Championships (Stuttgart, GER)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	15-Aug-93	time			3.85			6.45		8.15		9.87	9.87	4 / 1			
reaction time	0.140	interval						2.60		1.70		1.72	AR	# of strides	3.85	2.60	
wind	0.3 m/s	velocity			7.79			11.54		11.76		11.63	10.13	44.5	7.79	11.54	
FINAL - 1992 Olympic Games (Barcelona, ESP)														*Arnold (1992) - 1992 Olympic report: 100m men*			
date	1-Aug-92	time		2.93		4.74		6.48		8.22		9.98	9.96	5 / 1			
reaction time	0.139	interval				1.81		1.74		1.74		1.76		# of strides			
wind	0.5 m/s	velocity		6.83		11.05		11.49		11.49		11.36	10.04	44.5			
FINAL - 1991 IAAF World Championships (Tokyo, JPN)														*Ae (1992) - the men's 100m (1991 WC)*			
date	25-Aug-91	time	1.85	2.91	3.83	4.72	5.57	6.43	7.29	8.14	9.04	9.92	9.92	4 / 4			
reaction time	0.126	interval		1.06	0.92	0.89	0.85	0.86	0.86	0.85	0.90	0.88	AR	# of strides	3.83	2.60	2.61
wind	1.2 m/s	velocity	5.41	9.43	10.87	11.24	11.76	11.63	11.63	11.76	11.11	11.36	10.08	45.5	7.83	11.54	11.49
FINAL - 1991 European Cup (Frankfurt, GER)														*Federle (2003) - http://www.fgs.uni-halle.de*			
date	29-Jun-91	time			3.91			6.58		8.38		10.18	10.18	/ 1			
reaction time		interval						2.67		1.80		1.80		# of strides	3.91	2.67	
wind	0.5 m/s	velocity			7.67			11.24		11.11		11.11	9.82		7.67	11.24	
FINAL - 1989 IAAF World Cup (Barcelona, ESP)														*Pascua (1990) - atletismo (I) carreras y marcha*			
date	08-Sep-89	time		2.96		4.80	5.71	6.59	7.46	8.32		10.10	10.10	/ 1			
reaction time	0.147	interval				1.84	0.91	0.88	0.87	0.86		1.78		# of strides			
wind	0.5 m/s	velocity		6.76		10.87	10.99	11.36	11.49	11.63		11.24	9.90	45.0			
FINAL - 1988 Olympic Games (Seoul, KOR)														*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	24-Sep-88	time	1.92	2.97	3.92	4.81	5.66	6.50	7.36	8.22	9.09	9.97	9.97	4 / ~~3~~ 2			
reaction time	0.138	interval		1.05	0.95	0.89	0.85	0.84	0.86	0.86	0.87	0.88	PB	# of strides	3.92	2.58	2.59
wind	1.1 m/s	velocity	5.21	9.52	10.53	11.24	11.76	11.90	11.63	11.63	11.49	11.36	10.03	43.8	7.65	11.63	11.58
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)														*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	24-Sep-88	time	1.92	2.96	3.90	4.80	5.69	6.56	7.44	8.32	9.20	10.11	10.11	3 / ~~2~~ 1			
reaction time		interval		1.04	0.94	0.90	0.89	0.87	0.88	0.88	0.88	0.91		# of strides	3.90	2.66	2.64

wind	-1.2 m/s	velocity	5.21	9.62	10.64	11.11	11.24	11.49	11.36	11.36	11.36	10.99	9.89		7.69	11.28	11.36

FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.97	3.01	3.97	4.87	5.76	6.62	7.49	8.37	9.26	10.14	10.14	8 / ~~4~~ 3			
reaction time	0.155	interval		1.04	0.96	0.90	0.89	0.86	0.87	0.88	0.89	0.88		# of strides	3.97	2.65	2.64
wind	1.0 m/s	velocity	5.08	9.62	10.42	11.11	11.24	11.63	11.49	11.36	11.24	11.36	9.86	44.6	7.56	11.32	11.36

Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time			3.96			6.66				10.25	10.25	7 / ~~2~~ 1			
reaction time		interval						2.70				3.59		# of strides	3.96	2.70	
wind	-0.3 m/s	velocity			7.58			11.11				11.14	9.76	44.5	7.58	11.11	

Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time			4.01			6.76				10.40	10.40	5 / 2			
reaction time		interval						2.75				3.64		# of strides	4.01	2.75	
wind	-2.9 m/s	velocity			7.48			10.91				10.99	9.62	45.2	7.48	10.91	

Heat 4 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time			4.02			6.67				10.29	10.29	/ 3			
reaction time		interval						2.65				3.62		# of strides	4.02	2.65	
wind	1.6 m/s	velocity			7.46			11.32				11.05	9.72		7.46	11.32	

Cissé, Arthur (CIV) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.89	2.96	3.89	4.78	5.66	6.55	7.46	8.38	9.31	10.31	10.31	6 / 6			
reaction time 0.151	interval		1.07	0.93	0.89	0.88	0.89	0.91	0.92	0.93	1.00		# of strides	3.89	2.66	2.76
wind 0.2 m/s	velocity	5.29	9.35	10.75	11.24	11.36	11.24	10.99	10.87	10.75	10.00	9.70	48.2	7.71	11.28	10.87

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

date	21-Jul-23	time	1.91	2.96	3.89	4.78	5.67	6.54	7.43	8.33	9.25	10.21	10.21	8 / 8			
reaction time	0.156	interval		1.05	0.93	0.89	0.89	0.87	0.89	0.90	0.92	0.96		# of strides	3.89	2.65	2.71
wind	0.6 m/s	velocity	5.24	9.52	10.75	11.24	11.24	11.49	11.24	11.11	10.87	10.42	9.79	49.0	7.71	11.32	11.07

FINAL - 2021 Memorial van Damme (Brussels, BEL) *Omega Timing (2021) - diamond league race analysis*

date	03-Sep-21	time		3.0		4.9		6.7		8.5		10.34	10.34	1 / 8			
reaction time	0.162	interval				1.90		1.80		1.80		1.84		# of strides			
wind	0.1 m/s	velocity		6.67		10.53		11.11		11.11		10.87	9.67	49.0			

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) *Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.35	10.35	6 / 6			
reaction time	0.136	interval				1.90		1.70		1.80		1.95		# of strides			
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		10.26	9.66	49.2			

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time		3.0		4.8		6.5		8.2		10.04	10.04	2 / 2			
reaction time	0.136	interval				1.81		1.69		1.70		1.84		# of strides			
wind	0.3 m/s	velocity		6.67		11.05		11.83		11.76		10.87	5.98	48.0			

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.6		8.4		10.29	10.29	4 / 4			
reaction time	0.165	interval				1.9		1.7		1.8		1.89		# of strides			
wind	-0.3 m/s	velocity		6.67		10.53		11.76		11.11		10.58	9.72				

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

date	12-Jul-19	time					6.0					10.25	10.25	1 / 7			
reaction time	0.184	interval										4.25		# of strides			
wind	0.3 m/s	velocity					8.33					11.76	9.76	48.5			

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

date	05-Jul-19	time					5.7					10.08	10.08	4 / 4			
reaction time	0.154	interval										4.38		# of strides			
wind	0.2 m/s	velocity					8.77					11.42	9.92	48.7			

Cleve, Moritz (GER) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*							
date 19-Aug-09	time		3.21		5.23		7.17		9.08		11.06	11.06	2 / 2			
reaction time 0.172	interval				2.02		1.94		1.91		1.98	PB	# of strides			
wind -0.3 m/s	velocity		6.23		9.90		10.31		10.47		10.10	9.04				

Coertzen, Willem (RSA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)								*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*							
date 19-Aug-09	time		3.14		5.09		7.01		8.91		10.89	10.89	2 / 1			

reaction time	0.181	interval		1.95		1.92		1.90		1.98	PB	# of strides	
wind	-0.4 m/s	velocity	6.37	10.26		10.42		10.53		10.10	9.18		

Coleman, Christian (USA) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25 time	1.92	2.97	3.89	4.80	5.69	6.55	7.43	8.32	9.22	10.13	10.13	6 / 5			
reaction time 0.152 interval		1.05	0.92	0.91	0.89	0.86	0.88	0.89	0.90	0.91		# of strides	3.89	2.66	2.67
wind 0.5 m/s velocity	5.21	9.52	10.87	10.99	11.24	11.63	11.36	11.24	11.11	10.99	9.87	48.0	7.71	11.28	11.24
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	1.89	2.94	3.90	4.79	5.68	6.55	7.43	8.32	9.24	10.18	10.18	4 / 4			
reaction time 0.149 interval		1.05	0.96	0.89	0.89	0.87	0.88	0.89	0.92	0.94		# of strides	3.90	2.65	2.69
wind 0.2 m/s velocity	5.29	9.52	10.42	11.24	11.24	11.49	11.36	11.24	10.87	10.64	9.82	48.0	7.69	11.32	11.15
FINAL - 2024 Memorial van damme (Brussels, BEL)												*Omega Timing (2024) - diamond league race analysis*			
date 13-Sep-24 time	1.89	2.92	3.84	4.72	5.59	6.45	7.32	8.20	9.09	10.00	10.00	6 / 2			
reaction time 0.154 interval		1.03	0.92	0.88	0.87	0.86	0.87	0.88	0.89	0.91		# of strides	3.84	2.61	2.64
wind 0.1 m/s velocity	5.29	9.71	10.87	11.36	11.49	11.63	11.49	11.36	11.24	10.99	10.00	47.2	7.81	11.49	11.36
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)												*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24 time	1.88	2.89	3.82	4.69	5.56	6.41	7.28	8.15	9.03	9.92	9.92	3 / 2			
reaction time 0.141 interval		1.01	0.93	0.87	0.87	0.85	0.87	0.87	0.88	0.89		# of strides	3.82	2.59	2.62
wind 0.3 m/s velocity	5.32	9.90	10.75	11.49	11.49	11.76	11.49	11.49	11.36	11.24	10.08	47.0	7.85	11.58	11.45
FINAL - 2024 Prefontaine Classic (Eugene, OR)												*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	1.87	2.90	3.82	4.70	5.57	6.42	7.28	8.16	9.06	9.95	9.95	5 / 1			
reaction time 0.132 interval		1.03	0.92	0.88	0.87	0.85	0.86	0.88	0.90	0.89		# of strides	3.82	2.60	2.64
wind 1.2 m/s velocity	5.35	9.71	10.87	11.36	11.49	11.76	11.63	11.36	11.11	11.24	10.05	47.0	7.85	11.54	11.36
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	1.91	2.95	3.88	4.79	5.67	6.54	7.42	8.31	9.22	10.13	10.13	6 / 1			
reaction time 0.135 interval		1.04	0.93	0.91	0.88	0.87	0.88	0.89	0.91	0.91		# of strides	3.88	2.66	2.68
wind -0.6 m/s velocity	5.24	9.62	10.75	10.99	11.36	11.49	11.36	11.24	10.99	10.99	9.87	48.0	7.73	11.28	11.19
FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 16-Sep-23 time	1.87	2.89	3.80	4.67	5.52	6.36	7.21	8.07	8.93	9.83	9.83	4 / 1			
reaction time 0.147 interval		1.02	0.91	0.87	0.85	0.84	0.85	0.86	0.86	0.90		# of strides	3.80	2.56	2.57
wind 0.1 m/s velocity	5.35	9.80	10.99	11.49	11.76	11.90	11.76	11.63	11.63	11.11	10.17	46.0	7.89	11.72	11.67
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												*Omega Timing (2022) - diamond league race analysis*			
date 06-Aug-22 time		2.90		4.74		6.50		8.28		10.13	10.13	5 / 4			
reaction time 0.132 interval				1.84		1.76		1.78		1.85		# of strides			
wind -0.7 m/s velocity		6.90		10.87		11.36		11.24		10.81	9.87	47.7			
FINAL - 2022 Prefontaine Classic (Eugene, OR)												*Omega Timing (2022) - diamond league race analysis*			
date 28-May-22 time		2.88		4.70		6.45		8.23		10.04	10.04	5 / 3			
reaction time 0.136 interval				1.82		1.75		1.78		1.81		# of strides			
wind -0.2 m/s velocity		6.94		10.99		11.43		11.24		11.05	9.96	48.0			
FINAL - 2019 IAAF World Championships (Doha, QAT)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 28-Sep-19 time	1.83	2.85	3.77	4.64	5.48	6.32	7.16	8.01	8.88	9.76	9.76	4 / 1			
reaction time 0.128 interval		1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.87	0.88	PB	# of strides	3.77	2.55	2.56
wind 0.6 m/s velocity	5.46	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.49	11.36	10.25	47.0	7.96	11.76	11.72
FINAL - 2017 IAAF World Championships (London, GBR)												*Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*			
date 05-Aug-17 time	1.87	2.87	3.77	4.65	5.52	6.38	7.26	8.14	9.02	9.94	9.94	5 / 2			
reaction time 0.123 interval		1.00	0.90	0.88	0.87	0.86	0.88	0.88	0.88	0.92		# of strides	3.77	2.61	2.64
wind -0.8 m/s velocity	5.35	10.00	11.11	11.36	11.49	11.63	11.36	11.36	11.36	10.87	10.06	47.0	7.96	11.49	11.36

Collins, Kim (SKN) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 IAAF World Championships (Daegu, KOR)												*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
date 28-Aug-11 time		2.86	3.82	4.71	5.60	6.48	7.36	8.24	9.16	10.09	10.09	3 / 3			
reaction time 0.155 interval			0.96	0.89	0.89	0.88	0.88	0.88	0.92	0.93		# of strides	3.82	2.66	2.68
wind -1.4 m/s velocity		6.99	10.42	11.24	11.24	11.36	11.36	11.36	10.87	10.75	9.91	49.0	7.85	11.28	11.19
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.94	3.89	4.80		6.61		8.37		10.20	10.20	5 / 4			
reaction time 0.157 interval			0.95	0.91		1.81		1.76		1.83		# of strides	3.89	2.72	
wind -0.4 m/s velocity		6.80	10.53	10.99		11.05		11.36		10.93	9.80		7.71	11.03	
Heat 11 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.98	3.94	4.85		6.66		8.44		10.28	10.28	6 / 2			

reaction time	0.159	interval		0.96	0.91		1.81	1.78	1.84		# of strides	3.94	2.72	
wind	-0.2 m/s	velocity	6.71	10.42	10.99		11.05	11.24	10.87	9.73		7.61	11.03	

FINAL - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		3.96		5.79	6.70			6.70	7 / 8			
reaction time	0.149	interval				1.83	0.91				# of strides	3.96	2.74	
		velocity		7.58		10.93	10.99			8.96	31.0	7.58	10.95	

Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		3.93		5.75	6.66			6.66	3 / 3			
reaction time	0.144	interval				1.82	0.91				# of strides	3.93	2.73	
		velocity		7.63		10.99	10.99			9.01	31.0	7.63	10.99	

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

date	13-Sep-08	time	2.95	3.90	4.81	5.71	6.65	7.49	8.40	10.22	10.22	7 / 4		
reaction time	0.152	interval		0.95	0.91	0.90	0.94	0.84	0.91	1.82		# of strides	3.90	2.75
wind	0.4 m/s	velocity	6.78	10.53	10.99	11.11	10.64	11.90	10.99	10.99	9.78		7.69	10.91

FINAL - 2004 Olympic Games (Athens, GRE) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	22-Aug-04	time	1.85	2.89		5.58	6.44	7.32	9.09	10.00	10.00	1 / 6	
reaction time	0.175	interval		1.04		2.69	0.86	0.88	1.77	0.91		# of strides	2.65
wind	0.6 m\s	velocity	5.41	9.62		11.15	11.63	11.36	11.30	10.99	10.00	47.5	11.32

FINAL - 2002 IAAF Grand Prix Final (Paris, FRA) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	14-Sep-02	time	1.94	2.96		5.64	6.48	7.34	8.21	9.09	9.98	9.98	/ ~~4~~ 2
reaction time	0.158	interval		1.02		2.68	0.84	0.86	0.87	0.88	0.89	**=NR**	# of strides	2.61
wind	2.0 m/s	velocity	5.15	9.80		11.19	11.90	11.63	11.49	11.36	11.24	10.02		11.49

Collio, Simone (ITA) (1979)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		3.99		6.70		8.49	10.34	10.34	/ 1			
reaction time		interval				2.71		1.79	1.85		# of strides	3.99	2.71	
wind	0.1 m/s	velocity		7.52		11.07		11.17	10.81	9.67		7.52	11.07	

FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		3.93		6.60		8.34	10.16	10.16	4 / 2		
reaction time		interval				2.67		1.74	1.82		# of strides	3.93	2.67	
wind	2.8 m/s	velocity		7.63		11.24		11.49	10.99	9.84		7.63	11.24	

Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.01	3.99	4.93	6.77		8.60	10.49	10.49	7 / 4		
reaction time	0.162	interval		0.98	0.94	1.84		1.83	1.89		# of strides	3.99	2.78	
wind	-0.4 m/s	velocity	6.64	10.20	10.64	10.87		10.93	10.58	9.53		7.52	10.79	

FINAL - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		3.95		5.76	6.64			6.64	6 / 4		
reaction time	0.137	interval				1.81	0.88				# of strides	3.95	2.69	
		velocity		7.59		11.05	11.36			9.04	30.0	7.59	11.15	

Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		3.94		5.75	6.66			6.66	5 / 2		
reaction time	0.142	interval				1.81	0.91				# of strides	3.94	2.72	
		velocity		7.61		11.05	10.99			9.01	29.2	7.61	11.03	

Colvert, Steven (IRL) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		4.11		6.87		8.68	10.53	10.53	/ 4		
reaction time		interval				2.76		1.81	1.85		# of strides	4.11	2.76	
wind	0.1 m/s	velocity		7.30		10.87		11.05	10.81	9.50		7.30	10.87	

Conwright, Kaaron (USA) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.95	3.00	3.96	4.84	5.74	6.64	7.54	8.48	9.39	10.33	10.33	2 / ~~6~~ 5	
reaction time		interval		1.05	0.96	0.88	0.90	0.90	0.90	0.94	0.91	0.94		# of strides	3.96	2.68	2.75
wind	-1.2 m/s	velocity	5.13	9.52	10.42	11.36	11.11	11.11	11.11	10.64	10.99	10.64	9.68	47.5	7.58	11.19	10.91

Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.93	2.97	3.92	4.82	5.72	6.62	7.50	8.42	9.56	10.26	10.26	2 / 4	
reaction time		interval		1.04	0.95	0.90	0.90	0.90	0.88	0.92	1.14	0.70		# of strides	3.92	2.70	2.94
wind	-1.2 m/s	velocity	5.18	9.62	10.53	11.11	11.11	11.11	11.36	10.87	8.77	14.29	9.75	47.5	7.65	11.11	10.20

Crawford, Hasely (TTO) (1950)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1976 Olympic Games (Montreal, CAN) — *Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*

date	24-Jul-76	time			3.73			6.44		8.24		10.06	10.06	1 / 1		
reaction time		interval						2.71		1.80		1.82	PB	# of strides	3.73	2.71
wind	0.0 m/s	velocity			8.04			11.07		11.11		10.99	9.94	45.2	8.04	11.07

Crawford, Shawn (USA) (1978)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.88	2.97	3.90	4.82	5.67	6.57	7.42	8.29	9.16	10.09	10.09	2 / 7			
reaction time		interval		1.09	0.93	0.92	0.85	0.90	0.85	0.87	0.87	0.93		# of strides	3.90	2.67	2.59
wind	1.6 m/s	velocity	5.32	9.17	10.75	10.87	11.76	11.11	11.76	11.49	11.49	10.75	9.91	45.7	7.69	11.24	11.58
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	2.03	2.95	3.98	4.88	5.77	6.63	7.49	8.36	9.27	10.17	10.17	7 / 6			
reaction time		interval		0.92	1.03	0.90	0.89	0.86	0.86	0.87	0.91	0.90		# of strides	3.98	2.65	2.64
wind	1.7 m/s	velocity	4.93	10.87	9.71	11.11	11.24	11.63	11.63	11.49	10.99	11.11	9.83		7.54	11.32	11.36
FINAL - 2006 USATF National Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
date	23-Jun-06	time	1.99	3.04	3.97	4.84	5.76	6.64	7.50	8.39	9.33	10.26	10.26	5 / ~~3~~ 2			
reaction time		interval		1.05	0.93	0.87	0.92	0.88	0.86	0.89	0.94	0.93		# of strides	3.97	2.67	2.69
wind	-1.2 m/s	velocity	5.03	9.52	10.75	11.49	10.87	11.36	11.63	11.24	10.64	10.75	9.75	46.7	7.56	11.24	11.15
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
date	23-Jun-06	time	1.98	3.04	3.99	4.91	5.79	6.66	7.56	8.44	9.36	10.30	10.30	6 / ~~2~~ 1			
reaction time		interval		1.06	0.95	0.92	0.88	0.87	0.90	0.88	0.92	0.94		# of strides	3.99	2.67	2.70
wind	-1.2 m/s	velocity	5.05	9.43	10.53	10.87	11.36	11.49	11.11	11.36	10.87	10.64	9.71	46.0	7.52	11.24	11.11
FINAL - 2005 USATF National Championships (Carson, CA)														*USATF Women's Sprint Development (2005)*			
date	25-Jun-05	time	1.97	3.02	3.99	4.88	5.77	6.66	7.51	8.41	9.29	10.17	10.17	5 / 2			
reaction time		interval		1.05	0.97	0.89	0.89	0.89	0.85	0.90	0.88	0.88		# of strides	3.99	2.67	2.63
wind	-2.3 m/s	velocity	5.08	9.52	10.31	11.24	11.24	11.24	11.76	11.11	11.36	11.36	9.83	47.5	7.52	11.24	11.41
FINAL - 2004 Olympic Games (Athens, GRE)														*Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*			
date	22-Aug-04	time	1.89	2.93			5.61	6.45	7.29		9.01	9.89	9.89	4 / 4			
reaction time	0.161	interval		1.04			2.68	0.84	0.84		1.72	0.88		# of strides			2.56
wind	0.6 m\s	velocity	5.29	9.62			11.19	11.90	11.90		11.63	11.36	10.11	47.0			11.72
FINAL - 2004 USA Olympic Trials (Sacramento, CA)														*USATF Women's Sprint Development (2004)*			
date	11-Jul-04	time	1.95	3.00	3.91	4.78	5.63	6.49	7.34	8.19	9.05	9.93	9.93	6 / 3			
reaction time	0.179	interval		1.05	0.91	0.87	0.85	0.86	0.85	0.85	0.86	0.88		# of strides	3.91	2.58	2.56
wind	0.0 m/s	velocity	5.13	9.52	10.99	11.49	11.76	11.63	11.76	11.76	11.63	11.36	10.07	47.0	7.67	11.63	11.72

Crespi, Guillem (ESP) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.89	2.95	3.89	4.81	5.70	6.59					6.59	5 / 6			
reaction time	0.138	interval		1.06	0.94	0.92	0.89	0.89						# of strides	3.89	2.70	
		velocity	5.29	9.43	10.64	10.87	11.24	11.24					9.10	30.0	7.71	11.11	
Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.90	2.95	3.90	4.81	5.70	6.58					6.58	1 / 1			
reaction time	0.163	interval		1.05	0.95	0.91	0.89	0.88					PB	# of strides	3.90	2.68	
		velocity	5.26	9.52	10.53	10.99	11.24	11.36					9.12		7.69	11.19	

Crittenden, Freddie (USA) (1994)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	2.05	3.13	4.11	5.05	5.97	6.90	7.82	8.78	9.77	10.68	10.68	6 / 7			
reaction time	0.170	interval		1.08	0.98	0.94	0.92	0.93	0.92	0.96	0.99	0.91	PB	# of strides	4.11	2.79	2.87
wind	0.7 m/s	velocity	4.88	9.26	10.20	10.64	10.87	10.75	10.87	10.42	10.10	10.99	9.36	45.7	7.30	10.75	10.45

Csontos, Joël (SUI) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)														*Omega Timing (2023) - diamond league race analysis*			
date	30-Jun-23	time	1.95	3.05	4.05	5.01	5.94	6.88	7.82	8.77	9.74	10.74	10.74	8 / 4			
reaction time	0.161	interval		1.10	1.00	0.96	0.93	0.94	0.94	0.95	0.97	1.00		# of strides	4.05	2.83	2.86
wind	-0.8 m/s	velocity	5.13	9.09	10.00	10.42	10.75	10.64	10.64	10.53	10.31	10.00	9.31		7.41	10.60	10.49

Cui Kunlun (CHN) (2001)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	1.99	3.13	4.15	5.15	6.11	7.07	8.04	9.03	10.03	11.06	11.06	9 / 5			
reaction time	0.167	interval		1.14	1.02	1.00	0.96	0.96	0.97	0.99	1.00	1.03	PB	# of strides	4.15	2.92	2.96
wind	0.5 m/s	velocity	5.03	8.77	9.80	10.00	10.42	10.42	10.31	10.10	10.00	9.71	9.04		7.23	10.27	10.14

Cui Sen (CHN) (2004)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 9 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)														*Shandong Athletics Sport Science (2024)*			

date	01-Jun-24	time	2.09	3.16	4.17	5.13	6.09	7.04	8.00	8.96	9.94	10.95	10.95	4 / 5			
reaction time	0.175	interval		1.07	1.01	0.96	0.96	0.95	0.96	0.96	0.98	1.01		# of strides	4.17	2.87	2.90
wind	0.7 m/s	velocity	4.78	9.35	9.90	10.42	10.42	10.53	10.42	10.42	10.20	9.90	9.13	49.5	7.19	10.45	10.34

Heat 12 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.11	3.21	4.20	5.16		7.02	7.98	8.93	9.90	10.92	10.92	6 / 7			
reaction time	0.208	interval		1.10	0.99	0.96		1.86	0.96	0.95	0.97	1.02		# of strides	4.20	2.82	2.88
wind	-0.7 m/s	velocity	4.74	9.09	10.10	10.42		10.75	10.42	10.53	10.31	9.80	9.16	49.7	7.14	10.64	10.42

Heat 3 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.05	3.16	4.15	5.10	6.03	6.96	7.92	8.88	9.88	10.88	10.88	3 / 7			
reaction time	0.168	interval		1.11	0.99	0.95	0.93	0.93	0.96	0.96	1.00	1.00		# of strides	4.15	2.81	2.92
wind	-0.3 m/s	velocity	4.88	9.01	10.10	10.53	10.75	10.75	10.42	10.42	10.00	10.00	9.19	50.5	7.23	10.68	10.27

Heat 9 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.01	3.07	4.05	4.99	5.91	6.85					6.85	2 / 3			
reaction time	0.161	interval		1.06	0.98	0.94	0.92	0.94					=PB	# of strides	4.05	2.80	
		velocity	4.98	9.43	10.20	10.64	10.87	10.64					8.76	31.7	7.41	10.71	

Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.08	4.07	5.03	5.95	6.88	7.81	8.73	9.69	10.68	10.68	2 / 4			
reaction time	0.186	interval		1.08	0.99	0.96	0.92	0.93	0.93	0.92	0.96	0.99		# of strides	4.07	2.81	2.81
wind	-0.6 m/s	velocity	5.00	9.26	10.10	10.42	10.87	10.75	10.75	10.87	10.42	10.10	9.36	49.5	7.37	10.68	10.68

Heat 1 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.02	3.09	4.10	5.05	5.99	6.90	7.81	8.75	9.68	10.64	10.64	2 / 2			
reaction time		interval		1.07	1.01	0.95	0.94	0.91	0.91	0.94	0.93	0.96		# of strides	4.10	2.80	2.78
wind	-0.4 m/s	velocity	4.95	9.35	9.90	10.53	10.64	10.99	10.99	10.64	10.75	10.42	9.40	49.2	7.32	10.71	10.79

Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	2.02	3.07	4.07	5.03	5.97	6.89	7.82	8.75	9.69	10.63	10.63	4 / 3			
reaction time	0.186	interval		1.05	1.00	0.96	0.94	0.92	0.93	0.93	0.94	0.94	PB	# of strides	4.07	2.82	2.80
wind	-1.2 m/s	velocity	4.95	9.52	10.00	10.42	10.64	10.87	10.75	10.75	10.64	10.64	9.41	49.5	7.37	10.64	10.71

Heat 5 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	1.98	3.06	4.05	5.01	5.94	6.87	7.80	8.73	9.68	10.66	10.66	7 / 2			
reaction time	0.158	interval		1.08	0.99	0.96	0.93	0.93	0.93	0.93	0.95	0.98	PB	# of strides	4.05	2.82	2.81
wind	-0.3 m/s	velocity	5.05	9.26	10.10	10.42	10.75	10.75	10.75	10.75	10.53	10.20	9.38	49.0	7.41	10.64	10.68

Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.01	3.09	4.07	5.03	5.94	6.86	7.79	8.74	9.69	10.71	10.71	7 / 4			
reaction time	0.192	interval		1.08	0.98	0.96	0.91	0.92	0.93	0.95	0.95	1.02		# of strides	4.07	2.79	2.83
wind	-1.6 m/s	velocity	4.98	9.26	10.20	10.42	10.99	10.87	10.75	10.53	10.53	9.80	9.34	49.0	7.37	10.75	10.60

Heat 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.00	3.09	4.11	5.09	6.02	6.99	7.94	8.89	9.89	10.92	10.92	5 / 2			
reaction time	0.169	interval		1.09	1.02	0.98	0.93	0.97	0.95	0.95	1.00	1.03		# of strides	4.11	2.88	2.90
wind	-1.6 m/s	velocity	5.00	9.17	9.80	10.20	10.75	10.31	10.53	10.53	10.00	9.71	9.16	50.2	7.30	10.42	10.34

Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.00	3.10	4.12	5.06	6.01	6.94					6.94	2 / =6			
reaction time	0.194	interval		1.10	1.02	0.94	0.95	0.93						# of strides	4.12	2.82	
		velocity	5.00	9.09	9.80	10.64	10.53	10.75					8.65	31.0	7.28	10.64	

Heat 6 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.04	3.15	4.14	5.07	6.00	6.94					6.94	6 / 4			
reaction time	0.201	interval		1.11	0.99	0.93	0.93	0.94						# of strides	4.14	2.80	
		velocity	4.90	9.01	10.10	10.75	10.75	10.64					8.65	31.7	7.25	10.71	

Heat 14 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.00	3.10	4.10	5.03	5.94	6.89					6.89	6 / 1			
reaction time	0.160	interval		1.10	1.00	0.93	0.91	0.95						# of strides	4.10	2.79	
		velocity	5.00	9.09	10.00	10.75	10.99	10.53					8.71	31.7	7.32	10.75	

U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	1.99	3.06	4.04	4.98	5.90	6.84	7.78	8.76	9.73	10.72	10.72	4 / 3			
reaction time	0.173	interval		1.07	0.98	0.94	0.92	0.94	0.94	0.98	0.97	0.99		# of strides	4.04	2.80	2.89
wind	-0.1 m/s	velocity	5.03	9.35	10.20	10.64	10.87	10.64	10.64	10.20	10.31	10.10	9.33	49.5	7.43	10.71	10.38

Cunningham, Trey (USA) (1998)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)													*Grand Slam Track (2025) - results and splits by race*			
date	04-May-25	time	1.98	2.99	3.93	4.83	5.75	6.67	7.61	8.29	9.36	10.17	10.17	3 / 1			

reaction time	0.170	interval		1.01	0.94	0.90	0.92	0.92	0.94	0.68	1.07	0.81	PB	# of strides	3.93	2.74	2.69
wind	0.7 m/s	velocity	5.05	9.90	10.64	11.11	10.87	10.87	10.64	14.71	9.35	12.35	9.83	44.0	7.63	10.95	11.15

Čurin Prapotnik, Anej (SLO) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.91	2.98	3.93	4.86	5.75	6.65					6.65	3 / 6			
reaction time	0.145	interval		1.07	0.95	0.93	0.89	0.90						# of strides	3.93	2.72	
		velocity	5.24	9.35	10.53	10.75	11.24	11.11					9.02		7.63	11.03	

da Silva, Robson Caetano (BRA) (1964)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1991 IAAF World Championships (Tokyo, JPN) — *Ae (1992) - the men's 100m (1991 WC)*

date	15-Aug-91	time	1.91	2.97	3.90	4.79	5.67	6.56	7.45	8.32	9.22	10.12	10.12	8 / 7			
reaction time	0.172	interval		1.06	0.93	0.89	0.88	0.89	0.89	0.87	0.90	0.90		# of strides	3.90	2.66	2.66
wind	1.2 m/s	velocity	5.24	9.43	10.75	11.24	11.36	11.24	11.24	11.49	11.11	11.11	9.88	44.5	7.69	11.28	11.28

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

date	24-Sep-88	time	1.92	2.97	3.93	4.83	5.70	6.57	7.45	8.33	9.22	10.11	10.11	1 / ~~6~~ 5			
reaction time	0.155	interval		1.05	0.96	0.90	0.87	0.87	0.88	0.88	0.89	0.89		# of strides	3.93	2.64	2.65
wind	1.1 m/s	velocity	5.21	9.52	10.42	11.11	11.49	11.49	11.36	11.36	11.24	11.24	9.89	44.6	7.63	11.36	11.32

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

date	24-Sep-88	time	1.97	3.01	3.96	4.86	5.76	6.64	7.54	8.44	9.33	10.24	10.24	4 / ~~4~~ 3			
reaction time		interval		1.04	0.95	0.90	0.90	0.88	0.90	0.90	0.89	0.91		# of strides	3.96	2.68	2.69
wind	-1.20 m/s	velocity	5.08	9.62	10.53	11.11	11.11	11.36	11.11	11.11	11.24	10.99	9.77		7.58	11.19	11.15

Dahlöf, Carl (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2007 Windsprint (Sundsvall, SWE) — *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.23			7.22		9.27		11.32	11.32	/ 5			
reaction time		interval						2.99		2.05		2.05		# of strides	4.23	2.99	
wind	-0.4 m/s	velocity			7.09			10.03		9.76		9.76	8.83		7.09	10.03	

Dai Chenshuai (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 5 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) — *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.00	3.03	4.05	4.96		6.79	7.70	8.62	9.58	10.58	10.58	6 / 3			
reaction time	0.169	interval		1.03	1.02	0.91		1.83	0.91	0.92	0.96	1.00		# of strides	4.05	2.74	2.79
wind	-0.6 m/s	velocity	5.00	9.71	9.80	10.99		10.93	10.99	10.87	10.42	10.00	9.45	45.0	7.41	10.95	10.75

FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) — *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.92	2.98	3.96	4.89	5.82	6.72					6.72	7 / 6			
reaction time	0.152	interval		1.06	0.98	0.93	0.93	0.90					=PB	# of strides	3.96	2.76	
		velocity	5.21	9.43	10.20	10.75	10.75	11.11					8.93	28.2	7.58	10.87	

Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) — *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.94	2.98	3.95	4.89	5.78	6.72					6.72	8 / 2			
reaction time	0.157	interval		1.04	0.97	0.94	0.89	0.94					PB	# of strides	3.95	2.77	
		velocity	5.15	9.62	10.31	10.64	11.24	10.64					8.93	29.5	7.59	10.83	

Heat 3 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) — *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.96	3.01	4.00	4.91	5.83	6.73	7.65	8.57	9.54	10.54	10.54	3 / 6			
reaction time	0.151	interval		1.05	0.99	0.91	0.92	0.90	0.92	0.92	0.97	1.00		# of strides	4.00	2.73	2.81
wind	-0.8 m/s	velocity	5.10	9.52	10.10	10.99	10.87	11.11	10.87	10.87	10.31	10.00	9.49	44.0	7.50	10.99	10.68

Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) — *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.95	2.98	3.97	4.88	5.80	6.69	7.57	8.50	9.44	10.41	10.41	6 / 2			
reaction time	0.155	interval		1.03	0.99	0.91	0.92	0.89	0.88	0.93	0.94	0.97		# of strides	3.97	2.72	2.75
wind	-0.4 m/s	velocity	5.13	9.71	10.10	10.99	10.87	11.24	11.36	10.75	10.64	10.31	9.61	44.0	7.56	11.03	10.91

Heat 8 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) — *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.97	3.01	4.00	4.96	5.89	6.82	7.76	8.72	9.73	10.76	10.76	6 / 1			
reaction time		interval		1.04	0.99	0.96	0.93	0.93	0.94	0.96	1.01	1.03		# of strides	4.00	2.82	2.91
wind	-0.8 m/s	velocity	5.08	9.62	10.10	10.42	10.75	10.75	10.64	10.42	9.90	9.71	9.29	44.0	7.50	10.64	10.31

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) — *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.98	3.03		4.93	5.84	6.72	7.62	8.52	9.44	10.40	10.40	2 / 3			
reaction time	0.167	interval		1.05		1.90	0.91	0.88	0.90	0.90	0.92	0.96		# of strides			2.72
wind	0.1 m/s	velocity	5.05	9.52		10.53	10.99	11.36	11.11	11.11	10.87	10.42	9.62	43.7			11.03

Daichi, Musashi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN) — *Takashima (2023) - national high school sports festival - biomechanics data*

date	03-Aug-23	time	1.96	3.07	4.07	5.04	5.99	6.95	7.92	8.90	9.91	10.94	10.94	6 / 4			
reaction time	0.188	interval		1.11	1.00	0.97	0.95	0.96	0.97	0.98	1.01	1.03		# of strides	4.07	2.88	2.96
wind	-2.7 m/s	velocity	5.10	9.01	10.00	10.31	10.53	10.42	10.31	10.20	9.90	9.71	9.14		7.37	10.42	10.14

Dambrauskas, Adas (LTU) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.91	2.97	3.92	4.83	5.72	6.62					6.62	8 / 4			
reaction time	0.145	interval		1.06	0.95	0.91	0.89	0.90					NR	# of strides	3.92	2.70	
		velocity	5.24	9.43	10.53	10.99	11.24	11.11					9.06		7.65	11.11	

Dang, Joakim (NOR) (1990)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2015 Windsprint (Sundsvall, SWE)														*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time			4.17			7.13		9.18		11.31	11.31	7 / 4			
reaction time		interval						2.96		2.05		2.13		# of strides	4.17	2.96	
wind	1.1 m/s	velocity			7.19			10.14		9.76		9.39	8.84		7.19	10.14	
D FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			4.08			6.95		8.86		10.89	10.89	1 / 7			
reaction time		interval						2.87		1.91		2.03		# of strides	4.08	2.87	
wind	3.1 m/s	velocity			7.35			10.45		10.47		9.85	9.18		7.35	10.45	

Darkwah, Tony (SWE) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)														*(2017) - www.windsprint/Splittider/*			
date	30-Jul-17	time			4.13		5.99	6.92		8.79		10.68	10.68	7 / 5			
reaction time		interval					1.86	0.93		1.87		1.89		# of strides	4.13	2.79	
wind	1.8 m/s	velocity			7.26		10.75	10.75		10.70		10.58	9.36		7.26	10.75	
A FINAL - 2016 Windsprint (Sundsvall, SWE)														*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time			4.07			6.72				10.55	10.55	5 / 2			
reaction time		interval						2.65				3.83		# of strides	4.07	2.65	
wind	1.4 m/s	velocity			7.37			11.32				10.44	9.48		7.37	11.32	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)														*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time			4.07			6.83				10.56	10.56	5 / 2			
reaction time		interval						2.76				3.73		# of strides	4.07	2.76	
wind	0.7 m/s	velocity			7.37			10.87				10.72	9.47		7.37	10.87	
A FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			4.07			6.83		8.66		10.55	10.55	1 / ~~8~~ 7			
reaction time		interval						2.76		1.83		1.89		# of strides	4.07	2.76	
wind	1.5 m/s	velocity			7.37			10.87		10.93		10.58	9.48		7.37	10.87	
B FINAL - 2012 Windsprint (Sundsvall, SWE)														*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time			4.19			7.05		8.96		10.93	10.93	/ 7			
reaction time		interval						2.86		1.91		1.97		# of strides	4.19	2.86	
wind	1.0 m/s	velocity			7.16			10.49		10.47		10.15	9.15		7.16	10.49	

Dasaolu, James (GBR) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)														*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date	05-Aug-17	time	1.89	2.95	3.91	4.82	5.72	6.61	7.50	8.39	9.30	10.22	10.22	4 / 5			
reaction time	0.145	interval		1.06	0.96	0.91	0.90	0.89	0.89	0.89	0.91	0.92		# of strides	3.91	2.70	2.69
wind	-0.5 m/s	velocity	5.29	9.43	10.42	10.99	11.11	11.24	11.24	11.24	10.99	10.87	9.78	44.8	7.67	11.11	11.15
FINAL - 2013 European Indoor Championships (Göteborg, SWE)														*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	02-Mar-13	time		2.91		4.74		6.48					6.48	5 / 2			
reaction time	0.151	interval				1.83		1.74					PB	# of strides			
		velocity		6.87		10.93		11.49					9.26	28.0			
FINAL - 2009 ISTAF (Berlin, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	14-Jun-09	time		2.97	3.91	4.81		6.56		8.36		10.64	10.64	/ 9			
reaction time	0.178	interval			0.94	0.90		1.75		1.80		2.28		# of strides	3.91	2.65	
wind	1.4 m/s	velocity		6.73	10.64	11.11		11.43		11.11		8.77	9.40		7.67	11.32	

Davis, Harold (USA) (1921)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat ??? - 1941 Compton Invitational (Compton, CA)														*Quercentani (2000). Athletics: A history of modern track and field athletics (1860-2000)*			
date	06-Jun-41	time					5.7					10.2	10.2	/ 1			
reaction time		interval										4.5	=WR	# of strides			
wind	-0.9 m/s	velocity					8.77					11.11	9.80				

Davison, Sandrey (JAM) (2003)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Prefontaine Classic (Eugene, OR)														*Omega Timing (2024) - diamond league race analysis*			
date	25-May-24	time	1.97	3.02	3.96	4.87	5.75	6.62	7.49	8.36	9.25	10.13	10.13	1 / 5			
reaction time	0.197	interval		1.05	0.94	0.91	0.88	0.87	0.87	0.87	0.89	0.88	PB	# of strides	3.96	2.66	2.63
wind	1.2 m/s	velocity	5.08	9.52	10.64	10.99	11.36	11.49	11.49	11.49	11.24	11.36	9.87	44.0	7.58	11.28	11.41

de Grasse, André (CAN) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)														*Grand Slam Track (2025) - results and splits by race*			
date	03-May-25	time	2.02	3.07	3.99	4.86	5.73	6.57	7.43	8.31	9.16	10.05	10.05	7 / 8			
reaction time	0.190	interval		1.05	0.92	0.87	0.87	0.84	0.86	0.88	0.85	0.89		# of strides	3.99	2.58	2.59
wind	2.4 m/s	velocity	4.95	9.52	10.87	11.49	11.49	11.90	11.63	11.36	11.76	11.24	9.95	46.0	7.52	11.63	11.58
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	1.89	2.97	3.91	4.80	5.66	6.53	7.37	8.23	9.09	9.98	9.98	2 / 5			
reaction time	0.133	interval		1.08	0.94	0.89	0.86	0.87	0.84	0.86	0.86	0.89		# of strides	3.91	2.62	2.56
wind	0.5 m/s	velocity	5.29	9.26	10.64	11.24	11.63	11.49	11.90	11.63	11.63	11.24	10.02	46.0	7.67	11.45	11.72
Heat 7 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.93	3.01	3.97	4.85	5.72	6.59	7.44	8.31	9.19	10.07	10.07	5 / 3			
reaction time	0.144	interval		1.08	0.96	0.88	0.87	0.87	0.85	0.87	0.88	0.88		# of strides	3.97	2.62	2.60
wind	0.3 m/s	velocity	5.18	9.26	10.42	11.36	11.49	11.49	11.76	11.49	11.36	11.36	9.93	46.0	7.56	11.45	11.54
FINAL - 2022 Weltklasse (Zürich, SUI)														*Omega Timing (2022) - diamond league race analysis*			
date	08-Sep-22	time		3.02		4.89		6.65		8.41		10.21	10.21	2 / 8			
reaction time	0.137	interval				1.87		1.76		1.76		1.80		# of strides			
wind	-0.3 m/s	velocity		6.62		10.70		11.36		11.36		11.11	9.79	46.2			
FINAL - 2022 Bislett Games (Oslo, NOR)														*Omega Timing (2022) - diamond league race analysis*			
date	16-Jun-22	time		2.97		4.82		6.58		8.30		10.05	10.05	5 / 1			
reaction time	0.146	interval				1.85		1.76		1.72		1.75		# of strides			
wind	0.5 m/s	velocity		6.73		10.81		11.36		11.63		11.43	9.95	48.0			
FINAL - 2022 Prefontaine Classic (Eugene, OR)														*Omega Timing (2022) - diamond league race analysis*			
date	28-May-22	time		3.01		4.88		6.66		8.43		10.21	10.21	3 / 9			
reaction time	0.136	interval				1.87		1.78		1.77		1.78		# of strides			
wind	-0.2 m/s	velocity		6.64		10.70		11.24		11.30		11.24	9.79	47.0			
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)														*Omega Timing (2022) - diamond league race analysis*			
date	21-May-22	time		3.01		4.89		6.67		8.43		10.24	10.24	6 / 4			
reaction time	0.141	interval				1.88		1.78		1.76		1.81		# of strides			
wind	-0.2 m/s	velocity		6.64		10.64		11.24		11.36		11.05	9.77	47.5			
FINAL - 2021 Weltklasse (Zürich, SUI)														*Omega Timing (2021) - diamond league race analysis*			
date	09-Sep-21	time		3.0		4.8		6.5		8.2		9.89	9.89	6 / 2			
reaction time	0.110	interval				1.80		1.70		1.70		1.69	**=PB**	# of strides			
wind	-0.4 m/s	velocity		6.67		11.11		11.76		11.76		11.83	10.11	46.2			
FINAL - 2021 Prefontaine Classic (Eugene, OR)														*Omega Timing (2021) - diamond league race analysis*			
date	21-Aug-21	time		3.0		4.8		6.4		8.1		9.74	9.74	6 / 1			
reaction time	0.129	interval				1.80		1.60		1.70		1.64		# of strides			
wind	2.9 m/s	velocity		6.67		11.11		12.50		11.76		12.20	10.27	45.7			
FINAL - 2020 Olympic Games (Tokyo, JPN)														*Vazel (2021) - analyzing the olympic 100-meter sprints*			
date	01-Aug-21	time			3.88			6.48		8.17		9.89	9.89	9 / 3			
reaction time	0.155	interval						2.60		3.41		1.72	**PB**	# of strides	3.88	2.60	
wind	0.1 m/s	velocity			7.73			11.54		5.87		11.63	10.11	46.0	7.73	11.54	
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)														*Omega Timing (2021) - diamond league race analysis*			
date	13-Jul-21	time		3.1		5.0		6.7		8.4		10.13	10.13	3 / 4			
reaction time	0.176	interval				1.90		1.70		1.70		1.73		# of strides			
wind	0.4 m/s	velocity		6.45		10.53		11.76		11.76		11.56	9.87	46.0			
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)														*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time		3.0		4.9		6.6		8.3		10.00	10.00	2 / 4			
reaction time	0.148	interval				1.90		1.70		1.70		1.70		# of strides			
wind	0.3 m/s	velocity		6.67		10.53		11.76		11.76		11.76	10.00	46.5			
FINAL - 2019 IAAF World Championships (Doha, QAT)														*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date	28-Sep-19	time	1.88	2.94	3.88	4.77	5.63	6.48	7.32	8.17	9.03	9.99	9.90	6 / 3			
reaction time	0.140	interval		1.06	0.94	0.89	0.86	0.85	0.84	0.85	0.86	0.96	**PB**	# of strides	3.88	2.60	2.55
wind	0.6 m/s	velocity	5.32	9.43	10.64	11.24	11.63	11.76	11.90	11.76	11.63	10.42	10.10	46.7	7.73	11.54	11.76
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)														*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time		3.1		4.9		6.7		8.4		10.13	10.13	8 / 5			
reaction time	0.133	interval				1.8		1.8		1.7		1.73		# of strides			
wind	2.0 m/s	velocity		6.45		11.11		11.11		11.76		11.56	9.87	46.5			
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)														*Omega Timing (2019) - diamond league race analysis*			

date	18-Aug-19	time	3.1	4.9	6.7	8.4	10.14	10.14	4 / 3				
reaction time	0.136	interval		1.8	1.8	1.7	1.74		# of strides				
wind	0.7 m/s	velocity	6.45	11.11	11.11	11.76	11.49	9.86					

de Lima, Vicente (BRA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time		3.95		5.78	6.69					6.69	8 / 7			
reaction time 0.161	interval				1.83	0.91						# of strides	3.95	2.74	
	velocity		7.59		10.93	10.99					8.97	30.0	7.59	10.95	
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time		3.94		5.75	6.67					6.67	2 / 4			
reaction time 0.168	interval				1.81	0.92						# of strides	3.94	2.73	
	velocity		7.61		11.05	10.87					9.00	30.0	7.61	10.99	

de Morães, Basílio (BRA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 7 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	3.04	4.02	4.96		6.82		8.66		10.54	10.54	1 / 6			
reaction time 0.139	interval		0.98	0.94		1.86		1.84		1.88		# of strides	4.02	2.80	
wind 0.4 m/s	velocity	6.58	10.20	10.64		10.75		10.87		10.64	9.49		7.46	10.71	

de Oliveira, Nil (SWE) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.18		6.07	7.00		8.86		10.79	10.79	4 / 1			
reaction time	interval				1.89	0.93		1.86		1.93		# of strides	4.18	2.82	
wind 1.5 m/s	velocity		7.18		10.58	10.75		10.75		10.36	9.27		7.18	10.64	
A FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time		4.08			6.89		8.75		10.66	10.66	6 / 6			
reaction time	interval					2.81		1.86		1.91		# of strides	4.08	2.81	
wind 1.0 m/s	velocity		7.35			10.68		10.75		10.47	9.38		7.35	10.68	
B FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		4.05			6.83		8.70		10.60	10.60	6 / 2			
reaction time	interval					2.78		1.87		1.90		# of strides	4.05	2.78	
wind 0.3 m/s	velocity		7.41			10.79		10.70		10.53	9.43		7.41	10.79	
B FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.06			6.81		8.63		10.49	10.49	/ 1			
reaction time	interval					2.75		1.82		1.86		# of strides	4.06	2.75	
wind 1.0 m/s	velocity		7.39			10.91		10.99		10.75	9.53		7.39	10.91	
B FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.02			6.73		8.52		10.34	10.34	5 / 1			
reaction time	interval					2.71		1.79		1.82		# of strides	4.02	2.71	
wind 2.0 m/s	velocity		7.46			11.07		11.17		10.99	9.67		7.46	11.07	
FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		4.06			6.87		8.73		10.67	10.67	/ 8			
reaction time	interval					2.81		1.86		1.94		# of strides	4.06	2.81	
wind 0.7 m/s	velocity		7.39			10.68		10.75		10.31	9.37		7.39	10.68	

de Oliveira, Nil (BRA) (1986)

B FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time		4.04			6.81		8.65		10.55	10.55	/ 1			
reaction time	interval					2.77		1.84		1.90		# of strides	4.04	2.77	
wind 1.1 m/s	velocity		7.43			10.83		10.87		10.53	9.48		7.43	10.83	

de Oliveira, Paulo André (BRA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.90	2.99	3.95	4.88	5.79	6.71	7.63	8.55	9.48	10.46	10.46	7 / 8			
reaction time 0.144	interval		1.09	0.96	0.93	0.91	0.92	0.92	0.92	0.93	0.98		# of strides	3.95	2.76	2.77
wind -0.3 m/s	velocity	5.26	9.17	10.42	10.75	10.99	10.87	10.87	10.87	10.75	10.20	9.56	43.5	7.59	10.87	10.83

Dede, Bruno Chikwadoryo (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2020 Japanese National Championships (Niigata, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 01-Oct-20	time	1.91	2.98	3.94	4.87	5.77	6.68	7.59	8.51	9.46	10.43	10.43	6 / 3			
reaction time 0.134	interval		1.07	0.96	0.93	0.90	0.91	0.91	0.92	0.95	0.97		# of strides	3.94	2.74	2.78
wind 0.2 m/s	velocity	5.24	9.35	10.42	10.75	11.11	10.99	10.99	10.87	10.53	10.31	9.59	49.5	7.61	10.95	10.79
FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 28-Apr-19	time	1.92	3.00	3.97	4.89	5.79	6.68	7.58	8.47	9.37	10.29	10.29	3 / 4			
reaction time	interval		1.08	0.97	0.92	0.90	0.89	0.90	0.89	0.90	0.92	PB	# of strides	3.97	2.71	2.69

wind	1.2 m/s	velocity	5.21	9.26	10.31	10.87	11.11	11.24	11.11	11.24	11.11	10.87	9.72	46.2	7.56	11.07	11.15

FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Omega (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*

date	30-Jul-17	time			4.08			6.91			9.75	10.74	10.74	8 / 5			
reaction time	0.153	interval						2.83			2.84	0.99		# of strides	4.08	2.83	2.84
wind	-2.0 m/s	velocity			7.35			10.60			10.56	10.10	9.31		7.35	10.60	10.56

Deliser, Arturo (PAN) (1997)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.95	3.05	4.03	4.95	5.86	6.77	7.64	8.55	9.43	10.35	10.35	3 / 7			
reaction time	0.153	interval		1.10	0.98	0.92	0.91	0.91	0.87	0.91	0.88	0.92		# of strides	4.03	2.74	2.66
wind	0.2 m/s	velocity	5.13	9.09	10.20	10.87	10.99	10.99	11.49	10.99	11.36	10.87	9.66	47.0	7.44	10.95	11.28

Prelim 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.96	3.05	4.03	4.96	5.86	6.74	7.63	8.52	9.42	10.34	10.34	2 / 1			
reaction time	0.165	interval		1.09	0.98	0.93	0.90	0.88	0.89	0.89	0.90	0.92		# of strides	4.03	2.71	2.68
wind	0.3 m/s	velocity	5.10	9.17	10.20	10.75	11.11	11.36	11.24	11.24	11.11	10.87	9.67	47.0	7.44	11.07	11.19

Demps, Jeff (USA) (1990)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	29-Jun-08	time	1.94	2.98	3.94	4.86	5.75	6.62	7.54	8.44	9.37	10.34	10.34	3 / 8			
reaction time		interval		1.04	0.96	0.92	0.89	0.87	0.92	0.90	0.93	0.97		# of strides	3.94	2.68	2.75
wind	0.5 m/s	velocity	5.15	9.62	10.42	10.87	11.24	11.49	10.87	11.11	10.75	10.31	9.67	49.2	7.61	11.19	10.91

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.78	2.95	3.88	4.80	5.66	6.51	7.35	8.25	9.12	10.01	10.01	4 / 2			
reaction time		interval		1.17	0.93	0.92	0.86	0.85	0.84	0.90	0.87	0.89	**=WJR**	# of strides	3.88	2.63	2.61
wind	1.6 m/s	velocity	5.62	8.55	10.75	10.87	11.63	11.76	11.90	11.11	11.49	11.24	9.99	48.7	7.73	11.41	11.49

Heat 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.95	3.02	3.98	4.87	5.76	6.62	7.45	8.34	9.24	10.12	10.12	5 / 2			
reaction time		interval		1.07	0.96	0.89	0.89	0.86	0.83	0.89	0.90	0.88		# of strides	3.98	2.64	2.62
wind	1.8 m/s	velocity	5.13	9.35	10.42	11.24	11.24	11.63	12.05	11.24	11.11	11.36	9.88		7.54	11.36	11.45

Deng Xinrui (CHN) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Apr-24	time	1.95	3.00	3.98	4.91	5.84	6.76	7.68	8.61	9.58	10.55	10.55	1 / 10			
reaction time	0.140	interval		1.05	0.98	0.93	0.93	0.92	0.92	0.93	0.97	0.97		# of strides	3.98	2.78	2.82
wind	-0.6 m/s	velocity	5.13	9.52	10.20	10.75	10.75	10.87	10.87	10.75	10.31	10.31	9.48	50.2	7.54	10.79	10.64

FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Mar-24	time	1.92	2.94	3.90	4.81	5.70	6.64					6.64	3 / 4			
reaction time	0.132	interval		1.02	0.96	0.91	0.89	0.94					**PB**	# of strides	3.90	2.74	
		velocity	5.21	9.80	10.42	10.99	11.24	10.64					9.04	31.5	7.69	10.95	

Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Mar-24	time	1.92	2.99	3.91	4.83	5.73	6.68					6.68	3 / 2			
reaction time	0.147	interval		1.07	0.92	0.92	0.90	0.95						# of strides	3.91	2.77	
		velocity	5.21	9.35	10.87	10.87	11.11	10.53					8.98	32.0	7.67	10.83	

A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-Feb-24	time		2.95	3.97	4.89	5.81	6.74					6.74	2 / 5			
reaction time		interval			1.02	0.92	0.92	0.93						# of strides	3.97	2.77	
		velocity		6.78	9.80	10.87	10.87	10.75					8.90	33.0	7.56	10.83	

FINAL - 2023 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2023)*			
date	21-Jul-23	time	1.88	2.90	3.86		5.64	6.50	7.40	8.32	9.26	10.23	10.23	6 / 1			
reaction time	0.145	interval		1.02	0.96		1.78	0.86	0.90	0.92	0.94	0.97		# of strides	3.86	2.64	2.76
wind	0.2 m/s	velocity	5.32	9.80	10.42		11.24	11.63	11.11	10.87	10.64	10.31	9.78	50.0	7.77	11.36	10.87

Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2023)*			
date	21-Jul-23	time	1.89	2.92	3.86		5.69	6.56	7.47	8.38	9.34	10.33	10.33	4 / 1			
reaction time	0.156	interval		1.03	0.94		1.83	0.87	0.91	0.91	0.96	0.99		# of strides	3.86	2.70	2.78
wind	-0.5 m/s	velocity	5.29	9.71	10.64		10.93	11.49	10.99	10.99	10.42	10.10	9.68	50.0	7.77	11.11	10.79

FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.90	2.93	3.90	4.79	5.69	6.57	7.47	8.40	9.34	10.33	10.33	7 / 7			
reaction time	0.149	interval		1.03	0.97	0.89	0.90	0.88	0.90	0.93	0.94	0.99		# of strides	3.90	2.67	2.77
wind	0.7 m/s	velocity	5.26	9.71	10.31	11.24	11.11	11.36	11.11	10.75	10.64	10.10	9.68	50.5	7.69	11.24	10.83

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.88	2.94	3.88	4.77	5.66	6.56	7.45	8.37	9.31	10.27	10.27	4 / 1			

reaction time	0.145	interval		1.06	0.94	0.89	0.89	0.90	0.89	0.92	0.94	0.96		# of strides	3.88	2.68	2.75
wind	-0.2 m/s	velocity	5.32	9.43	10.64	11.24	11.24	11.11	11.24	10.87	10.64	10.42	9.74	51.0	7.73	11.19	10.91

Semi-Final 1 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.92	2.96	3.92	4.82	5.71	6.57	7.45	8.35	9.23	10.21	10.21	5 / 1			
reaction time	0.154	interval		1.04	0.96	0.90	0.89	0.86	0.88	0.90	0.88	0.98	PB	# of strides	3.92	2.65	2.66
wind	0.5 m/s	velocity	5.21	9.62	10.42	11.11	11.24	11.63	11.36	11.11	11.36	10.20	9.79	50.0	7.65	11.32	11.28

Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	1.95	3.01	3.99	4.91	5.82	6.72	7.64	8.57	9.51	10.49	10.49	4 / 1			
reaction time	0.157	interval		1.06	0.98	0.92	0.91	0.90	0.92	0.93	0.94	0.98		# of strides	3.99	2.73	2.79
wind	-0.1 m/s	velocity	5.13	9.43	10.20	10.87	10.99	11.11	10.87	10.75	10.64	10.20	9.53	50.0	7.52	10.99	10.75

Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	1.95	2.99	3.97	4.89	5.79	6.71					6.71	4 / 1			
reaction time	0.157	interval		1.04	0.98	0.92	0.90	0.92						# of strides	3.97	2.74	
		velocity	5.13	9.62	10.20	10.87	11.11	10.87					8.94	33.0	7.56	10.95	

Heat 20 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	1.91	2.98	3.94	4.84		6.65					6.65	5 / 1			
reaction time	0.164	interval		1.07	0.96	0.90		1.81					PB	# of strides	3.94	2.71	
		velocity	5.24	9.35	10.42	11.11		11.05					9.02		7.61	11.07	

Deng Zhijian (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.93	3.01	3.96	4.88	5.78	6.67	7.57	8.48	9.40	10.33	10.33	7 / 2			
reaction time	0.145	interval		1.08	0.95	0.92	0.90	0.89	0.90	0.91	0.92	0.93		# of strides	3.96	2.71	2.73
wind	0.7 m/s	velocity	5.18	9.26	10.53	10.87	11.11	11.24	11.11	10.99	10.87	10.75	9.68	45.0	7.58	11.07	10.99

Desensky, Lukáš (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.30		5.42		7.55		9.67		11.90	11.90	6 / 5			
reaction time	0.206	interval				2.12		2.13		2.12		2.23		# of strides			
wind	-3.9 m/s	velocity		6.06		9.43		9.39		9.43		8.97	8.40				

Devonish, Marlon (GBR) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time		3.00	3.95	4.86		6.65		8.45		10.25	10.25	/ 1			
reaction time	0.164	interval			0.95	0.91		1.79		1.80		1.80		# of strides	3.95	2.70	
wind	0.2 m/s	velocity		6.67	10.53	10.99		11.17		11.11		11.11	9.76		7.59	11.11	

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

date	13-Sep-08	time		3.01	3.98	4.90	5.80	6.75	7.60	8.51		10.37	10.37	2 / 8			
reaction time	0.140	interval			0.97	0.92	0.90	0.95	0.85	0.91		1.86		# of strides	3.98	2.77	
wind	0.4 m/s	velocity		6.64	10.31	10.87	11.11	10.53	11.76	10.99		10.75	9.64		7.54	10.83	

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time		2.99	3.94	4.84		6.62		8.38		10.18	10.18	6 / 5			
reaction time	0.140	interval			0.95	0.90		1.78		1.76		1.80		# of strides	3.94	2.68	
wind	-0.3 m/s	velocity		6.69	10.53	11.11		11.24		11.36		11.11	9.82	44.1	7.61	11.19	

FINAL - 2007 IAAF World Championships (Osaka, JPN) *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	26-Aug-07	time	1.98	2.99	3.95	4.84	5.73	6.60	7.47	8.35	9.23	10.14	10.14	7 / 6			
reaction time	0.149	interval		1.01	0.96	0.89	0.89	0.87	0.87	0.88	0.88	0.91		# of strides	3.95	2.65	2.63
wind	-0.5 m/s	velocity	5.05	9.90	10.42	11.24	11.24	11.49	11.49	11.36	11.36	10.99	9.86	44.2	7.59	11.32	11.41

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	26-Aug-07	time	1.93	2.99	3.93	4.83	5.71	6.58	7.45	8.33	9.22	10.12	10.12	7 / 2			
reaction time	0.154	interval		1.06	0.94	0.90	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.93	2.65	2.64
wind	0.1 m/s	velocity	5.18	9.43	10.64	11.11	11.36	11.49	11.49	11.36	11.24	11.11	9.88	44.2	7.63	11.32	11.36

Quarter-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.95	2.99	3.93	4.83	5.71	6.59	7.46	8.33	9.22	10.13	10.13	7 / 2			
reaction time	0.154	interval		1.04	0.94	0.90	0.88	0.88	0.87	0.87	0.89	0.91		# of strides	3.93	2.66	2.63
wind	-0.5 m/s	velocity	5.13	9.62	10.64	11.11	11.36	11.36	11.49	11.49	11.24	10.99	9.87	44.0	7.63	11.28	11.41

Heat 3 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.92	2.97	3.91	4.80	5.68	6.56	7.43	8.31	9.20	10.13	10.13	4 / 1			
reaction time	0.138	interval		1.05	0.94	0.89	0.88	0.88	0.87	0.88	0.89	0.93		# of strides	3.91	2.65	2.64
wind	-1.0 m/s	velocity	5.21	9.52	10.64	11.24	11.36	11.36	11.49	11.36	11.24	10.75	9.87		7.67	11.32	11.36

Di Gregorio, Emanuele (ITA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.98	3.94	4.85	6.65	8.42	10.26	10.26	6 / 4			
reaction time	0.156	interval		0.96	0.91	1.80	1.77	1.84		# of strides	3.94	2.71	
wind	-0.7 m/s	velocity	6.71	10.42	10.99	11.11	11.30	10.87	9.75		7.61	11.07	

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

date	15-Aug-09	time	3.01	3.96	4.86	6.69	8.49	10.35	10.35	6 / 2			
reaction time	0.167	interval		0.95	0.90	1.83	1.80	1.86		# of strides	3.96	2.73	
wind	-0.2 m/s	velocity	6.64	10.53	11.11	10.93	11.11	10.75	9.66		7.58	10.99	

di Marino, Emanuele (ITA) (1989) (T44)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	17-Sep-23	time	2.25	3.48	4.62	5.72	6.82	7.92	9.02	10.14	11.27	12.44	12.44	1 / 8			
reaction time	0.137	interval		1.23	1.14	1.10	1.10	1.10	1.10	1.12	1.13	1.17		# of strides	4.62	3.30	3.35
wind	0.0 m/s	velocity	4.44	8.13	8.77	9.09	9.09	9.09	9.09	8.93	8.85	8.55	8.04	54.0	6.49	9.09	8.96

Diaz, Lazaro (CUB) (2004)

Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT) — *Omega Timing (2025) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	16-May-25	time	1.91	3.00	4.00	4.97	5.92	6.86	7.80	8.75	9.71	10.78	10.78	2 / 6			
reaction time	0.143	interval		1.09	1.00	0.97	0.95	0.94	0.94	0.95	0.96	1.07		# of strides	4.00	2.86	2.85
wind	1.1 m/s	velocity	5.24	9.17	10.00	10.31	10.53	10.64	10.64	10.53	10.42	9.35	9.28		7.50	10.49	10.53

Dimótsios, Stilianós (GRE) (1974)

B FINAL 2 - 2001 European Cup (Bremen, GER) — *Graubner (2007) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	23-Jun-01	time	3.15	4.15	5.10	6.96	8.80	10.69	10.69	/ 7					
reaction time	0.169	interval		1.00	0.95	1.86	1.84	1.89		# of strides	4.15	2.81			
wind	1.3 m/s	velocity	6.35	10.00	10.53	10.75	10.87	10.58	9.35		7.23	10.68			

Diu Chun Hei (HKG) (2000)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-24	time	1.97	3.04	4.00	4.93	5.83	6.75	7.69	8.64	9.62	10.62	10.62	3 / 4			
reaction time	0.171	interval		1.07	0.96	0.93	0.90	0.92	0.94	0.95	0.98	1.00		# of strides	4.00	2.75	2.87
wind	0.1 m/s	velocity	5.08	9.35	10.42	10.75	11.11	10.87	10.64	10.53	10.20	10.00	9.42	49.0	7.50	10.91	10.45

Dix, Walter (USA) (1986)

FINAL - 2011 IAAF World Championships (Daegu, KOR) — *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	28-Aug-11	time	2.94	3.92	4.81	5.71	6.56	7.43	8.29	9.19	10.08	10.08	4 / 2				
reaction time	0.175	interval		0.98	0.89	0.90	0.85	0.87	0.86	0.90	0.89		# of strides	3.92	2.64	2.63	
wind	-1.4 m/s	velocity	6.80	10.20	11.24	11.11	11.76	11.49	11.63	11.11	11.24	9.92	48.0	7.65	11.36	11.41	

FINAL - 2008 Olympic Games (Beijing, CHN) — *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time		3.85		6.46	8.18		9.91	9.91	6 / 3		
reaction time	0.133	interval				2.61	1.72		1.73	PB	# of strides	3.85	2.61	
wind	0.0 m/s	velocity		7.79		11.49	11.63		11.56	10.09	48.5	7.79	11.49	

FINAL - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	2.00	3.02	3.95	4.80	5.66	6.47	7.29	8.11	8.94	9.80	9.80	3 / 2			
reaction time	0.142	interval		1.02	0.93	0.85	0.86	0.81	0.82	0.82	0.83	0.86		# of strides	3.95	2.52	2.47
wind	4.1 m/s	velocity	5.00	9.80	10.75	11.76	11.63	12.35	12.20	12.20	12.05	11.63	10.20	48.2	7.59	11.90	12.15

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	2.00	3.04	3.97	4.86	5.70	6.54	7.37	8.22	9.09	9.93	9.93	2 / 2			
reaction time		interval		1.04	0.93	0.89	0.84	0.84	0.83	0.85	0.87	0.84		# of strides	3.97	2.57	2.55
wind	2.2 m/s	velocity	5.00	9.62	10.75	11.24	11.90	11.90	12.05	11.76	11.49	11.90	10.07	48.0	7.56	11.67	11.76

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.83	2.98	3.93	4.85	5.70	6.55	7.39	8.26	9.10	10.02	10.02	3 / 3			
reaction time		interval		1.15	0.95	0.92	0.85	0.85	0.84	0.87	0.84	0.92		# of strides	3.93	2.62	2.55
wind	1.6 m/s	velocity	5.46	8.70	10.53	10.87	11.76	11.76	11.90	11.49	11.90	10.87	9.98	47.5	7.63	11.45	11.76

Heat 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.95	3.02	3.89	4.79	5.66	6.51	7.34	8.17	9.06	9.96	9.96	2 / 1			
reaction time		interval		1.07	0.87	0.90	0.87	0.85	0.83	0.83	0.89	0.90		# of strides	3.89	2.62	2.55
wind	1.7 m/s	velocity	5.13	9.35	11.49	11.11	11.49	11.76	12.05	12.05	11.24	11.11	10.04		7.71	11.45	11.76

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

date	25-Jun-05	time	1.96	3.04	3.99	4.91	5.81	6.69	7.57	8.49	9.38	10.29	10.29	2 / 4			
reaction time		interval		1.08	0.95	0.92	0.90	0.88	0.88	0.92	0.89	0.91		# of strides	3.99	2.70	2.69
wind	-2.3 m/s	velocity	5.10	9.26	10.53	10.87	11.11	11.36	11.36	10.87	11.24	10.99	9.72	50.0	7.52	11.11	11.15

Dixon, Leroy (USA) (1983)

FINAL - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.93	2.99	3.88	4.77	5.62	6.47	7.34	8.17	9.07	9.99	9.99	2 / 6			
reaction time	0.157	interval		1.06	0.89	0.89	0.85	0.85	0.87	0.83	0.90	0.92		# of strides	3.88	2.59	2.60
wind	4.1 m/s	velocity	5.18	9.43	11.24	11.24	11.76	11.76	11.49	12.05	11.11	10.87	10.01	44.5	7.73	11.58	11.54

Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.97	3.00	3.93	4.84	5.72	6.59	7.47	8.33	9.25	10.17	10.17	2 / 3			
reaction time		interval		1.03	0.93	0.91	0.88	0.87	0.88	0.86	0.92	0.92		# of strides	3.93	2.66	2.66
wind	0.5 m/s	velocity	5.08	9.71	10.75	10.99	11.36	11.49	11.36	11.63	10.87	10.87	9.83	45.0	7.63	11.28	11.28

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.85	3.00	3.87	4.77	5.63	6.49	7.37	8.23	9.11	10.02	10.02	6 / 4			
reaction time		interval		1.15	0.87	0.90	0.86	0.86	0.88	0.86	0.88	0.91	PB	# of strides	3.87	2.62	2.62
wind	1.6 m/s	velocity	5.41	8.70	11.49	11.11	11.63	11.63	11.36	11.63	11.36	10.99	9.98	44.7	7.75	11.45	11.45

Heat 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.91	2.95	3.87	4.82	5.65	6.52	7.37	8.27	9.20	10.16	10.16	2 / 3			
reaction time		interval		1.04	0.92	0.95	0.83	0.87	0.85	0.90	0.93	0.96		# of strides	3.87	2.65	2.68
wind	1.8 m/s	velocity	5.24	9.62	10.87	10.53	12.05	11.49	11.76	11.11	10.75	10.42	9.84		7.75	11.32	11.19

Døhlie, Petter Gire (NOR) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time			4.41			7.44		9.44		11.50	11.50	/ 7			
reaction time interval						3.03		2.00		2.06		# of strides	4.41	3.03	
wind 3.0 m/s velocity			6.80			9.90		10.00		9.71	8.70		6.80	9.90	

Domogala, Patrick (GER) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)												*European Athletics (2019) - race analysis*			
date 09-Sep-19 time					6.03					10.57	10.57	8 / 7			
reaction time 0.157 interval										4.54		# of strides			
wind -1.1 m/s velocity					8.29					11.01	9.46	45.0			

FINAL - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.17	4.17	5.11	6.96	8.82	10.74	10.74	/ 2					
reaction time		interval		1.00	0.94	1.85	1.86	1.92		# of strides	4.17	2.79			
wind	0.0 m/s	velocity	6.31	10.00	10.64	10.81	10.75	10.42	9.31		7.19	10.75			

Semi-Final 1 - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.18	4.16	5.10	6.94	8.78	10.68	10.68	/ 1					
reaction time		interval		0.98	0.94	1.84	1.84	1.90		# of strides	4.16	2.78			
wind	1.0 m/s	velocity	6.29	10.20	10.64	10.87	10.87	10.53	9.36		7.21	10.79			

Donati, Roberto (ITA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11 time			4.07			6.88		8.76		10.70	10.70	1 / 2			
reaction time interval						2.81		1.88		1.94		# of strides	4.07	2.81	
wind 2.8 m/s velocity			7.37			10.68		10.64		10.31	9.35		7.37	10.68	

Doran, Jake (AUS) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		2.9		4.8		6.7		8.5		10.40	10.40	3 / 8			
reaction time 0.140 interval				1.90		1.90		1.80		1.90		# of strides			
wind -1.2 m/s velocity		6.90		10.53		10.53		11.11		10.53	9.62	46.2			

Douglas, Troy (NED) (1962)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 07-Aug-02 time		3.05	4.02	4.95		6.74		8.52		10.36	10.36	/ ~~5~~ 4			
reaction time 0.149 interval			0.97	0.93		1.79		1.78		1.84		# of strides	4.02	2.72	
wind 0.0 m/s velocity		6.56	10.31	10.75		11.17		11.24		10.87	9.65		7.46	11.03	

FINAL - 2001 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	31-Aug-01	time	3.00	3.96	4.88	6.64	8.39	10.19	10.19	/ 4					
reaction time	0.146	interval		0.96	0.92	1.76	1.75	1.80	=NR	# of strides	3.96	2.68			
wind	0.6 m/s	velocity	6.67	10.42	10.87	11.36	11.43	11.11	9.81		7.58	11.19			

Douhou, Ahmed (FRA) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 International French Championships (Bercy, FRA)												*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date 10-Feb-96 time	1.94	3.01	4.00	4.92	5.82	6.74					6.74	/ 5			
reaction time interval		1.07	0.99	0.92	0.90	0.92						# of strides	4.00	2.74	
velocity	5.15	9.35	10.10	10.87	11.11	10.87					8.90		7.50	10.95	

Heat 1 - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.93	3.02	3.99	4.92	5.84	6.75					6.75	/ 2			

reaction time		interval		1.09	0.97	0.93	0.92	0.91					# of strides	3.99	2.76	
		velocity	5.18	9.17	10.31	10.75	10.87	10.99				8.89		7.52	10.87	

Dovgal, Anatoliy (UKR) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 07-Aug-02	time	2.98	3.95	4.87		6.67		8.49		10.40	10.40	/ ~~7~~ 6			
reaction time 0.142	interval		0.97	0.92		1.80		1.82		1.91		# of strides	3.95	2.72	
wind 0.0 m/s	velocity	6.71	10.31	10.87		11.11		10.99		10.47	9.62		7.59	11.03	
Quarter-Final 4 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 06-Aug-02	time	2.95	3.90	4.81		6.60		8.41		10.30	10.30	/ ~~3~~ 2			
reaction time 0.123	interval		0.95	0.91		1.79		1.81		1.89		# of strides	3.90	2.70	
wind 0.1 m/s	velocity	6.78	10.53	10.99		11.17		11.05		10.58	9.71		7.69	11.11	

Drayton, Éric (FRA) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 1996 International French Championships (Bercy, FRA)												*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date 10-Feb-96	time	1.95	3.03	4.03	4.97	5.91	6.84				6.84	/ 5			
reaction time	interval		1.08	1.00	0.94	0.94	0.93					# of strides	4.03	2.81	
	velocity	5.13	9.26	10.00	10.64	10.64	10.75				8.77		7.44	10.68	

Dreyer, Hannes (RSA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		3.94			6.65		8.45		10.30	10.30	3 / 6			
reaction time	interval					2.71		1.80		1.85		# of strides	3.94	2.71	
wind 3.0 m/s	velocity		7.61			11.07		11.11		10.81	9.71	47.0	7.61	11.07	
Heat 8 - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		3.99			6.71		8.55		10.44	10.44	6 / 4			
reaction time	interval					2.72		1.84		1.89		# of strides	3.99	2.72	
wind 1.8 m/s	velocity		7.52			11.03		10.87		10.58	9.58		7.52	11.03	
FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		3.95			6.70		8.53		10.43	10.43	/ 2			
reaction time	interval					2.75		1.83		1.90		# of strides	3.95	2.75	
wind 0.1 m/s	velocity		7.59			10.91		10.93		10.53	9.59		7.59	10.91	
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	3.01	3.99	4.93		6.81		8.75		10.70	10.70	/ 9			
reaction time 0.172	interval		0.98	0.94		1.88		1.94		1.95		# of strides	3.99	2.82	
wind 0.2 m/s	velocity	6.64	10.20	10.64		10.64		10.31		10.26	9.35		7.52	10.64	

Drummond, Jon (USA) (1968)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 20-Jun-03	time	1.89	2.95	3.92	4.82	5.72	6.61	7.46	8.37	9.29	10.18	10.18	7 / ~~3~~ 2			
reaction time	interval		1.06	0.97	0.90	0.90	0.89	0.85	0.91	0.92	0.89		# of strides	3.92	2.69	2.68
wind 1.6 m/s	velocity	5.29	9.43	10.31	11.11	11.11	11.24	11.76	10.99	10.87	11.24	9.82		7.65	11.15	11.19
FINAL - 2002 IAAF Grand Prix Final (Paris, FRA)												*Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*			
date 14-Sep-02	time	1.89	2.91	3.84	4.73	5.60	6.44	7.30	8.17	9.07	9.97	9.97	/ ~~3~~ 1			
reaction time 0.131	interval		1.02	0.93	0.89	0.87	0.84	0.86	0.87	0.90	0.90		# of strides	3.84	2.60	2.63
wind 2.0 m/s	velocity	5.29	9.80	10.75	11.24	11.49	11.90	11.63	11.49	11.11	11.11	10.03		7.81	11.54	11.41
FINAL - 2000 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00	time	2.84	3.77	4.65	5.53	6.38		8.13		9.96	9.96	/ 2			
reaction time 0.120	interval		0.93	0.88	0.88	0.85		1.75		1.83		# of strides	3.77	2.61	
wind -0.2 m/s	velocity	7.04	10.75	11.36	11.36	11.76		11.43		10.93	10.04	46.1	7.96	11.49	
FINAL - 1996 USA Olympic Trials (Atlanta, GA)												*USATF Women's Sprint Development (1996)*			
date 15-Jun-96	time	1.87		3.85		5.58			9.06	10.01	10.01	6 / 3			
reaction time	interval			1.98		1.73			3.48	0.95		# of strides	3.85		
wind 1.1 m/s	velocity	5.35		10.10		11.56			11.49	10.53	9.99		7.79		

Duan Kaibo (CHN) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 14-Sep-24	time	1.92	2.97	3.95	4.89	5.80	6.70	7.61	8.53	9.44	10.43	10.43	3 / 1			
reaction time 0.170	interval		1.05	0.98	0.94	0.91	0.90	0.91	0.92	0.91	0.99		# of strides	3.95	2.75	2.74
wind -1.6 m/s	velocity	5.21	9.52	10.20	10.64	10.99	11.11	10.99	10.87	10.99	10.10	9.59	46.2	7.59	10.91	10.95
Heat 2 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-May-24	time	2.00	3.06	4.04		6.75	7.69	8.62	9.55	10.49	10.49	3 / 2			
reaction time 0.195	interval		1.06	0.98		2.71	0.94	0.93	0.93	0.94	PB	# of strides	4.04	2.71	2.80
wind -0.2 m/s	velocity	5.00	9.43	10.20		11.07	10.64	10.75	10.75	10.64	9.53	48.5	7.43	11.07	10.71

Dufournier, Mathias (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.28			7.21		9.22		11.22	11.22	/ 2			
reaction time	interval						2.93		2.01		2.00		# of strides	4.28	2.93	
wind -0.4 m/s	velocity			7.01			10.24		9.95		10.00	8.91		7.01	10.24	

Durant, Adrian (ISV) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	3.01	3.97	4.89		6.73		8.56		10.46	10.46	2 / 5			
reaction time 0.154	interval		0.96	0.92		1.84		1.83		1.90		# of strides	3.97	2.76	
wind -0.7 m/s	velocity	6.64	10.42	10.87		10.87		10.93		10.53	9.56		7.56	10.87	

Dvorák, Filip (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time 2.05	3.17	4.22	5.26	6.27	7.29	8.32	9.35	10.40	11.50	11.50	1 / 8			
reaction time 0.148	interval	1.12	1.05	1.04	1.01	1.02	1.03	1.03	1.05	1.10		# of strides	4.22	3.07	3.11
wind -2.1 m/s	velocity 4.88	8.93	9.52	9.62	9.90	9.80	9.71	9.71	9.52	9.09	8.70		7.11	9.77	9.65
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.16		5.23		7.23		9.28		11.44	11.44	5 / 4			
reaction time 0.150	interval			2.07		2.00		2.05		2.16		# of strides			
wind -2.7 m/s	velocity	6.33		9.66		10.00		9.76		9.26	8.74				

Dwyer, Rasheed (JAM) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		3.94			6.65		8.42		10.24	10.24	6 / 3			
reaction time	interval					2.71		1.77		1.82		# of strides	3.94	2.71	
wind 2.8 m/s	velocity		7.61			11.07		11.30		10.99	9.77		7.61	11.07	

Eaton, Ashton (USA) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	3.00		4.90		6.77		8.61		10.53	10.53	2 / 2			
reaction time 0.162	interval			1.90		1.87		1.84		1.92		# of strides			
wind 0.2 m/s	velocity	6.67		10.53		10.70		10.87		10.42	9.50				

Edagi, Ren (JPN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time		4.08			6.87			9.65	10.62	10.62	4 / 1			
reaction time	interval					2.79			2.78	0.97		# of strides	4.08	2.79	2.78
wind 0.5 m/s	velocity		7.35			10.75			10.79	10.31	9.42	50.0	7.35	10.75	10.79
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23	time		4.08			6.90			9.65	10.64	10.64	4 / 2			
reaction time	interval					2.82			2.75	0.99		# of strides	4.08	2.82	2.75
wind 0.9 m/s	velocity		7.35			10.64			10.91	10.10	9.40	49.7	7.35	10.64	10.91

Edgar, Tyrone (GBR) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.96	3.91	4.81		6.59		8.31		10.12	10.12	7 / 2			
reaction time 0.149	interval		0.95	0.90		1.78		1.72		1.81		# of strides	3.91	2.68	
wind 0.4 m/s	velocity	6.76	10.53	11.11		11.24		11.63		11.05	9.88		7.67	11.19	
Heat 10 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	3.01	3.97	4.88		6.67		8.43		10.42	10.42	1 / 2			
reaction time 0.153	interval		0.96	0.91		1.79		1.76		1.99		# of strides	3.97	2.70	
wind -0.3 m/s	velocity	6.64	10.42	10.99		11.17		11.36		10.05	9.60		7.56	11.11	
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	2.98	3.94	4.85		6.64		8.48		10.33	10.33	/ 3			
reaction time 0.136	interval		0.96	0.91		1.79		1.84		1.85		# of strides	3.94	2.70	
wind 0.2 m/s	velocity	6.71	10.42	10.99		11.17		10.87		10.81	9.68		7.61	11.11	

Edoburun, Ojie (GBR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24	time 1.97	3.03	3.99	4.89	5.77	6.63	7.51	8.39	9.28	10.18	10.18	3 / 4			
reaction time 0.177	interval	1.06	0.96	0.90	0.88	0.86	0.88	0.88	0.89	0.90		# of strides	3.99	2.64	2.65
wind 2.1 m/s	velocity 5.08	9.43	10.42	11.11	11.36	11.63	11.36	11.36	11.24	11.11	9.82		7.52	11.36	11.32
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time	3.0		4.9		6.6		8.4		10.30	10.30	5 / 3			
reaction time 0.138	interval			1.90		1.70		1.80		1.90		# of strides			

| | | |

Effiong, Daniel (NGR) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1993 IAAF World Championships (Stuttgart, GER)												*Stein (1993) - verbesserung der schnelligkeit*			
date 15-Aug-93	time		3.89			6.50		8.25		10.04	10.04	5 / 7			
reaction time 0.164	interval					2.61		1.75		1.79		# of strides	3.89	2.61	
wind 0.3 m/s	velocity		7.71			11.49		11.43		11.17	9.96	43.7	7.71	11.49	

Eichenberger, Joshua (SUI) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)												*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23	time	1.95	3.05	4.04	5.00	5.94	6.89	7.83	8.79	9.76	10.74	10.74	3 / 5		
reaction time 0.131	interval		1.10	0.99	0.96	0.94	0.95	0.94	0.96	0.97	0.98		# of strides	4.04	2.85	2.87
wind -0.8 m/s	velocity	5.13	9.09	10.10	10.42	10.64	10.53	10.64	10.42	10.31	10.20	9.31		7.43	10.53	10.45

Ejenstam, Philip (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.50			7.60		9.69		11.87	11.87	4 / 3			
reaction time	interval					3.10		2.09		2.18		# of strides	4.50	3.10	
wind 1.4 m/s	velocity		6.67			9.68		9.57		9.17	8.42		6.67	9.68	

Ekane, Fritz (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time		4.38			7.34				11.42	11.42	3 / 4			
reaction time	interval					2.96				4.08		# of strides	4.38	2.96	
wind 0.6 m/s	velocity		6.85			10.14				9.80	8.76		6.85	10.14	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time		4.27			7.20				11.29	11.29	2 / 5			
reaction time	interval					2.93				4.09		# of strides	4.27	2.93	
wind 0.7 m/s	velocity		7.03			10.24				9.78	8.86		7.03	10.24	

Ekejunia, Ruo (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												*Kishima (2022) - national high school championships biomechanics data collection*			
date 04-Aug-22	time	1.93	3.03	4.02	4.95	5.87	6.78	7.70	8.63	9.57	10.54	10.54	5 / 3		
reaction time 0.141	interval		1.10	0.99	0.93	0.92	0.91	0.92	0.93	0.94	0.97		# of strides	4.02	2.76	2.79
wind -0.6 m/s	velocity	5.18	9.09	10.10	10.75	10.87	10.99	10.87	10.75	10.64	10.31	9.49	49.0	7.46	10.87	10.75

Ekevwo, Raymond (NGR) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		2.9		4.8		6.6		8.4		10.36	10.36	5 / 7		
reaction time 0.142	interval				1.90		1.80		1.80		1.96		# of strides			
wind 0.4 m/s	velocity		6.90		10.53		11.11		11.11		10.20	9.65	46.0			
FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR)												*Track Newsletter (2021) - NCAA men's indoor championships*			
date 13-Mar-21	time				3.85				6.54			6.54	/ 2		
reaction time 0.160	interval						2.69						# of strides	3.85	2.69	
	velocity				7.79		11.15					9.17		7.79	11.15	

Ekholm, Andrej (SWE) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.39			7.50		9.60		11.80	11.80	/ 6			
reaction time	interval					3.11		2.10		2.20		# of strides	4.39	3.11	
wind 1.4 m/s	velocity		6.83			9.65		9.52		9.09	8.47		6.83	9.65	
F FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.29			7.35		9.40		11.55	11.55	6 / 6			
reaction time	interval					3.06		2.05		2.15		# of strides	4.29	3.06	
wind 1.6 m/s	velocity		6.99			9.80		9.76		9.30	8.66		6.99	9.80	
D FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		4.31			7.30		9.31		11.40	11.40	/ 4			
reaction time	interval					2.99		2.01		2.09		# of strides	4.31	2.99	
wind 2.8 m/s	velocity		6.96			10.03		9.95		9.57	8.77		6.96	10.03	

Ekpo, Nskiak (NED) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 FBK Games (Hengelo, NED)												*Omega Timing (2024) - diamond league race analysis*			
date 07-Jul-24	time	1.93	3.04	4.03	4.97	5.90	6.83	7.75	8.65	9.58	10.49	10.49	5 / 1		
reaction time 0.141	interval		1.11	0.99	0.94	0.93	0.93	0.92	0.90	0.93	0.91		# of strides	4.03	2.80	2.75
wind -0.6 m/s	velocity	5.18	9.01	10.10	10.64	10.75	10.75	10.87	11.11	10.75	10.99	9.53		7.44	10.71	10.91
National - Heat 1 - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23	time	1.93	3.02	3.98	4.91	5.81	6.71	7.61	8.51	9.42	10.35	10.35	8 / 1		
reaction time 0.141	interval		1.09	0.96	0.93	0.90	0.90	0.90	0.90	0.91	0.93	PB	# of strides	3.98	2.73	2.71

wind	0.1 m/s	velocity	5.18	9.17	10.42	10.75	11.11	11.11	11.11	11.11	10.99	10.75	9.66		7.54	10.99	11.07

Elcock, Jerod (TTO) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)											*Longines Timing (2022) - commonwealth games race analysis*				
date 03-Aug-22	time	2.9		4.8		6.6		8.5		10.38	10.38	4 / 6			
reaction time 0.124	interval			1.90		1.80		1.90		1.88		# of strides			
wind -1.2 m/s	velocity	6.90		10.53		11.11		10.53		10.64	9.63	48.2			

Ellis, Nigel (JAM) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)											*Omega Timing (2022) - diamond league race analysis*				
date 09-Jun-22	time	2.94		4.81		6.56		8.33		10.17	10.17	1 / 4			
reaction time 0.131	interval			1.87		1.75		1.77		1.84		# of strides			
wind -0.2 m/s	velocity	6.80		10.70		11.43		11.30		10.87	9.83	49.0			

Elofsson, Fredrik (SWE) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)											*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date 20-Jul-94	time		4.04			6.87		8.75		10.68	10.68	/ 5			
reaction time	interval					2.83		1.88		1.93		# of strides	4.04	2.83	
wind 1.8 m/s	velocity		7.43			10.60		10.64		10.36	9.36		7.43	10.60	

Elvung-Nilsson, Viktor (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2012 Windsprint (Sundsvall, SWE)											*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*				
date 17-Jun-12	time		4.30			7.24		9.18		11.17	11.17	/ 1			
reaction time	interval					2.94		1.94		1.99		# of strides	4.30	2.94	
wind 1.4 m/s	velocity		6.98			10.20		10.31		10.05	8.95		6.98	10.20	

Emedolu, Uchenna (NGR) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 ISTAF (Berlin, GER)											*Graubner (2009) - http://www.fgs.uni-halle.de*				
date 31-Aug-01	time	3.00	3.94	4.83		6.58		8.32		10.11	10.11	/ 3			
reaction time 0.172	interval		0.94	0.89		1.75		1.74		1.79	PB	# of strides	3.94	2.64	
wind 0.6 m/s	velocity	6.67	10.64	11.24		11.43		11.49		11.17	9.89		7.61	11.36	

Emelieze, Peter (NGR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)											*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*				
date 10-Feb-09	time		3.89		5.72	6.63					6.63	3 / 2			
reaction time 0.104	interval				1.83	0.91						# of strides	3.89	2.74	
	velocity		7.71		10.93	10.99					9.05	31.0	7.71	10.95	
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)											*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*				
date 10-Feb-09	time		3.91		5.73	6.64					6.64	7 / 2			
reaction time 0.136	interval				1.82	0.91						# of strides	3.91	2.73	
	velocity		7.67		10.99	10.99					9.04	30.7	7.67	10.99	

Emmelmann, Frank (GDR) (1961)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1982 East German Spitzenklasse (Cottbus, GDR)											*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*				
date 21-Aug-82	time		3.99			6.66		8.42		10.20	10.20	/ 1			
reaction time	interval					2.67		1.76		1.78		# of strides	3.99	2.67	
wind 1.7 m/s	velocity		7.52			11.24		11.36		11.24	9.80		7.52	11.24	
FINAL - 1980 Olympischen Tag (East Berlin, GDR)											*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*				
date 28-May-80	time		4.12			6.86		8.67		10.51	10.51	/ 5			
reaction time	interval					2.74		1.81		1.84		# of strides	4.12	2.74	
wind -0.5 m/s	velocity		7.28			10.95		11.05		10.87	9.51		7.28	10.95	

Engberg, Johan (SWE) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)											*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date 24-Jul-07	time		4.09			6.90		8.76		10.70	10.70	/ 5			
reaction time	interval					2.81		1.86		1.94		# of strides	4.09	2.81	
wind 1.4 m/s	velocity		7.33			10.68		10.75		10.31	9.35		7.33	10.68	

Engel, Roscoe (RSA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2013 Windsprint (Sundsvall, SWE)											*(2013) - www.ssg.se/windsprint/Splittider/*				
date 28-Jul-13	time		4.02			6.68		8.43		10.20	10.20	8 / 4			
reaction time	interval					2.66		1.75		1.77		# of strides	4.02	2.66	
wind 3.0 m/s	velocity		7.46			11.28		11.43		11.30	9.80	44.5	7.46	11.28	
Heat 8 - 2013 Windsprint (Sundsvall, SWE)											*(2013) - www.ssg.se/windsprint/Splittider/*				
date 28-Jul-13	time		4.07			6.77		8.54		10.34	10.34	2 / 3			
reaction time	interval					2.70		1.77		1.80		# of strides	4.07	2.70	
wind 1.8 m/s	velocity		7.37			11.11		11.30		11.11	9.67		7.37	11.11	

Engwall, Andreas (SWE) (1992)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.09	6.96	8.83	10.78	10.78	5 / 4			
reaction time		interval		2.87	1.87	1.95		# of strides	4.09	2.87	
wind	3.1 m/s	velocity	7.33	10.45	10.70	10.26	9.28		7.33	10.45	

B FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.13	6.98	8.89	10.88	10.88	7 / 7			
reaction time		interval		2.85	1.91	1.99		# of strides	4.13	2.85	
wind	1.1 m/s	velocity	7.26	10.53	10.47	10.05	9.19		7.26	10.53	

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time	4.16	7.01	8.90	10.85	10.85	/ 3			
reaction time		interval		2.85	1.89	1.95		# of strides	4.16	2.85	
wind	2.8 m/s	velocity	7.21	10.53	10.58	10.26	9.22		7.21	10.53	

D FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time	4.16	7.05	8.98	10.99	10.99	7 / 7			
reaction time		interval		2.89	1.93	2.01		# of strides	4.16	2.89	
wind	1.6 m/s	velocity	7.21	10.38	10.36	9.95	9.10		7.21	10.38	

Erasmus, Emile (RSA) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2022) - diamond league race analysis*			
date 09-Jun-22	time	2.96		4.80		6.57		8.35		10.22	10.22	9 / 5			
reaction time 0.142	interval			1.84		1.77		1.78		1.87		# of strides			
wind -0.2 m/s	velocity	6.76		10.87		11.30		11.24		10.70	9.78	44.0			
FINAL - 2022 FBK Games (Hengelo, NED)												*Omega Timing (2022) - continental tour race analysis*			
date 06-Jun-22	time	2.9		4.8		6.5		8.3		10.35	10.25	6 / 3			
reaction time 0.137	interval			1.90		1.70		1.80		2.05		# of strides			
wind -0.3 m/s	velocity	6.90		10.53		11.76		11.11		9.76	9.76	44.5			

Erewa, Robin (GER) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10	time	3.14	4.12	5.05		6.90		8.74		10.63	10.63	/ 1			
reaction time	interval		0.98	0.93		1.85		1.84		1.89	PB	# of strides	4.12	2.78	
wind 0.5 m/s	velocity	6.37	10.20	10.75		10.81		10.87		10.58	9.41		7.28	10.79	
Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10	time	3.15	4.14	5.08		6.92		8.77		10.65	10.65	/ 1			
reaction time	interval		0.99	0.94		1.84		1.85		1.88		# of strides	4.14	2.78	
wind 1.0 m/s	velocity	6.35	10.10	10.64		10.87		10.81		10.64	9.39		7.25	10.79	

Eriguchi, Masashi (JPN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date 29-Apr-14	time	1.90	2.96	3.90	4.81	5.69	6.57	7.45	8.35	9.28	10.24	10.24	6 / 2			
reaction time	interval		1.06	0.94	0.91	0.88	0.88	0.88	0.90	0.93	0.96		# of strides	3.90	2.67	2.71
wind 2.0 m/s	velocity	5.26	9.43	10.64	10.99	11.36	11.36	11.36	11.11	10.75	10.42	9.77	48.5	7.69	11.24	11.07
Race C - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14	time	1.95	3.00	3.95	4.87	5.78	6.70	7.62	8.56	9.52	10.49	10.49	/ 2			
reaction time	interval		1.05	0.95	0.92	0.91	0.92	0.92	0.94	0.96	0.97		# of strides	3.95	2.75	2.82
wind 0.6 m/s	velocity	5.13	9.52	10.53	10.87	10.99	10.87	10.87	10.64	10.42	10.31	9.53		7.59	10.91	10.64
Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14	time	1.97	3.06	4.03	4.96	5.87	6.79	7.73	8.68	9.67	10.70	10.70	4 / 8			
reaction time	interval		1.09	0.97	0.93	0.91	0.92	0.94	0.95	0.99	1.03		# of strides	4.03	2.76	2.88
wind 1.9 m/s	velocity	5.08	9.17	10.31	10.75	10.99	10.87	10.64	10.53	10.10	9.71	9.35	48.0	7.44	10.87	10.42
FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date 29-Apr-13	time	1.89	2.92	3.86	4.75	5.63	6.51	7.38	8.28	9.20	10.15	10.15	3 / 3			
reaction time	interval		1.03	0.94	0.89	0.88	0.88	0.87	0.90	0.92	0.95		# of strides	3.86	2.65	2.69
wind 2.7 m/s	velocity	5.29	9.71	10.64	11.24	11.36	11.36	11.49	11.11	10.87	10.53	9.85	48.0	7.77	11.32	11.15
Heat 4 - 2010 Japanese National Championships (Marugame, JPN)												*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*			
date 05-Jun-10	time	1.91	2.95	3.89	4.78	5.66	6.53	7.41	8.30	9.22	10.16	10.16	5 / 1			
reaction time 0.116	interval		1.04	0.94	0.89	0.88	0.87	0.88	0.89	0.92	0.94		# of strides	3.89	2.64	2.69
wind 1.8 m/s	velocity	5.24	9.62	10.64	11.24	11.36	11.49	11.36	11.24	10.87	10.64	9.84	47.9	7.71	11.36	11.15
FINAL - 2009 Japanese National University Championsips (Tokyo, JPN)												*Tajima (2010) - research on the scientific data utilization model and development process of 100m performance*			
date 05-Sep-09	time		3.89			6.55				10.13	10.13	/ 1			
reaction time	interval					2.66				3.58		# of strides	3.89	2.66	
wind 1.2 m/s	velocity		7.71			11.28				11.17	9.87	48.1	7.71	11.28	

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

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.98	3.94	4.86	6.71	8.56	10.45	10.45	1 / 8				
reaction time	0.123	interval			0.96	0.92	1.85	1.85	1.89		# of strides	3.94	2.77		
wind	-0.7 m/s	velocity		6.71	10.42	10.87	10.81	10.81	10.58	9.57		7.61	10.83		

Heat 2 - 2009 IAAF World Championships (Berlin, GER) *Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter*

date	15-Aug-09	time	1.94	2.97	3.94	4.86	5.76	6.66	7.56	8.47	9.41	10.38	10.38	2 / 3			
reaction time	0.131	interval		1.03	0.97	0.92	0.90	0.90	0.90	0.91	0.94	0.97		# of strides	3.94	2.72	2.75
wind	-0.2 m/s	velocity	5.15	9.71	10.31	10.87	11.11	11.11	11.11	10.99	10.64	10.31	9.63		7.61	11.03	10.91

FINAL - 2009 Japanese National Championships (Hiroshima, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	28-Jun-09	time			3.90		6.54		10.09	10.14	/ 1				
reaction time		interval					2.64		3.55		# of strides	3.90	2.64		
wind	1.9 m/s	velocity			7.69		11.36		11.27	9.86	45.6	7.69	11.36		

Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	28-Jun-09	time	1.91	2.94	3.86	4.74	5.61	6.48	7.35	8.24	9.14	10.07	10.07	3 / 1			
reaction time		interval		1.03	0.92	0.88	0.87	0.87	0.87	0.89	0.90	0.93	PB	# of strides	3.86	2.62	2.66
wind	1.9 m/s	velocity	5.24	9.71	10.87	11.36	11.49	11.49	11.49	11.24	11.11	10.75	9.93	45.5	7.77	11.45	11.28

FINAL - 2007 Japanese National Championships (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.94	3.03	3.99	4.91	5.83	6.75	7.67	8.61	9.56	10.53	10.53	/ 5			
reaction time		interval		1.09	0.96	0.92	0.92	0.92	0.92	0.94	0.95	0.97		# of strides	3.99	2.76	2.81
wind	-0.3 m/s	velocity	5.15	9.17	10.42	10.87	10.87	10.87	10.87	10.64	10.53	10.31	9.50		7.52	10.87	10.68

Eriksson, Daniel (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

H FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.53		7.70		9.78		11.98	11.98	7 / 4				
reaction time		interval					3.17		2.08		2.20		# of strides	4.53	3.17		
wind	1.8 m/s	velocity			6.62		9.46		9.62		9.09	8.35		6.62	9.46		

F FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.52		7.70		9.83		12.07	12.07	/ 1				
reaction time		interval					3.18		2.13		2.24		# of strides	4.52	3.18		
wind	1.2 m/s	velocity			6.64		9.43		9.39		8.93	8.29		6.64	9.43		

Eriksson, Dennis (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

H FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.60		7.64		9.73		11.89	11.89	6 / 3				
reaction time		interval					3.04		2.09		2.16		# of strides	4.60	3.04		
wind	1.8 m/s	velocity			6.52		9.87		9.57		9.26	8.41		6.52	9.87		

Eriksson, Torbjörn (SWE) (1971)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1994 (Tønsberg, NOR) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	20-Jul-94	time			3.98		6.69		8.48		10.35	10.35	/ 6				
reaction time		interval					2.71		1.79		1.87	PB	# of strides	3.98	2.71		
wind	1.8 m/s	velocity			7.54		11.07		11.17		10.70	9.66		7.54	11.07		

Erius, Jeff (FRA) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Meeting de Paris (Paris, FRA) *Omega Timing (2022) - diamond league race analysis*

date	18-Jun-22	time		3.07		4.98		6.84		8.71		10.62	10.62	6 / 8			
reaction time	0.160	interval				1.91		1.86		1.87		1.91		# of strides			
wind	-1.6 m/s	velocity		6.51		10.47		10.75		10.70		10.47	9.42				

Ernst, Sebastian (GER) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time		3.04	4.03	4.97	6.81	8.71	10.59	10.59	/ 4				
reaction time	0.177	interval			0.99	0.94	1.84	1.90	1.88		# of strides	4.03	2.78		
wind	1.5 m/s	velocity		6.58	10.10	10.64	10.87	10.53	10.64	9.44		7.44	10.79		

Ertzgaard, John (NOR) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.33		7.29		9.27		11.34	11.34	/ 7				
reaction time		interval					2.96		1.98		2.07		# of strides	4.33	2.96		
wind	1.1 m/s	velocity			6.93		10.14		10.10		9.66	8.82		6.93	10.14		

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		3.03	4.01	4.94	6.75	8.57	10.45	10.45	/ 8				
reaction time	0.138	interval			0.98	0.93	1.81	1.82	1.88		# of strides	4.01	2.74		
wind	0.1 m/s	velocity		6.60	10.20	10.75	11.05	10.99	10.64	9.57		7.48	10.95		

Eseme, Emmanuel (CMR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 03-May-25 time	1.86	3.01	3.95	4.86	5.73	6.60	7.46	8.32	9.19	10.07	10.07	2 / 4			
reaction time 0.144 interval		1.15	0.94	0.91	0.87	0.87	0.86	0.86	0.87	0.88		# of strides	3.95	2.65	2.59
wind 0.5 m/s velocity	5.38	8.70	10.64	10.99	11.49	11.49	11.63	11.63	11.49	11.36	9.93	44.0	7.59	11.32	11.58
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	2.00	3.05	4.00	4.91	5.78	6.64	7.51	8.39	9.28	10.19	10.19	8 / 6			
reaction time 0.166 interval		1.05	0.95	0.91	0.87	0.86	0.87	0.88	0.89	0.91		# of strides	4.00	2.64	2.64
wind 0.2 m/s velocity	5.00	9.52	10.53	10.99	11.49	11.63	11.49	11.36	11.24	10.99	9.81	44.0	7.50	11.36	11.36
FINAL - 2024 Memorial van damme (Brussels, BEL)												*Omega Timing (2024) - diamond league race analysis*			
date 13-Sep-24 time	1.98	3.03	3.97	4.87	5.74	6.60	7.46	8.34	9.20	10.09	10.09	8 / 4			
reaction time 0.195 interval		1.05	0.94	0.90	0.87	0.86	0.86	0.88	0.86	0.89		# of strides	3.97	2.63	2.60
wind 0.1 m/s velocity	5.05	9.52	10.64	11.11	11.49	11.63	11.63	11.36	11.63	11.24	9.91	44.0	7.56	11.41	11.54
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.96	3.03	3.97	4.87	5.73	6.58	7.45	8.29	9.14	10.00	10.00	7 / 4			
reaction time 0.154 interval		1.07	0.94	0.90	0.86	0.85	0.87	0.84	0.85	0.86		# of strides	3.97	2.61	2.56
wind 0.7 m/s velocity	5.10	9.35	10.64	11.11	11.63	11.76	11.49	11.90	11.76	11.63	10.00	44.0	7.56	11.49	11.72
Heat 7 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.96	3.00	3.96	4.86	5.72	6.57	7.42	8.26	9.13	9.98	9.98	1 / 2			
reaction time 0.154 interval		1.04	0.96	0.90	0.86	0.85	0.85	0.84	0.87	0.85		# of strides	3.96	2.61	2.56
wind 0.3 m/s velocity	5.10	9.62	10.42	11.11	11.63	11.76	11.76	11.90	11.49	11.76	10.02	44.5	7.58	11.49	11.72
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	1.94	2.99	3.94	4.86	5.75	6.63	7.51	8.39	9.28	10.16	10.16	4 / 1			
reaction time 0.138 interval		1.05	0.95	0.92	0.89	0.88	0.88	0.88	0.89	0.88		# of strides	3.94	2.69	2.65
wind -1.0 m/s velocity	5.15	9.52	10.53	10.87	11.24	11.36	11.36	11.36	11.24	11.36	9.84	45.0	7.61	11.15	11.32
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)												*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	1.91	2.97	3.91	4.81	5.68	6.54	7.38	8.24	9.09	9.98	9.98	1 / 3			
reaction time 0.141 interval		1.06	0.94	0.90	0.87	0.86	0.84	0.86	0.85	0.89		# of strides	3.91	2.63	2.55
wind 0.0 m/s velocity	5.24	9.43	10.64	11.11	11.49	11.63	11.90	11.63	11.76	11.24	10.02	44.2	7.67	11.41	11.76
FINAL - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.9		6.6		8.4		10.24	10.24	5 / 7			
reaction time				1.90		1.70		1.80		1.84		# of strides			
wind -0.9 m/s velocity		6.67		10.53		11.76		11.11		10.87	9.77	44.7			
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.8		6.6		8.3		10.14	10.14	6 / 2			
reaction time 0.172 interval				1.80		1.80		1.70		1.84		# of strides			
wind -1.2 m/s velocity		6.67		11.11		11.11		11.76		10.87	9.86	45.0			

Espinosa, Reynaldo R. (CUB) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.91	3.00	3.96	4.87	5.77	6.64	7.52	8.41	9.31	10.21	10.21	1 / 9			
reaction time 0.144 interval		1.09	0.96	0.91	0.90	0.87	0.88	0.89	0.90	0.90		# of strides	3.96	2.68	2.67
wind 0.0 m/s velocity	5.24	9.17	10.42	10.99	11.11	11.49	11.36	11.24	11.11	11.11	9.79	47.0	7.58	11.19	11.24
Heat 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.96	3.05	3.98	4.87	5.75	6.61	7.49	8.36	9.26	10.11	10.11	1 / 3			
reaction time 0.151 interval		1.09	0.93	0.89	0.88	0.86	0.88	0.87	0.90	0.85		# of strides	3.98	2.63	2.65
wind 0.6 m/s velocity	5.10	9.17	10.75	11.24	11.36	11.63	11.36	11.49	11.11	11.76	9.89	47.0	7.54	11.41	11.32

Essabai, Ahmed (LBA) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	2.25	3.44	4.52	5.55	6.58	7.61	8.65	9.71	10.80	11.89	11.89	7 / 8			
reaction time 0.306 interval		1.19	1.08	1.03	1.03	1.03	1.04	1.06	1.09	1.09		# of strides	4.52	3.09	3.19
wind 0.2 m/s velocity	4.44	8.40	9.26	9.71	9.71	9.71	9.62	9.43	9.17	9.17	8.41		6.64	9.71	9.40

Ewertzh, Jacob (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15 time						7.01				10.96	10.96	8 / 6			
reaction time										3.95		# of strides			
wind 0.6 m/s velocity						8.56				10.13	9.12				

Éyana, Jérôme (FRA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.09	4.06	4.99		6.80		8.61		10.48	10.48	/ 2			

reaction time	0.169	interval		0.97	0.93		1.81		1.81		1.87		# of strides	4.06	2.74	
wind	1.3 m/s	velocity	6.47	10.31	10.75		11.05		11.05		10.70	9.54		7.39	10.95	

Ezaki, Yuto (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date 03-Aug-23 time	2.02	3.17	4.20	5.18	6.15	7.11	8.07	9.04	10.02	11.02	11.02	8 / 7			
reaction time 0.202 interval		1.15	1.03	0.98	0.97	0.96	0.96	0.97	0.98	1.00		# of strides	4.20	2.91	2.91
wind -2.7 m/s velocity	4.95	8.70	9.71	10.20	10.31	10.42	10.42	10.31	10.20	10.00	9.07		7.14	10.31	10.31

Ezinwa, Davidson (NGR) (1971)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 IAAF World Championships (Athens, GRE)												*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
date 03-Aug-97 time	1.77	2.82	3.76	4.65	5.52	6.39	7.26	8.14	9.03	9.96	10.10	5 / 6			
reaction time 0.135 interval		1.05	0.94	0.89	0.87	0.87	0.87	0.88	0.89	0.93		# of strides	3.76	2.63	2.64
wind 0.2 m/s velocity	5.65	9.52	10.64	11.24	11.49	11.49	11.49	11.36	11.24	10.75	9.90	46.3	7.98	11.41	11.36

FINAL - 1992 Olympic Games (Barcelona, ESP)												*Arnold (1992) - 1992 Olympic report: 100m men*			
date 1-Aug-92 time		2.99		4.84		6.62		8.42		10.26	10.26	7 / 8			
reaction time 0.172 interval				1.85		1.78		1.80		1.84		# of strides			
wind 0.5 m/s velocity		6.69		10.81		11.24		11.11		10.87	9.75	46.0			

Fahmi, Muhd Azeem (MAS) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.94	3.03	4.00	4.91	5.81	6.71	7.61	8.54	9.48	10.45	10.45	8 / 9			
reaction time 0.158 interval		1.09	0.97	0.91	0.90	0.90	0.90	0.93	0.94	0.97		# of strides	4.00	2.71	2.77
wind 0.2 m/s velocity	5.15	9.17	10.31	10.99	11.11	11.11	11.11	10.75	10.64	10.31	9.57	45.5	7.50	11.07	10.83

Prelim 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.96	3.02	3.98	4.90	5.79	6.70	7.60	8.51	9.45	10.42	10.42	3 / 2			
reaction time 0.172 interval		1.06	0.96	0.92	0.89	0.91	0.90	0.91	0.94	0.97		# of strides	3.98	2.72	2.75
wind 0.6 m/s velocity	5.10	9.43	10.42	10.87	11.24	10.99	11.11	10.99	10.64	10.31	9.60	46.0	7.54	11.03	10.91

Fall, Mouhamadou (FRA) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22 time		3.03		4.89		6.67		8.45		10.24	10.24	8 / 5			
reaction time 0.152 interval				1.86		1.78		1.78		1.79		# of strides			
wind -0.5 m/s velocity		6.60		10.75		11.24		11.24		11.17	9.77	46.0			

FINAL - 2022 Meeting de Paris (Paris, FRA)												*Omega Timing (2022) - diamond league race analysis*			
date 18-Jun-22 time		2.98		4.87		6.68		8.48		10.32	10.32	5 / 2			
reaction time 0.142 interval				1.89		1.81		1.80		1.84		# of strides			
wind -1.6 m/s velocity		6.71		10.58		11.05		11.11		10.87	9.69				

FINAL - 2021 Memorial van Damme (Brussels, BEL)												*Omega Timing (2021) - diamond league race analysis*			
date 03-Sep-21 time		3.0		4.9		6.7		8.4		10.19	10.19	8 / 7			
reaction time 0.147 interval				1.90		1.80		1.70		1.79		# of strides			
wind 0.1 m/s velocity		6.67		10.53		11.11		11.76		11.17	9.81	46.0			

National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21 time		3.0		4.9		6.7		8.4		10.16	10.16	5 / 2			
reaction time 0.154 interval				1.90		1.80		1.70		1.76		# of strides			
wind 0.5 m/s velocity		6.67		10.53		11.11		11.76		11.36	9.84	44.5			

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2020) - diamond league race analysis*			
date 17-Sep-20 time		3.1		4.9		6.7		8.5		10.29	10.29	1 / 8			
reaction time 0.143 interval				1.80		1.80		1.80		1.79		# of strides			
wind 0.3 m/s velocity		6.45		11.11		11.11		11.11		11.17	5.83	45.7			

Fang Haoyang (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	1.97	3.08	4.10	5.09	6.05	7.02	8.00	9.00	9.99	11.04	11.04	9 / 5			
reaction time 0.141 interval		1.11	1.02	0.99	0.96	0.97	0.98	1.00	0.99	1.05	**PB**	# of strides	4.10	2.92	2.97
wind 0.3 m/s velocity	5.08	9.01	9.80	10.10	10.42	10.31	10.20	10.00	10.10	9.52	9.06		7.32	10.27	10.10

Fasuba, Olusoji (NGR) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.96	3.91	4.81		6.62		8.40		10.25	10.25	4 / 6			
reaction time 0.174 interval			0.95	0.90		1.81		1.78		1.85		# of strides	3.91	2.71	
wind -0.4 m/s velocity		6.76	10.53	11.11		11.05		11.24		10.81	9.76		7.67	11.07	

Heat 4 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		3.01	3.96	4.87		6.67		8.45		10.31	10.31	1 / 2			
reaction time 0.176 interval			0.95	0.91		1.80		1.78		1.86		# of strides	3.96	2.71	

wind	-0.1 m/s	velocity		6.64	10.53	10.99		11.11		11.24		10.75	9.70		7.58	11.07

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	26-Aug-07	time	1.90	2.94	3.89	4.78	5.67	6.56	7.44	8.34	9.25	10.18	10.18	9 / 4		
reaction time	0.140	interval		1.04	0.95	0.89	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.89	2.67	2.69
wind	0.1 m/s	velocity	5.26	9.62	10.53	11.24	11.24	11.24	11.36	11.11	10.99	10.75	9.82	47.0	7.71	11.24	11.15

Quarter-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	25-Aug-07	time	1.94	2.99	3.93	4.83	5.72	6.60	7.49	8.39	9.30	10.24	10.24	9 / 3		
reaction time	0.181	interval		1.05	0.94	0.90	0.89	0.88	0.89	0.90	0.91	0.94		# of strides	3.93	2.67	2.70
wind	-0.5 m/s	velocity	5.15	9.52	10.64	11.11	11.24	11.36	11.24	11.11	10.99	10.64	9.77	46.6	7.63	11.24	11.11

Heat 2 - 2007 IAAF World Championships (Osaka, JPN) *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	25-Aug-07	time	1.95	3.02	3.96	4.87	5.76	6.65	7.54	8.44	9.36	10.27	10.27	9 / 4		
reaction time	0.190	interval		1.07	0.94	0.91	0.89	0.89	0.89	0.90	0.92	0.91		# of strides	3.96	2.69	2.71
wind	1.0m/s	velocity	5.13	9.35	10.64	10.99	11.24	11.24	11.24	11.11	10.87	10.99	9.74		7.58	11.15	11.07

FINAL - 2006 Qatar Super Grand Prix (Doha, QAT) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	12-May-06	time	1.83	2.85	3.79	4.65	5.50	6.35	7.21	8.08	8.96	9.85	9.85	/ ~~2~~ 1		
reaction time	0.158	interval		1.02	0.94	0.86	0.85	0.85	0.86	0.87	0.88	0.89	AR	# of strides	3.79	2.56	2.61
wind	1.7 m/s	velocity	5.46	9.80	10.64	11.63	11.76	11.76	11.63	11.49	11.36	11.24	10.15	45.7	7.92	11.72	11.49

Fau, Štepán (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.32		5.43		7.46		9.49		11.52	11.52	6 / 5			
reaction time 0.219	interval			2.11		2.03		2.03		2.03		# of strides			
wind -1.7 m/s	velocity	6.02		9.48		9.85		9.85		9.85	8.68				

Fedoriv, Andrey (RUS) (1963)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time 1.98		3.97			6.62				10.19	10.19	/ 3			
reaction time	interval		1.99			2.65				3.57	PB	# of strides	3.97	2.65	
wind 0.2 m/s	velocity 5.05		10.05			11.32				11.20	9.81		7.56	11.32	

Feher, Jan (CZE) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.15		5.22		7.18		9.18		11.21	11.21	2 / 6			
reaction time 0.148	interval			2.07		1.96		2.00		2.03		# of strides			
wind -1.2 m/s	velocity	6.35		9.66		10.20		10.00		9.85	8.92				

Feigel, Jirí (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time 2.10	3.21	4.24	5.24	6.22	7.19	8.17	9.18	10.19	11.23	11.23	3 / 4			
reaction time 0.154	interval	1.11	1.03	1.00	0.98	0.97	0.98	1.01	1.01	1.04		# of strides	4.24	2.95	3.00
wind -2.1 m/s	velocity 4.76	9.01	9.71	10.00	10.20	10.31	10.20	9.90	9.90	9.62	8.90		7.08	10.17	10.00

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.20		5.25		7.23		9.22		11.32	11.32	3 / 2		
reaction time	0.174	interval				2.05		1.98		1.99		2.10		# of strides		
wind	-4.2 m/s	velocity		6.25		9.76		10.10		10.05		9.52	8.83			

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

date	15-Jun-13	time		3.17		5.18		7.13		9.15		11.23	11.23	1 / 7		
reaction time	0.177	interval				2.01		1.95		2.02		2.08		# of strides		
wind	-3.2 m/s	velocity		6.31		9.95		10.26		9.90		9.62	8.90			

Feng Jinzhou (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 13-May-24	time 1.98	3.03	4.01	4.93	5.84	6.75	7.65	8.58	9.51	10.67	10.67	5 / 1			
reaction time 0.175	interval	1.05	0.98	0.92	0.91	0.91	0.90	0.93	0.93	1.16		# of strides	4.01	2.74	2.76
wind -0.3 m/s	velocity 5.05	9.52	10.20	10.87	10.99	10.99	11.11	10.75	10.75	8.62	9.37	47.0	7.48	10.95	10.87

FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.98	3.00	3.97	4.91	5.80	6.75					6.75	8 / 7		
reaction time	0.156	interval		1.02	0.97	0.94	0.89	0.95						# of strides	3.97	2.78	
		velocity	5.05	9.80	10.31	10.64	11.24	10.53					8.89	30.0	7.56	10.79	

Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.96	2.98	3.94	4.86	5.76	6.70					6.70	6 / 4		
reaction time	0.160	interval		1.02	0.96	0.92	0.90	0.94						# of strides	3.94	2.76	
		velocity	5.10	9.80	10.42	10.87	11.11	10.64					8.96	30.0	7.61	10.87	

FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.95	2.99	3.97	4.90	5.82	6.71				6.71	2 / 3		
reaction time	0.164	interval		1.04	0.98	0.93	0.92	0.89					# of strides	3.97	2.74
		velocity	5.13	9.62	10.20	10.75	10.87	11.24				8.94	30.2	7.56	10.95

Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.95	2.99	3.96	4.89	5.81	6.72				6.72	5 / 3		
reaction time	0.165	interval		1.04	0.97	0.93	0.92	0.91					# of strides	3.96	2.76
		velocity	5.13	9.62	10.31	10.75	10.87	10.99				8.93	30.2	7.58	10.87

Heat 1 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.98	3.06	4.04	4.96	5.89	6.81	7.74	8.69	9.66	10.66	10.66	3 / 3		
reaction time		interval		1.08	0.98	0.92	0.93	0.92	0.93	0.95	0.97	1.00		# of strides	4.04	2.77	2.85
wind	-0.4 m/s	velocity	5.05	9.26	10.20	10.87	10.75	10.87	10.75	10.53	10.31	10.00	9.38	47.0	7.43	10.83	10.53

Feo, Frutos (ESP) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	2.00		4.02			6.70				10.38	10.38	/ 6			
reaction time	interval			2.02			2.68				3.68		# of strides	4.02	2.68	
wind 0.2 m/s	velocity	5.00		9.90			11.19				10.87	9.63		7.46	11.19	

Fini, Cédric (NED) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat 1 - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23	time	1.98	3.08	4.08	5.04	5.97	6.88	7.80	8.72	9.65	10.59	10.59	2 / 5			
reaction time 0.139	interval		1.10	1.00	0.96	0.93	0.91	0.92	0.92	0.93	0.94		# of strides	4.08	2.80	2.77
wind 0.1 m/s	velocity	5.05	9.09	10.00	10.42	10.75	10.99	10.87	10.87	10.75	10.64	9.44		7.35	10.71	10.83

Fisher, Andrew (BRN) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Asian Athletics Championships (Doha, QAT)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 22-Apr-19	time	1.86	2.91	3.85	4.76	5.65	6.54	7.43	8.33	9.26	10.20	10.20	5 / 4			
reaction time 0.140	interval		1.05	0.94	0.91	0.89	0.89	0.89	0.90	0.93	0.94		# of strides	3.85	2.69	2.72
wind 1.5 m/s	velocity	5.38	9.52	10.64	10.99	11.24	11.24	11.24	11.11	10.75	10.64	9.80	46.2	7.79	11.15	11.03

Fisher, Andrew (JAM) (1991)

A FINAL - 2014 Windsprint (Sundsvall, SWE)													*(2014) - www.ssg.se/windsprint/Splittider/*		
date	20-Jul-14	time			3.90			6.58		8.40		10.32	10.32	5 / ~~5~~ 4		
reaction time		interval						2.68		1.82		1.92		# of strides	3.90	2.68
wind	1.5 m/s	velocity			7.69			11.19		10.99		10.42	9.69		7.69	11.19
A FINAL - 2013 Windsprint (Sundsvall, SWE)													*(2013) - www.ssg.se/windsprint/Splittider/*		
date	28-Jul-13	time			3.90			6.54		8.31		10.16	10.16	6 / 3		
reaction time		interval						2.64		1.77		1.85		# of strides	3.90	2.64
wind	3.0 m/s	velocity			7.69			11.36		11.30		10.81	9.84	44.5	7.69	11.36

Fiti, Scott James (FSM) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	2.05	3.20	4.23	5.25	6.26	7.29	8.34	9.40	10.49	11.61	11.61	8 / 7			
reaction time 0.185	interval		1.15	1.03	1.02	1.01	1.03	1.05	1.06	1.09	1.12		# of strides	4.23	3.06	3.20
wind 0.2 m/s	velocity	4.88	8.70	9.71	9.80	9.90	9.71	9.52	9.43	9.17	8.93	8.61		7.09	9.80	9.38

Florence, Derrick (USA) (1968)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 17-Jul-86	time	1.93	3.00	3.97	4.83	5.72	6.61	7.46	8.43	9.25	10.17	10.17	/ 1			
reaction time	interval		1.07	0.97	0.86	0.89	0.89	0.85	0.97	0.82	0.92	CR	# of strides	3.97	2.64	2.64
wind 0.8 m/s	velocity	5.18	9.35	10.31	11.63	11.24	11.24	11.76	10.31	12.20	10.87	9.83		7.56	11.36	11.36

Fongué, Rolf (SUI) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 07-May-16	time				5.92					10.75	10.75	/ 3			
reaction time	interval									4.83		# of strides			
wind 0.9 m/s	velocity				8.45					10.35	9.30				

Forde, Ryiem (JAM) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24	time		2.93	3.90	4.82	5.72	6.61	7.50	8.40	9.31	10.22	10.22	6 / 4			
reaction time 0.130	interval			0.97	0.92	0.90	0.89	0.89	0.90	0.91	0.91		# of strides	3.90	2.71	2.70
wind -1.0 m/s	velocity		6.83	10.31	10.87	11.11	11.24	11.24	11.11	10.99	10.99	9.78	46.0	7.69	11.07	11.11

Förnestig, Frank (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time			4.30		6.35	7.35		9.35		11.46	11.46	8 / 6			
reaction time	interval					2.05	1.00		2.00		2.11		# of strides	4.30	3.05	
wind 1.5 m/s	velocity			6.98		9.76	10.00		10.00		9.48	8.73		6.98	9.84	

Forsberg, Johan (SWE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		4.20			7.12		9.07		11.12	11.12	4 / 6			
reaction time	interval					2.92		1.95		2.05		# of strides	4.20	2.92	
wind 2.8 m/s	velocity		7.14			10.27		10.26		9.76	8.99		7.14	10.27	
E FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.25			7.24		9.24		11.44	11.44	2 / 7			
reaction time	interval					2.99		2.00		2.20		# of strides	4.25	2.99	
wind 1.8 m/s	velocity		7.06			10.03		10.00		9.09	8.74		7.06	10.03	

Forte, Julian (JAM) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2020) - diamond league race analysis*			
date 17-Sep-20	time	3.0		4.8		6.6		8.4		10.15	10.15	7 / 6			
reaction time 0.132	interval			1.80		1.80		1.80		1.75		# of strides			
wind 0.3 m/s	velocity	6.67		11.11		11.11		11.11		11.43	5.91	45.0			
A FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		3.96			6.65		8.40		10.19	10.19	3 / ~~3~~ 2			
reaction time	interval					2.69		1.75		1.79		# of strides	3.96	2.69	
wind 1.5 m/s	velocity		7.58			11.15		11.43		11.17	9.81		7.58	11.15	
A FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		3.90			6.49		8.20		9.98	9.98	4 / 2			
reaction time	interval					2.59		1.71		1.78		# of strides	3.90	2.59	
wind 3.0 m/s	velocity		7.69			11.58		11.70		11.24	10.02	44.5	7.69	11.58	

Fossøy, Jostein (NOR) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time					7.09		9.08		11.12	11.12	3 / 5			
reaction time	interval							1.99		2.04		# of strides			
wind 0.9 m/s	velocity					8.46		10.05		9.80	8.99				
C FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		4.05			6.94		8.87		10.86	10.86	1 / 6			
reaction time	interval					2.89		1.93		1.99		# of strides	4.05	2.89	
wind 0.3 m/s	velocity		7.41			10.38		10.36		10.05	9.21		7.41	10.38	
C FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.10			6.95		8.86		10.86	10.86	/ 4			
reaction time	interval					2.85		1.91		2.00		# of strides	4.10	2.85	
wind 2.8 m/s	velocity		7.32			10.53		10.47		10.00	9.21		7.32	10.53	

Francis, Samuel (QAT) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.95	3.90	4.80		6.60		8.35		10.20	10.20	6 / 5			
reaction time 0.147	interval		0.95	0.90		1.80		1.75		1.85		# of strides	3.90	2.70	
wind -0.4 m/s	velocity	6.78	10.53	11.11		11.11		11.43		10.81	9.80		7.69	11.11	
Heat 8 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.99	3.93	4.83		6.62		8.39		10.21	10.21	5 / 1			
reaction time 0.159	interval		0.94	0.90		1.79		1.77		1.82		# of strides	3.93	2.69	
wind 0.0 m/s	velocity	6.69	10.64	11.11		11.17		11.30		10.99	9.79		7.63	11.15	
FINAL - 2009 ISATF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	3.01	3.95	4.85		6.60		8.38		10.19	10.19	/ 5			
reaction time 0.187	interval		0.94	0.90		1.75		1.78		1.81		# of strides	3.95	2.65	
wind 1.4 m/s	velocity	6.64	10.64	11.11		11.43		11.24		11.05	9.81		7.59	11.32	
FINAL - 2008 Asian Indoor Championships (Doha, QAT)												*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*			
date 14-Feb-08	time	1.91	3.00	3.95	4.86	5.74	6.62				6.62	4 / 1			
reaction time	interval		1.09	0.95	0.91	0.88	0.88				**CR**	# of strides	3.95	2.67	
wind	velocity	5.24	9.17	10.53	10.99	11.36	11.36				9.06		7.59	11.24	

Frater, Michael (JAM) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 7 - 2011 IAAF World Championships (Daegu, KOR)												*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
date 27-Aug-11	time	1.93	2.99	3.93	4.74	5.71	6.59	7.47	8.37	9.30	10.27	10.26	5 / 1			
reaction time 0.149	interval		1.06	0.94	0.81	0.97	0.88	0.88	0.90	0.93	0.97		# of strides	3.93	2.66	2.71
wind -1.2 m/s	velocity	5.18	9.43	10.64	12.35	10.31	11.36	11.36	11.11	10.75	10.31	9.75	48.0	7.63	11.28	11.07
FINAL - 2010 Osaka Grand Prix (Osaka, JPN)												*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*			

date	08-May-10	time	1.93	3.00	3.94	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	/ 1			
reaction time		interval		1.07	0.94	0.90	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.94	2.68	2.69
wind	0.0 m/s	velocity	5.18	9.35	10.64	11.11	11.24	11.24	11.36	11.11	10.99	10.75	9.77	49.7	7.61	11.19	11.15

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

date	16-Aug-09	time		2.97	3.91	4.81		6.59		8.31		10.14	10.14	7 / 5			
reaction time	0.153	interval			0.94	0.90		1.78		1.72		1.83		# of strides	3.91	2.68	
wind	-0.2 m/s	velocity		6.73	10.64	11.11		11.24		11.63		10.93	9.86	49.0	7.67	11.19	

Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.95	3.89	4.78		6.54		8.28		10.09	10.09	5 / 2			
reaction time	0.142	interval			0.94	0.89		1.76		1.74		1.81		# of strides	3.89	2.65	
wind	0.1 m/s	velocity		6.78	10.64	11.24		11.36		11.49		11.05	9.91		7.71	11.32	

Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.98	3.93	4.84		6.62		8.40		10.30	10.30	6 / 1			
reaction time	0.144	interval			0.95	0.91		1.78		1.78		1.90		# of strides	3.93	2.69	
wind	-0.4 m/s	velocity		6.71	10.53	10.99		11.24		11.24		10.53	9.71		7.63	11.15	

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

date	13-Sep-08	time		2.99	3.93	4.83	5.71	6.59	7.42	8.31		10.10	10.10	4 / 3			
reaction time	0.137	interval			0.94	0.90	0.88	0.88	0.83	0.89		1.79		# of strides	3.93	2.66	
wind	0.4 m/s	velocity		6.69	10.64	11.11	11.36	11.36	12.05	11.24		11.17	9.90	50.2	7.63	11.28	

FINAL - 2008 Olympic Games (Beijing, CHN) *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time			3.85			6.48		8.21		9.97	9.97	2 / 6			
reaction time	0.147	interval						2.63		1.73		1.76	PB	# of strides	3.85	2.63	
wind	0.0 m/s	velocity			7.79			11.41		11.56		11.36	10.03	49.5	7.79	11.41	

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time		2.98	3.93	4.83		6.59		8.34		10.11	10.11	5 / 3			
reaction time	0.149	interval			0.95	0.90		1.76		1.75		1.77		# of strides	3.93	2.66	
wind	-0.3 m/s	velocity		6.71	10.53	11.11		11.36		11.43		11.30	9.89	49.6	7.63	11.28	

Fray, Mike (JAM) (1947)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1972 Olympic Games (Munich, FRG) *Breizer (1984) - sprint competition analysis*

date	01-Sep-72	time			3.98			6.73		8.53		10.40	10.40	8 / 5			
reaction time		interval						2.75		1.80		1.87		# of strides	3.98	2.75	
wind	0.3 m/s	velocity			7.54			10.91		11.11		10.70	9.62	46.0	7.54	10.91	

Fredericks, Frank (NAM) (1967)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2001 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	31-Aug-01	time		3.00	3.96	4.87		6.64		8.44		10.29	10.29	/ 5			
reaction time	0.154	interval			0.96	0.91		1.77		1.80		1.85		# of strides	3.96	2.68	
wind	0.6 m/s	velocity		6.67	10.42	10.99		11.30		11.11		10.81	9.72		7.58	11.19	

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

date	03-Aug-97	time	1.73	2.77	3.70	4.59	5.46	6.32	7.18	8.05	8.93	9.82	9.95	2 / 4			
reaction time	0.129	interval		1.04	0.93	0.89	0.87	0.86	0.86	0.87	0.88	0.89		# of strides	3.70	2.62	2.61
wind	0.2 m/s	velocity	5.78	9.62	10.75	11.24	11.49	11.63	11.63	11.49	11.36	11.24	10.05	46.5	8.11	11.45	11.49

FINAL - 1996 Olympic Games (Atlanta, GA) *Grosser (2007) - Schnelligkeitsairtraining*

date	27-Jul-96	time	1.84	2.87	3.80	4.69	5.55	6.41	7.27	8.13	9.00	9.89	9.89	5 / 2			
reaction time	0.143	interval		1.03	0.93	0.89	0.86	0.86	0.86	0.86	0.87	0.89		# of strides	3.80	2.61	2.59
wind	0.7 m/s	velocity	5.43	9.71	10.75	11.24	11.63	11.63	11.63	11.63	11.49	11.24	10.11	46.2	7.89	11.49	11.58

FINAL - 1993 IAAF World Championships (Stuttgart, GER) *Stein (1993) - verbesserung der schnelligkeit*

date	15-Aug-93	time			3.87			6.50		8.25		10.03	10.03	1 / 6			
reaction time	0.146	interval						2.63		1.75		1.78		# of strides	3.87	2.63	
wind	0.3 m/s	velocity			7.75			11.41		11.43		11.24	9.97	45.0	7.75	11.41	

FINAL - 1992 Olympic Games (Barcelona, ESP) *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		2.91		4.74		6.50		8.26		10.03	10.02	3 / 2			
reaction time	0.138	interval				1.83		1.76		1.76		1.77		# of strides			
wind	0.5 m/s	velocity		6.87		10.93		11.36		11.36		11.30	9.98	46.0			

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.86	2.92	3.84	4.73	5.60	6.47	7.33	8.18	9.07	9.95	9.95	7 / 5			
reaction time	0.151	interval		1.06	0.92	0.89	0.87	0.87	0.86	0.85	0.89	0.88	AR	# of strides	3.84	2.63	2.60
wind	1.2 m/s	velocity	5.38	9.43	10.87	11.24	11.49	11.49	11.63	11.76	11.24	11.36	10.05	46.6	7.81	11.41	11.54

Fuchs, Markus (AUT) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	1.96	3.03	4.01	4.94	5.86	6.78	7.72	8.66	9.62	10.59	10.59	2 / 8			
reaction time	0.144	interval		1.07	0.98	0.93	0.92	0.92	0.94	0.94	0.96	0.97		# of strides	4.01	2.77	2.84
wind	-0.2 m/s	velocity	5.10	9.35	10.20	10.75	10.87	10.87	10.64	10.64	10.42	10.31	9.44	48.0	7.48	10.83	10.56

Fujimitsu, Kenji (JPN) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2017 Fuse Sprint (Fuse, JPN) — *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	04-Jun-17	time	1.92	2.99	3.94	4.85	5.74	6.62	7.49	8.37	9.26	10.17	10.17	/ 2			
reaction time		interval		1.07	0.95	0.91	0.89	0.88	0.87	0.88	0.89	0.91		# of strides	3.94	2.68	2.64
wind	2.9 m/s	velocity	5.21	9.35	10.53	10.99	11.24	11.36	11.49	11.36	11.24	10.99	9.83	46.6	7.61	11.19	11.36

FINAL - 2016 Fuse Sprint (Tottori, JPN) — *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.89	2.95	3.91	4.83	5.72	6.63	7.54	8.46	9.38	10.31	10.31	/ 5			
reaction time		interval		1.06	0.96	0.92	0.89	0.91	0.91	0.92	0.92	0.93		# of strides	3.91	2.72	2.75
wind	-0.5 m/s	velocity	5.29	9.43	10.42	10.87	11.24	10.99	10.99	10.87	10.87	10.75	9.70	47.7	7.67	11.03	10.91

FINAL - 2014 Izumo Athletics Games (Izumo, JPN) — *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.97	3.02	3.97	4.88	5.78	6.66	7.55	8.45	9.35	10.27	10.27	4 / 2			
reaction time		interval		1.05	0.95	0.91	0.90	0.88	0.89	0.90	0.90	0.92		# of strides	3.97	2.69	2.69
wind	2.6 m/s	velocity	5.08	9.52	10.53	10.99	11.11	11.36	11.24	11.11	11.11	10.87	9.74	46.0	7.56	11.15	11.15

Heat 2 - 2012 Mikio Oda Memorial (Hiroshima, JPN) — *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-12	time	1.99	3.05	4.02	4.95	5.86	6.75	7.65	8.54	9.44	10.35	10.35	8 / 3			
reaction time		interval		1.06	0.97	0.93	0.91	0.89	0.90	0.89	0.90	0.91	PB	# of strides	4.02	2.73	2.69
wind	2.0 m/s	velocity	5.03	9.43	10.31	10.75	10.99	11.24	11.11	11.24	11.11	10.99	9.66	46.0	7.46	10.99	11.15

B Race - 2010 Mikio Oda Memorial (Hiroshima, JPN) — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	29-Apr-10	time			3.96			6.71				10.40	10.40	/ 1			
reaction time		interval						2.75				3.69	PB	# of strides	3.96	2.75	
wind	1.6 m/s	velocity			7.58			10.91				10.84	9.62	46.1	7.58	10.91	

Fujiwara, Hiroto (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) — *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.98	3.07	4.06	5.00	5.92	6.85	7.77	8.71	9.67	10.65	10.65	3 / 6			
reaction time	0.174	interval		1.09	0.99	0.94	0.92	0.93	0.92	0.94	0.96	0.98		# of strides	4.06	2.79	2.82
wind	0.6 m/s	velocity	5.05	9.17	10.10	10.64	10.87	10.75	10.87	10.64	10.42	10.20	9.39	47.8	7.39	10.75	10.64

Heat 1 - 2020 Japanese High School National Championships (Hiroshima, JPN) — *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.94	3.02	3.99	4.93	5.84	6.75	7.67	8.60	9.55	10.53	10.53	5 / 1			
reaction time	0.153	interval		1.08	0.97	0.94	0.91	0.91	0.92	0.93	0.95	0.98		# of strides	3.99	2.76	2.80
wind	2.0 m/s	velocity	5.15	9.26	10.31	10.64	10.99	10.99	10.87	10.75	10.53	10.20	9.50	47.8	7.52	10.87	10.71

Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN) — *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.92	3.02	4.01	4.95	5.87	6.78	7.70	8.64	9.59	10.58	10.58	2 / 7			
reaction time	0.151	interval		1.10	0.99	0.94	0.92	0.91	0.92	0.94	0.95	0.99	PB	# of strides	4.01	2.77	2.81
wind	0.7 m/s	velocity	5.21	9.09	10.10	10.64	10.87	10.99	10.87	10.64	10.53	10.10	9.45	51.2	7.48	10.83	10.68

U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) — *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.09		6.00					10.85	10.85	5 / 4			
reaction time	0.151	interval					1.91					4.85		# of strides	4.09		
wind	-2.3 m/s	velocity			7.33		3.33					10.31	9.22		7.33		

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) — *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.95	3.03	4.01	4.94	5.85	6.76	7.67	8.60	9.55	10.54	10.54	/ 8			
reaction time		interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.95	0.99		# of strides	4.01	2.75	2.79
wind	2.9 m/s	velocity	5.13	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.53	10.10	9.49		7.48	10.91	10.75

Fujiwara, Ryusei (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Shimane High School Championships (Izumo, JPN) — *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.03			6.83			9.60	10.55	10.55	5 / 1			
reaction time		interval						2.80			2.77	0.95		# of strides	4.03	2.80	2.77
wind	0.9 m/s	velocity			7.44			10.71			10.83	10.53	9.48	49.5	7.44	10.71	10.83

FINAL - 2022 Shimane High School Championships (Izumo, JPN) — *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time			4.15			7.20			10.12	11.16	11.16	3 / 4			
reaction time		interval						3.05			2.92	1.04		# of strides	4.15	3.05	2.92
wind	-1.8 m/s	velocity			7.23			9.84			10.27	9.62	8.96	51.5	7.23	9.84	10.27

FINAL - 2021 Shimane High School Championships (Izumo, JPN) — *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.12			7.00			9.80	10.79	10.79	3 / 1			
reaction time		interval						2.88			2.80	0.99		# of strides	4.12	2.88	2.80
wind	3.3 m/s	velocity			7.28			10.42			10.71	10.10	9.27	50.7	7.28	10.42	10.71

Fukagawa, Shinpei (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)											*Kobayashi (2020) - national high school and U20 national championhsips*				
date 24-Oct-20 time	1.97	3.08	4.09	5.05	6.01	6.96	7.93	8.90	9.90	10.92	10.92	4 / 6			
reaction time 0.164 interval		1.11	1.01	0.96	0.96	0.95	0.97	0.97	1.00	1.02		# of strides	4.09	2.87	2.94
wind -2.4 m/s velocity	5.08	9.01	9.90	10.42	10.42	10.53	10.31	10.31	10.00	9.80	9.16	51.8	7.33	10.45	10.20
Heat 3 - 2020 Japanese U20 National Championships (Hiroshima, JPN)											*Kobayashi (2020) - national high school and U20 national championhsips*				
date 24-Oct-20 time	1.90	3.01	4.01	4.97	5.91	6.85	7.80	8.75	9.73	10.72	10.72	4 / 1			
reaction time 0.140 interval		1.11	1.00	0.96	0.94	0.94	0.95	0.95	0.98	0.99		# of strides	4.01	2.84	2.88
wind -0.2 m/s velocity	5.26	9.01	10.00	10.42	10.64	10.64	10.53	10.53	10.20	10.10	9.33	51.9	7.48	10.56	10.42

Fukofuka, Maleselo (TGA) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 5 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*				
date 03-Aug-24 time	2.15	3.35	4.45	5.54	6.62	7.68	8.77	9.87	10.98	12.11	12.11	8 / ~~8~~ 7			
reaction time 0.155 interval		1.20	1.10	1.09	1.08	1.06	1.09	1.10	1.11	1.13	PB	# of strides	4.45	3.23	3.30
wind -0.4 m/s velocity	4.65	8.33	9.09	9.17	9.26	9.43	9.17	9.09	9.01	8.85	8.26		6.74	9.29	9.09

Fukushima, Kiyoshi (JPN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Japanese High School Championships (Yamagata, JPN)											*Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*				
date 30-Jul-17 time			4.01			6.81			9.64	10.64	10.64	6 / 3			
reaction time 0.138 interval						2.80			2.83	1.00		# of strides	4.01	2.80	2.83
wind -2.0 m/s velocity			7.48			10.71			10.60	10.00	9.40		7.48	10.71	10.60

Galiyev, Rinat (KAZ) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Asian Indoor Championships (Doha, QAT)											*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*				
date 14-Feb-08 time	1.91	3.02	4.01	4.98	5.91	6.87					6.87	6 / 8			
reaction time interval		1.11	0.99	0.97	0.93	0.96						# of strides	4.01	2.86	
wind velocity	5.24	9.01	10.10	10.31	10.75	10.42					8.73		7.48	10.49	

Ganter, Robin (GER) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)											*European Athletics (2025) - european athletics indoor championships results book*				
date 08-Mar-25 time	1.89	2.96	3.93	4.85	5.74	6.65					6.65	4 / 3			
reaction time 0.131 interval		1.07	0.97	0.92	0.89	0.91						# of strides	3.93	2.72	
velocity	5.29	9.35	10.31	10.87	11.24	10.99					9.02		7.63	11.03	

Gao Yulong (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)											*Shandong Athletics Sport Science (2024)*				
date 02-Jun-24 time	1.95	3.01	3.95	4.87	5.79	6.69	7.60	8.53	9.48	10.46	10.46	2 / 5			
reaction time 0.160 interval		1.06	0.94	0.92	0.92	0.90	0.91	0.93	0.95	0.98		# of strides	3.95	2.74	2.79
wind 1.0 m/s velocity	5.13	9.43	10.64	10.87	10.87	11.11	10.99	10.75	10.53	10.20	9.56	47.2	7.59	10.95	10.75
Heat 5 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)											*Shandong Athletics Sport Science (2024)*				
date 27-May-24 time	1.96	2.99	3.95	4.90		6.71	7.64	8.55	9.49	10.48	10.48	4 / 2			
reaction time 0.166 interval		1.03	0.96	0.95		1.81	0.93	0.91	0.94	0.99		# of strides	3.95	2.76	2.78
wind -0.6 m/s velocity	5.10	9.71	10.42	10.53		11.05	10.75	10.99	10.64	10.10	9.54	47.0	7.59	10.87	10.79

Garcia, Melique (HON) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 3 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*				
date 03-Aug-24 time	1.95	3.06	4.05	4.98	5.93	6.86	7.81	8.77	9.76	10.76	10.76	6 / 5			
reaction time 0.165 interval		1.11	0.99	0.93	0.95	0.93	0.95	0.96	0.99	1.00		# of strides	4.05	2.81	2.90
wind 0.1 m/s velocity	5.13	9.01	10.10	10.75	10.53	10.75	10.53	10.42	10.10	10.00	9.29	48.7	7.41	10.68	10.34

García, Yordanis (CUB) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 19-Aug-09 time		3.05		4.96		6.83		8.68		10.60	10.60	8 / 3			
reaction time 0.156 interval				1.91		1.87		1.85		1.92	PB	# of strides			
wind 0.2 m/s velocity		6.56		10.47		10.70		10.81		10.42	9.43				

Gardener, Jason (GBR) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2002 European Championships (Munich, GER)											*Graubner (2009) - http://www.fgs.uni-halle.de*				
date 07-Aug-02 time		2.97	3.94	4.87		6.68		8.50		10.36	10.36	/ ~~6~~ 5			
reaction time 0.154 interval			0.97	0.93		1.81		1.82		1.86		# of strides	3.94	2.74	
wind 0.0 m/s velocity		6.73	10.31	10.75		11.05		10.99		10.75	9.65		7.61	10.95	
Quarter-Final 1 - 2002 European Championships (Munich, GER)											*Graubner (2009) - http://www.fgs.uni-halle.de*				
date 06-Aug-02 time		2.93	3.89	4.81		6.60		8.41		10.22	10.28	/ 2			
reaction time 0.122 interval			0.96	0.92		1.79		1.81		1.81		# of strides	3.89	2.71	
wind -0.1 m/s velocity		6.83	10.42	10.87		11.17		11.05		11.05	9.73		7.71	11.07	
Heat 5 - 2002 European Championships (Munich, GER)											*Graubner (2009) - http://www.fgs.uni-halle.de*				
date 06-Aug-02 time		2.95	3.91	4.82		6.62		8.42		10.29	10.29	/ 2			

reaction time	0.148	interval			0.96	0.91		1.80		1.80		1.87		# of strides	3.91	2.71	
wind	1.0 m/s	velocity		6.78	10.42	10.99		11.11		11.11		10.70	9.72		7.67	11.07	

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.77	2.79	3.71	4.61	5.50	6.37	7.25	8.14	9.03	9.93	10.07	7 / 7			
reaction time	0.142	interval		1.02	0.92	0.90	0.89	0.87	0.88	0.89	0.89	0.90		# of strides	3.71	2.66	2.66
wind	0.2 m/s	velocity	5.65	9.80	10.87	11.11	11.24	11.49	11.36	11.24	11.24	11.11	9.93		8.09	11.28	11.28

Gardiner, Rija Vatomanga (MAD) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	2.04	3.15	4.15	5.11	6.04	6.97	7.92	8.86	9.83	10.82	10.82	7 / 6			
reaction time	0.157	interval		1.11	1.00	0.96	0.93	0.93	0.95	0.94	0.97	0.99	**PB**	# of strides	4.15	2.82	2.86
wind	0.1 m/s	velocity	4.90	9.01	10.00	10.42	10.75	10.75	10.53	10.64	10.31	10.10	9.24	48.5	7.23	10.64	10.49

Garia, Christopher (NED) (1992)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)														*European Athletics (2019) - race analysis*			
date	09-Sep-19	time					5.89					10.46	10.46	2 / 6			
reaction time	0.158	interval										4.57		# of strides			
wind	-1.1 m/s	velocity					8.49					10.94	9.56	46.5			

Gatlin, Justin (USA) (1982)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2021 Prefontaine Classic (Eugene, OR)														*Omega Timing (2021) - diamond league race analysis*			
date	21-Aug-21	time		3.0		4.8		6.5		8.2		9.93	9.93	3 / 6			
reaction time	0.142	interval				1.80		1.70		1.70		1.73		# of strides			
wind	2.9 m/s	velocity		6.67		11.11		11.76		11.76		11.56	10.07	44.2			

FINAL - 2019 IAAF World Championships (Doha, QAT) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	28-Sep-19	time	1.84	2.88	3.81	4.70	5.56	6.42	7.27	8.13	9.00	9.89	9.89	3 / 2			
reaction time	0.148	interval		1.04	0.93	0.89	0.86	0.86	0.85	0.86	0.87	0.89		# of strides	3.81	2.61	2.58
wind	0.6 m/s	velocity	5.43	9.62	10.75	11.24	11.63	11.63	11.76	11.63	11.49	11.24	10.11	44.0	7.87	11.49	11.63

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time		3.0		4.9		6.6		8.3		10.08	10.08	3 / 4			
reaction time	0.153	interval				1.9		1.7		1.7		1.78		# of strides			
wind	-0.4 m/s	velocity		6.67		10.53		11.76		11.76		11.24	9.92	**44.0**			

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

date	12-Jul-19	time					5.8					9.91	9.91	3 / 1			
reaction time	0.195	interval										4.11		# of strides			
wind	0.3 m/s	velocity					8.62					12.17	10.09	44.0			

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

date	05-Jul-19	time					5.7					9.92	9.92	6 / 1			
reaction time	0.153	interval										4.22		# of strides			
wind	0.2 m/s	velocity					8.77					11.85	10.08	44.2			

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	20-May-18	time	1.86	2.91	3.86	4.76	5.64	6.51	7.38	8.25	9.15	10.06	10.06	3 / 1			
reaction time	0.154	interval		1.05	0.95	0.90	0.88	0.87	0.87	0.87	0.90	0.91		# of strides	3.86	2.65	2.64
wind	-0.7 m/s	velocity	5.38	9.52	10.53	11.11	11.36	11.49	11.49	11.49	11.11	10.99	9.94	44.7	7.77	11.32	11.36

FINAL - 2017 IAAF World Championships (London, GBR) *Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*

date	05-Aug-17	time	1.88	2.90	3.81	4.71	5.59	6.45	7.31	8.18	9.05	9.92	9.92	8 / 1			
reaction time	0.138	interval		1.02	0.91	0.90	0.88	0.86	0.86	0.87	0.87	0.87		# of strides	3.81	2.64	2.60
wind	-0.8 m/s	velocity	5.32	9.80	10.99	11.11	11.36	11.63	11.63	11.49	11.49	11.49	10.08	44.0	7.87	11.36	11.54

FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	08-May-16	time	1.84	2.90	3.84	4.73	5.61	6.48	7.34	8.22	9.11	10.02	10.02	5 / 1			
reaction time		interval		1.06	0.94	0.89	0.88	0.87	0.86	0.88	0.89	0.91		# of strides	3.84	2.64	2.63
wind	-0.4 m/s	velocity	5.43	9.43	10.64	11.24	11.36	11.49	11.63	11.36	11.24	10.99	9.98	44.9	7.81	11.36	11.41

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	11-May-14	time	1.88	2.90	3.83	4.71	5.59	6.46	7.33	8.21	9.11	10.02	10.02	3 / 1			
reaction time		interval		1.02	0.93	0.88	0.88	0.87	0.87	0.88	0.90	0.91		# of strides	3.83	2.63	2.65
wind	-3.5 m/s	velocity	5.32	9.80	10.75	11.36	11.36	11.49	11.49	11.36	11.11	10.99	9.98	49.2	7.83	11.41	11.32

FINAL - 2012 Olympic Games (London, GBR) *Vazel (2020) - https://twitter.com/pjvazel/status/1297188878311284745?s=21*

date	05-Aug-12	time			3.80			6.37		8.05		9.79	9.79	6 / 3			
reaction time	0.178	interval						2.57		1.68		1.74	**PB**	# of strides	3.80	2.57	
wind	1.5 m/s	velocity			7.89			11.67		11.90		11.49	10.21	42.2	7.89	11.67	

FINAL - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.92	2.98	3.87	4.73	5.59	6.46	7.29	8.16	9.06	9.93	9.93	4 / ~~4~~			
reaction time		interval		1.06	0.89	0.86	0.86	0.87	0.83	0.87	0.90	0.87	DV	# of strides	3.87	2.59	2.60
wind	-1.2 m/s	velocity	5.21	9.43	11.24	11.63	11.63	11.49	12.05	11.49	11.11	11.49	10.07	43.0	7.75	11.58	11.54

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.90	2.92	3.87	4.72	5.61	6.47	7.32	8.19	9.07	9.99	9.99	3 / ~~4~~			
reaction time		interval		1.02	0.95	0.85	0.89	0.86	0.85	0.87	0.88	0.92	DV	# of strides	3.87	2.60	2.60
wind	-1.2 m/s	velocity	5.26	9.80	10.53	11.76	11.24	11.63	11.76	11.49	11.36	10.87	10.01	42.2	7.75	11.54	11.54

FINAL - 2006 Qatar Super Grand Prix (Doha, QAT) *Kuitunen (2006) - justin gatlin wr 9.77 - race analysis - short report*

date	12-May-06	time	1.93	2.98	3.89	4.74	5.58	6.39	7.21	8.07	8.91	9.77	9.77	/ ~~4~~			
reaction time		interval		1.05	0.91	0.85	0.84	0.81	0.82	0.86	0.84	0.86	~~WR~~ DV	# of strides	3.89	2.50	2.52
wind	1.7 m/s	velocity	5.18	9.52	10.99	11.76	11.90	12.35	12.20	11.63	11.90	11.63	10.24	41.6	7.71	12.00	11.90

FINAL - 2006 Osaka Grand Prix (Osaka, JPN) *Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	06-May-06	time	1.93	2.95	3.88	4.77	5.63	6.49	7.35	8.21	9.07	9.95	9.95	/ ~~4~~			
reaction time		interval		1.02	0.93	0.89	0.86	0.86	0.86	0.86	0.86	0.88	DV	# of strides	3.88	2.61	2.58
wind	-0.1 m/s	velocity	5.18	9.80	10.75	11.24	11.63	11.63	11.63	11.63	11.63	11.36	10.05		7.73	11.49	11.63

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

date	25-Jun-05	time	1.97	3.02	3.95	4.84	5.72	6.58	7.43	8.33	9.22	10.08	10.08	7 / 1			
reaction time		interval		1.05	0.93	0.89	0.88	0.86	0.85	0.90	0.89	0.86		# of strides	3.95	2.63	2.64
wind	-2.3 m/s	velocity	5.08	9.52	10.75	11.24	11.36	11.63	11.76	11.11	11.24	11.63	9.92	43.0	7.59	11.41	11.36

FINAL - 2004 Olympic Games (Athens, GRE) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	22-Aug-04	time	1.87	2.90			5.56	6.41	7.27		8.98	9.85	9.85	3 / 1			
reaction time	0.188	interval		1.03			2.66	0.85	0.86		1.71	0.87	PB	# of strides			2.57
wind	0.6 m\s	velocity	5.35	9.71			11.28	11.76	11.63		11.70	11.49	10.15	42.0			11.67

FINAL - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.94	2.94	3.87	4.75	5.60	6.47	7.32	8.17	9.04	9.92	9.92	5 / 2			
reaction time	0.157	interval		1.00	0.93	0.88	0.85	0.87	0.85	0.85	0.87	0.88	PB	# of strides	3.87	2.60	2.57
wind	0.0 m/s	velocity	5.15	10.00	10.75	11.36	11.76	11.49	11.76	11.76	11.49	11.36	10.08	42.0	7.75	11.54	11.67

Gavélas, Aristotélis (GRE) (1978)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2002 European Championships (Munich, GER)													*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	07-Aug-02	time		2.97	3.92	4.82		6.62		8.45		10.36	10.36	/ ~~7~~ 6			
reaction time	0.158	interval			0.95	0.90		1.80		1.83		1.91		# of strides	3.92	2.70	
wind	-0.3 m/s	velocity		6.73	10.53	11.11		11.11		10.93		10.47	9.65		7.65	11.11	

Semi-Final 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.96	3.91	4.81		6.61		8.43		10.34	10.34	/ ~~3~~ 2		
reaction time	0.161	interval			0.95	0.90		1.80		1.82		1.91		# of strides	3.91	2.70	
wind	0.0 m/s	velocity		6.76	10.53	11.11		11.11		10.99		10.47	9.67		7.67	11.11	

Gay, Tyson (USA) (1982)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2009 Seiko Super Grand Prix (Kawasaki, JPN)													*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date	23-Sep-09	time	1.93	2.99	3.92	4.82	5.69	6.56	7.43	8.30	9.20	10.13	10.13	/ 1			
reaction time		interval		1.06	0.93	0.90	0.87	0.87	0.87	0.87	0.90	0.93		# of strides	3.92	2.64	2.64
wind	0.5 m/s	velocity	5.18	9.43	10.75	11.11	11.49	11.49	11.49	11.49	11.11	10.75	9.87		7.65	11.36	11.36

FINAL - 2009 IAAF World Championships (Berlin, GER) *Graubner (2011) - biomechanical analysis of the sprint and hurdle- 2009 IAAF world championships in athletics*

date	16-Aug-09	time	1.91	2.93	3.84	4.70	5.54	6.36	7.19	8.02	8.86	9.71	9.71	5 / 2			
reaction time	0.144	interval		1.02	0.91	0.86	0.84	0.82	0.83	0.83	0.84	0.85	AR	# of strides	3.84	2.52	2.50
wind	0.9 m/s	velocity	5.24	9.80	21.98	23.26	23.81	24.39	24.10	24.10	23.81	23.53	10.30	45.9	7.81	11.90	12.00

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

date	16-Aug-09	time		2.99	3.92	4.80		6.54		8.21		9.93	9.93	5 / 1			
reaction time	0.143	interval			0.93	0.88		1.74		1.67		1.72		# of strides	3.92	2.62	
wind	-0.2 m/s	velocity		6.69	10.75	11.36		11.49		11.98		11.63	10.07	44.5	7.65	11.45	

Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.97	3.90	4.79		6.53		8.22		9.98	9.98	6 / 1			
reaction time	0.155	interval			0.93	0.89		1.74		1.69		1.76		# of strides	3.90	2.63	
wind	0.1 m/s	velocity		6.73	10.75	11.24		11.49		11.83		11.36	10.02		7.69	11.41	

Heat 11 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.02	3.96	4.85		6.62		8.35		10.16	10.16	8 / 1			
reaction time	0.194	interval			0.94	0.89		1.77		1.73		1.81		# of strides	3.96	2.66	
wind	-0.2 m/s	velocity		6.62	10.64	11.24		11.30		11.56		11.05	9.84		7.58	11.28	

FINAL - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.95	2.98	3.87	4.74	5.57	6.37	7.17	7.99	8.82	9.68	9.68	4 / 1			
reaction time	0.132	interval		1.03	0.89	0.87	0.83	0.80	0.80	0.82	0.83	0.86		# of strides	3.87	2.50	2.45
wind	4.1 m/s	velocity	5.13	9.71	11.24	11.49	12.05	12.50	12.50	12.20	12.05	11.63	10.33	44.5	7.75	12.00	12.24

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	2.04	3.04	3.92	4.81	5.61	6.45	7.29	8.12	8.97	9.85	9.85	4 / 1			
reaction time		interval		1.00	0.88	0.89	0.80	0.84	0.84	0.83	0.85	0.88		# of strides	3.92	2.53	2.52
wind	2.2 m/s	velocity	4.90	10.00	11.36	11.24	12.50	11.90	11.90	12.05	11.76	11.36	10.15	44.0	7.65	11.86	11.90

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.90	2.92	3.85	4.74	5.56	6.39	7.22	8.05	8.89	9.77	9.77	2 / 1			
reaction time		interval		1.02	0.93	0.89	0.82	0.83	0.83	0.83	0.84	0.88	AR	# of strides	3.85	2.54	2.50
wind	1.6 m/s	velocity	5.26	9.80	10.75	11.24	12.20	12.05	12.05	12.05	11.90	11.36	10.24	43.8	7.79	11.81	12.00

Heat 4 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.96	2.99	3.88	4.79	5.63	6.47	7.31	8.20	9.14	10.14	10.14	4 / 4			
reaction time		interval		1.03	0.89	0.91	0.84	0.84	0.84	0.89	0.94	1.00		# of strides	3.88	2.59	2.67
wind	0.8 m/s	velocity	5.10	9.71	11.24	10.99	11.90	11.90	11.90	11.24	10.64	10.00	9.86		7.73	11.58	11.24

FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	30-Sep-07	time	1.98	3.05	4.00	4.91	5.79	6.67	7.55	8.43	9.32	10.23	10.23	/ 1			
reaction time		interval		1.07	0.95	0.91	0.88	0.88	0.88	0.88	0.89	0.91		# of strides	4.00	2.67	2.65
wind	-1.4 m/s	velocity	5.05	9.35	10.53	10.99	11.36	11.36	11.36	11.36	11.24	10.99	9.78		7.50	11.24	11.32

FINAL - 2007 IAAF World Championships (Osaka, JPN) *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	26-Aug-07	time	1.90	2.94	3.86	4.73	5.59	6.44	7.28	8.13	8.99	9.85	9.85	5 / 1			
reaction time	0.143	interval		1.04	0.92	0.87	0.86	0.85	0.84	0.85	0.86	0.86		# of strides	3.86	2.58	2.55
wind	-0.5 m/s	velocity	5.26	9.62	10.87	11.49	11.63	11.76	11.90	11.76	11.63	11.63	10.15	45.2	7.77	11.63	11.76

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	26-Aug-07	time	1.95	3.00	3.93	4.82	5.69	6.54	7.39	8.25	9.12	10.00	10.00	4 / 1			
reaction time	0.170	interval		1.05	0.93	0.89	0.87	0.85	0.85	0.86	0.87	0.88		# of strides	3.93	2.61	2.58
wind	0.1 m/s	velocity	5.13	9.52	10.75	11.24	11.49	11.76	11.76	11.63	11.49	11.36	10.00	44.5	7.63	11.49	11.63

Quarter-Final 2 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.97	3.02	3.95	4.83	5.69	6.55	7.41	8.27	9.14	10.06	10.06	4 / 1			
reaction time	0.203	interval		1.05	0.93	0.88	0.86	0.86	0.86	0.86	0.87	0.92		# of strides	3.95	2.60	2.59
wind	-0.5 m/s	velocity	5.08	9.52	10.75	11.36	11.63	11.63	11.63	11.63	11.49	10.87	9.94	44.7	7.59	11.54	11.58

FINAL - 2006 Weltklasse (Zurich, SUI) *Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15*

date	18-Aug-06	time	1.90	2.93	3.87	4.75	5.61	6.46	7.30	8.14	8.99	9.84	9.84	6 / 2			
reaction time	0.152	interval		1.03	0.94	0.88	0.86	0.85	0.84	0.84	0.85	0.85	PB	# of strides	3.87	2.59	2.53
wind	1.0 m/s	velocity	5.26	9.71	10.64	11.36	11.63	11.76	11.90	11.90	11.76	11.76	10.16	45.0	7.75	11.58	11.86

FINAL - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.99	3.04	3.96	4.82	5.71	6.57	7.41	8.27	9.18	10.07	10.07	6 / ~~2~~ 1			
reaction time		interval		1.05	0.92	0.86	0.89	0.86	0.84	0.86	0.91	0.89		# of strides	3.96	2.61	2.61
wind	-1.2 m/s	velocity	5.03	9.52	10.87	11.63	11.24	11.63	11.90	11.63	10.99	11.24	9.93	46.7	7.58	11.49	11.49

Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.93	2.98	3.92	4.82	5.69	6.55	7.42	8.31	9.23	10.15	10.15	5 / 1			
reaction time		interval		1.05	0.94	0.90	0.87	0.86	0.87	0.89	0.92	0.92		# of strides	3.92	2.63	2.68
wind	-1.2 m/s	velocity	5.18	9.52	10.64	11.11	11.49	11.63	11.49	11.24	10.87	10.87	9.85	46.0	7.65	11.41	11.19

Gehne, Felix (GER) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time		3.09	4.08	5.02		6.88		8.79		10.74	10.74	/ 1			
reaction time		interval			0.99	0.94		1.86		1.91		1.95	=PB	# of strides	4.08	2.80	
wind	0.0 m/s	velocity		6.47	10.10	10.64		10.75		10.47		10.26	9.31		7.35	10.71	

Gemili, Adam (GBR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) *Omega Timing (2022) - diamond league race analysis*

date	21-May-22	time		3.00		4.89		6.70		8.51		10.38	10.38	1 / 6			
reaction time	0.139	interval				1.89		1.81		1.81		1.87		# of strides			
wind	-0.2 m/s	velocity		6.67		10.58		11.05		11.05		10.70	9.63	48.0			

FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) *Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time		3.1		5.0		6.7		8.5		10.21	10.21	8 / 8			
reaction time	0.149	interval				1.90		1.70		1.80		1.71		# of strides			
wind	0.4 m/s	velocity		6.45		10.53		11.76		11.11		11.70	9.79	47.2			

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time	3.1	4.9	6.7	8.4	10.15	10.15	1 / 7		
reaction time	0.130	interval		1.8	1.8	1.7	1.75		# of strides		
wind	-0.4 m/s	velocity	6.45	11.11	11.11	11.76	11.43	9.85	47.0		

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.9	6.6	8.4	10.07	10.07	6 / 2		
reaction time	0.136	interval		1.9	1.7	1.8	1.67		# of strides		
wind	2.0 m/s	velocity	6.67	10.53	11.76	11.11	11.98	9.93	47.5		

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.9	6.6	8.3	10.08	10.08	7 / 1		
reaction time	0.138	interval		1.9	1.7	1.7	1.78		# of strides		
wind	0.7 m/s	velocity	6.67	10.53	11.76	11.76	11.24	9.92			

Gerlach, Mikael (SWE) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time		4.36			7.34				11.36	11.36	5 / 2			
reaction time	interval					2.98				4.02		# of strides	4.36	2.98	
wind 0.6 m/s	velocity		6.88			10.07				9.95	8.80		6.88	10.07	

Heat 3 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time	4.32	7.25	11.18	11.18	3 / 1				
reaction time		interval		2.93	3.93		# of strides	4.32	2.93		
wind	1.5 m/s	velocity	6.94	10.24	10.18	8.94		6.94	10.24		

F FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.33	7.33	11.30	11.30	6 / 3				
reaction time		interval		3.00	3.97		# of strides	4.33	3.00		
wind	1.5 m/s	velocity	6.93	10.00	10.08	8.85		6.93	10.00		

G FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.32	7.31	9.32	11.35	11.35	5 / 3			
reaction time		interval		2.99	2.01	2.03		# of strides	4.32	2.99	
wind	1.9 m/s	velocity	6.94	10.03	9.95	9.85	8.81		6.94	10.03	

E FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time	4.43	7.50	9.54	11.64	11.64	/ 3			
reaction time		interval		3.07	2.04	2.10		# of strides	4.43	3.07	
wind	1.4 m/s	velocity	6.77	9.77	9.80	9.52	8.59		6.77	9.77	

G FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time	4.47	7.55	9.57	11.67	11.67	6 / 1			
reaction time		interval		3.08	2.02	2.10		# of strides	4.47	3.08	
wind	1.4 m/s	velocity	6.71	9.74	9.90	9.52	8.57		6.71	9.74	

Getahun, Kidus Yohannes (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.42		6.49	7.50		9.52		11.64	11.64	7 / 7			
reaction time	interval				2.07	1.01		2.02		2.12		# of strides	4.42	3.08	
wind 1.5 m/s	velocity		6.79		9.66	9.90		9.90		9.43	8.59		6.79	9.74	

Ghansah, Matias (SWE) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94	time		4.00			6.72		8.53		10.39	10.39	/ 7			
reaction time	interval					2.72		1.81		1.86		# of strides	4.00	2.72	
wind 1.8 m/s	velocity		7.50			11.03		11.05		10.75	9.62		7.50	11.03	

Gill, Shuan (BIZ) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.98	3.08	4.08	5.05	6.02	6.99	8.01	9.03	10.08	11.17	11.17	6 / 6		
reaction time 0.143	interval		1.10	1.00	0.97	0.97	0.97	1.02	1.02	1.05	1.09		# of strides	4.08	2.91	3.09
wind 0.2 m/s	velocity	5.05	9.09	10.00	10.31	10.31	10.31	9.80	9.80	9.52	9.17	8.95	49.0	7.35	10.31	9.71

Gillespie, Cravon (USA) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Prefontaine Classic (Eugene, OR)												*Omega Timing (2021) - diamond league race analysis*			
date 21-Aug-21	time	3.0		4.8		6.6		8.3		10.09	10.09	1 / 9			
reaction time 0.145	interval			1.80		1.80		1.70		1.79		# of strides			
wind 2.9 m/s	velocity	6.67		11.11		11.11		11.76		11.17	9.91	46.2			

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	3.10	4.03	4.95	5.84	6.70		6.70	2 / 5	
reaction time	0.212	interval		0.93	0.92	0.89	0.86		# of strides	4.03	2.67

		velocity	6.45	10.75	10.87	11.24	11.63				8.96	29.7	7.44	11.24	

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

date	12-Jul-19	time				5.8				10.14	10.14	6 / 5			
reaction time	0.141	interval								4.34		# of strides			
wind	0.3 m/s	velocity				8.62				11.52	9.86	47.0			

Gittens, Ramon (BAR) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)														*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
date	08-May-16	time	1.87	2.95	3.91	4.82	5.72	6.60	7.49	8.39	9.31	10.26	10.26	8 / 3			
reaction time		interval		1.08	0.96	0.91	0.90	0.88	0.89	0.90	0.92	0.95		# of strides	3.91	2.69	2.71
wind	-0.4 m/s	velocity	5.35	9.26	10.42	10.99	11.11	11.36	11.24	11.11	10.87	10.53	9.75	47.8	7.67	11.15	11.07
Heat 12 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.00	3.97	4.89		6.74		8.58		10.47	10.47	4 / 4			
reaction time	0.147	interval			0.97	0.92		1.85		1.84		1.89		# of strides	3.97	2.77	
wind	-0.4 m/s	velocity		6.67	10.31	10.87		10.81		10.87		10.58	9.55		7.56	10.83	

Gjertsen, Martin Trondseth (NOR) (1993

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)														*(2017) - www.windsprint/Splittider/*			
date	30-Jul-17	time			4.14		6.10	7.07		9.00		11.02	11.02	2 / 1			
reaction time		interval					1.96	0.97		1.93		2.02	PB	# of strides	4.14	2.93	
wind	1.5 m/s	velocity			7.25		10.20	10.31		10.36		9.90	9.07		7.25	10.24	
F FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.32			7.30		9.27		11.28	11.28	7 / 8			
reaction time		interval						2.98		1.97		2.01		# of strides	4.32	2.98	
wind	3.0 m/s	velocity			6.94			10.07		10.15		9.95	8.87		6.94	10.07	

Glance, Harvey (USA) (1957)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 Olympic Games (Montreal, CAN)														*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date	24-Jul-76	time			3.85			6.54		8.31		10.19	10.19	5 / 4			
reaction time		interval						2.69		1.77		1.88		# of strides	3.85	2.69	
wind	0.0 m/s	velocity			7.79			11.15		11.30		10.64	9.81	49.0	7.79	11.15	

Glave, Romell (JAM) (1999)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)														*Omega Timing (2019) - diamond league race analysis*			
date	18-Aug-19	time		3.2		5.0		6.8		8.6		10.42	10.42	3 / 6			
reaction time	0.109	interval				1.8		1.8		1.8		1.82		# of strides			
wind	-0.3 m/s	velocity		6.25		11.11		11.11		11.11		10.99	9.60				

Glide, Vebjörn (NOR) (1993)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2015 Windsprint (Sundsvall, SWE)														*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time			4.22			7.28		9.33		11.41	11.41	8 / 5			
reaction time		interval						3.06		2.05		2.08		# of strides	4.22	3.06	
wind	1.1 m/s	velocity			7.11			9.80		9.76		9.62	8.76		7.11	9.80	

Göbel, Tim (GER) (1982)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	23-Jun-01	time		3.01	3.97	4.89		6.67		8.49		10.35	10.35	/ 5			
reaction time		interval			0.96	0.92		1.78		1.82		1.86		# of strides	3.97	2.70	
wind	1.4 m/s	velocity		6.64	10.42	10.87		11.24		10.99		10.75	9.66		7.56	11.11	

Goldman, Daniel (SWE) (1979)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2011 Windsprint (Sundsvall, SWE)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date	31-Jul-11	time			4.28			7.33		9.38		11.48	11.48	7 / 4			
reaction time		interval						3.05		2.05		2.10		# of strides	4.28	3.05	
wind	1.6 m/s	velocity			7.01			9.84		9.76		9.52	8.71		7.01	9.84	

Golubovic, Daniel (AUS) (1993)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	02-Aug-24	time	2.14	3.30	4.35	5.33	6.34	7.32	8.31	9.31	10.33	11.32	11.32	2 / 6			
reaction time	0.161	interval		1.16	1.05	0.98	1.01	0.98	0.99	1.00	1.02	0.99		# of strides	4.35	2.97	3.01
wind	0.9 m/s	velocity	4.67	8.62	9.52	10.20	9.90	10.20	10.10	10.00	9.80	10.10	8.83	46.0	6.90	10.10	9.97

Gomez, Mathieu (FRA) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)														*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date	10-Feb-09	time			4.07		5.98	6.93					6.93	8 / 8			
reaction time	0.164	interval					1.91	0.95						# of strides	4.07	2.86	
		velocity			7.37		10.47	10.53					8.66	31.5	7.37	10.49	

Gong Junbo (CHN) (2006)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.05	3.13	4.13			6.93	7.91	8.87	9.82	10.80	10.80	4 / 6		
reaction time	0.160	interval		1.08	1.00			2.80	0.98	0.96	0.95	0.98		# of strides	4.13	2.80	2.89
wind	-0.2 m/s	velocity	4.88	9.26	10.00			10.71	10.20	10.42	10.53	10.20	9.26	46.5	7.26	10.71	10.38

Heat 7 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.08	3.19	4.24	5.23	6.22	7.14	8.09	9.06	10.04	11.01	11.01	2 / 7		
reaction time	0.178	interval		1.11	1.05	0.99	0.99	0.92	0.95	0.97	0.98	0.97		# of strides	4.24	2.90	2.90
wind	-0.6 m/s	velocity	4.81	9.01	9.52	10.10	10.10	10.87	10.53	10.31	10.20	10.31	9.08	47.2	7.08	10.34	10.34

Heat 6 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.06	3.19	4.23	5.21	6.14	7.12					7.12	1 / 6		
reaction time	0.174	interval		1.13	1.04	0.98	0.93	0.98					=PB	# of strides	4.23	2.89	
		velocity	4.85	8.85	9.62	10.20	10.75	10.20					8.43	31.0	7.09	10.38	

Heat 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.05	3.16	4.22	5.22	6.21	7.19	8.17	9.16	10.18	11.23	11.23	8 / 7		
reaction time	0.175	interval		1.11	1.06	1.00	0.99	0.98	0.98	0.99	1.02	1.05		# of strides	4.22	2.97	2.99
wind	-1.6 m/s	velocity	4.88	9.01	9.43	10.00	10.10	10.20	10.20	10.10	9.80	9.52	8.90	48.7	7.11	10.10	10.03

Heat 11 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.17	3.32	4.38	5.37	6.37	7.38					7.38	1 / 5		
reaction time	0.216	interval		1.15	1.06	0.99	1.00	1.01						# of strides	4.38	3.00	
		velocity	4.61	8.70	9.43	10.10	10.00	9.90					8.13	31.0	6.85	10.00	

Heat 8 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.13	3.28	4.39	5.47	6.54	7.72					7.72	2 / 6		
reaction time	0.209	interval		1.15	1.11	1.08	1.07	1.18						# of strides	4.39	3.33	
		velocity	4.69	8.70	9.01	9.26	9.35	8.47					7.77	30.0	6.83	9.01	

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.12	3.22	4.25	5.26	6.22	7.17	8.15	9.13	10.11	11.12	11.12	6 / 3		
reaction time	0.197	interval		1.10	1.03	1.01	0.96	0.95	0.98	0.98	0.98	1.01		# of strides	4.25	2.92	2.94
wind	-0.1 m/s	velocity	4.72	9.09	9.71	9.90	10.42	10.53	10.20	10.20	10.20	9.90	8.99	48.0	7.06	10.27	10.20

González, José (DOM) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 7 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.05	4.00	4.92	5.83	6.72	7.60	8.51	9.43	10.40	10.40	8 / 8		
reaction time	0.164	interval		1.09	0.95	0.92	0.91	0.89	0.88	0.91	0.92	0.97		# of strides	4.00	2.72	2.71
wind	0.3 m/s	velocity	5.10	9.17	10.53	10.87	10.99	11.24	11.36	10.99	10.87	10.31	9.62	46.2	7.50	11.03	11.07

Goto, Tatsuki (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.95	3.06	4.07	5.04	5.99	6.94	7.90	8.87	9.86	10.87	10.87	1 / 9		
reaction time	0.158	interval		1.11	1.01	0.97	0.95	0.95	0.96	0.97	0.99	1.01		# of strides	4.07	2.87	2.92
wind	0.7 m/s	velocity	5.13	9.01	9.90	10.31	10.53	10.53	10.42	10.31	10.10	9.90	9.20	50.9	7.37	10.45	10.27

Green, Cejhae (ANT) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.9		6.7		8.5		10.45	10.45	3 / 8		
reaction time	0.151	interval				2.00		1.80		1.80		1.95		# of strides			
wind	-0.2 m/s	velocity		6.90		10.00		11.11		11.11		10.26	9.57	49.0			

Green, Joseph (GUM) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	2.04	3.15	4.15	5.12	6.06	6.99	7.94	8.89	9.86	10.85	10.85	7 / ~~5~~ 4		
reaction time	0.163	interval		1.11	1.00	0.97	0.94	0.93	0.95	0.95	0.97	0.99		# of strides	4.15	2.84	2.87
wind	-0.4 m/s	velocity	4.90	9.01	10.00	10.31	10.64	10.75	10.53	10.53	10.31	10.10	9.22	48.0	7.23	10.56	10.45

Greene, Cejhae (ANT) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 8 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.87	2.94	3.89	4.80	5.69	6.57	7.45	8.34	9.23	10.17	10.17	3 / 4		
reaction time	0.135	interval		1.07	0.95	0.91	0.89	0.88	0.88	0.89	0.89	0.94		# of strides	3.89	2.68	2.66
wind	0.2 m/s	velocity	5.35	9.35	10.53	10.99	11.24	11.36	11.36	11.24	11.24	10.64	9.83	47.2	7.71	11.19	11.28

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) *Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time		3.0		4.9		6.7		8.6		10.39	10.39	2 / 7		
reaction time	0.138	interval				1.90		1.80		1.90		1.79		# of strides			
wind	-0.1 m/s	velocity		6.67		10.53		11.11		10.53		11.17	9.62	49.0			

Greene, Maurice (USA) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	25-Jun-05	time	1.95	3.00	3.90	4.82	5.68	6.57	7.54				dnf	6 / --		
reaction time		interval		1.05	0.90	0.92	0.86	0.89	0.97					# of strides	3.90	2.67
wind	-2.3 m/s	velocity	5.13	9.52	11.11	10.87	11.63	11.24	10.31						7.69	11.24

FINAL - 2004 Olympic Games (Athens, GRE) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	22-Aug-04	time	1.88	2.92		5.60	6.44	7.29		9.01	9.87	9.87	7 / 3		
reaction time	0.151	interval		1.04		2.68	0.84	0.85		1.72	0.86		# of strides		2.57
wind	0.6 m\s	velocity	5.32	9.62		11.19	11.90	11.76		11.63	11.63	10.13	46.5		11.67

FINAL - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.94	2.92	3.87	4.74	5.61	6.47	7.31	8.17	9.02	9.91	9.91	3 / 1		
reaction time	0.126	interval		0.98	0.95	0.87	0.87	0.86	0.84	0.86	0.85	0.89		# of strides	3.87	2.60	2.55
wind	0.0 m/s	velocity	5.15	10.20	10.53	11.49	11.49	11.63	11.90	11.63	11.76	11.24	10.09	47.0	7.75	11.54	11.76

FINAL - 2001 IAAF World Championships (Edmonton, CAN) *Veney - split times from PJ*

date	05-Aug-01	time	1.83	2.83	3.75	4.64	5.50	6.35	7.19	8.05	8.91	9.82	9.82	4 / 1		
reaction time	0.132	interval		1.00	0.92	0.89	0.86	0.85	0.84	0.86	0.86	0.91		# of strides	3.75	2.60	2.56
wind	-0.2 m/s	velocity	5.46	10.00	10.87	11.24	11.63	11.76	11.90	11.63	11.63	10.99	10.18	45.5	8.00	11.54	11.72

FINAL - 2000 Olympic Games (Sydney, AUS) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	23-Sep-00	time	1.94	2.96	3.88	4.78	5.63	6.45	7.28	8.12	8.97	9.87	9.87	5 / 1		
reaction time	0.197	interval		1.02	0.92	0.90	0.85	0.82	0.83	0.84	0.85	0.90		# of strides	3.88	2.57	2.52
wind	-0.3 m/s	velocity	5.15	9.80	10.87	11.11	11.76	12.20	12.05	11.90	11.76	11.11	10.13	45.7	7.73	11.67	11.90

FINAL - 2000 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time		2.87	3.80	4.68	5.54	6.39		8.11		9.86	9.86	/ 1		
reaction time	0.142	interval			0.93	0.88	0.86	0.85		1.72		1.75		# of strides	3.80	2.59
wind	-0.2 m/s	velocity		6.97	10.75	11.36	11.63	11.76		11.63		11.43	10.14	45.9	7.89	11.58

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.73	2.76	3.68	4.56	5.42	6.26	7.11	7.96	8.81	9.67	9.80	5 / 1		
reaction time	0.132	interval		1.03	0.92	0.88	0.86	0.84	0.85	0.85	0.85	0.86	**CR**	# of strides	3.68	2.58	2.55
wind	0.2 m/s	velocity	5.78	9.71	10.87	11.36	11.63	11.90	11.76	11.76	11.76	11.63	10.20		8.15	11.63	11.76

Race 3 - 1999 Tsikilitiria Grand Prix II (Athens. GRE) *Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)*

date	16-Jun-99	time	1.86	2.89	3.81	4.69	5.57	6.40	7.23	8.09	8.94	9.79	9.79	4 / 1		
reaction time	0.162	interval		1.03	0.92	0.88	0.88	0.83	0.83	0.86	0.85	0.85	**WR**	# of strides	3.81	2.59	2.54
wind	0.1 m/s	velocity	5.38	9.71	10.87	11.36	11.36	12.05	12.05	11.63	11.76	11.76	10.21	45.6	7.87	11.58	11.81

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

date	03-Aug-97	time	1.71	2.75	3.67	4.55	5.42	6.27	7.12	7.98	8.85	9.73	9.86	3 / 1		
reaction time	0.134	interval		1.04	0.92	0.88	0.87	0.85	0.85	0.86	0.87	0.88	**=CR / PB**	# of strides	3.67	2.60	2.58
wind	0.2 m/s	velocity	5.85	9.62	10.87	11.36	11.49	11.76	11.76	11.63	11.49	11.36	10.14	45.9	8.17	11.54	11.63

FINAL - 1997 Weltklasse (Stuttgart, GER) *Arakelyan (1998) whether deliberate analysis?*

date	13-Jul-97	time			3.81			6.48		8.28		10.04	10.04	/ 2		
reaction time		interval						2.67		1.80		1.76		# of strides	3.81	2.67
wind	0.0 m/s	velocity			7.87			11.24		11.11		11.36	9.96		7.87	11.24

FINAL - 1997 USATF Championships (Indianapolis, IN) *Track Newsletter (1997) - USATF National Championships*

date	13-Jun-97	time					5.56					9.90	9.90	/ 1		
reaction time		interval										4.34		# of strides		
wind	0.2 m/s	velocity					8.99					11.52	10.10			

Griffith, Adrian (BAH) (1984)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.02	3.97	4.88		6.68		8.45		10.28	10.28	1 / 5			
reaction time	0.160	interval			0.95	0.91		1.80		1.77		1.83		# of strides	3.97	2.71	
wind	0.1 m/s	velocity		6.62	10.53	10.99		11.11		11.30		10.93	9.73		7.56	11.07	

Heat 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.02	3.97	4.88		6.70		8.50		10.37	10.37	4 / 3		
reaction time	0.167	interval			0.95	0.91		1.82		1.80		1.87		# of strides	3.97	2.73	
wind	-0.7 m/s	velocity		6.62	10.53	10.99		10.99		11.11		10.70	9.64		7.56	10.99	

Grillo, Beppo (MLT) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.97	3.06	4.05	4.99	5.92	6.83	7.79	8.75	9.72	10.69	10.69	3 / 5			
reaction time	0.154	interval		1.09	0.99	0.94	0.93	0.91	0.96	0.96	0.97	0.97		# of strides	4.05	2.78	2.89
wind	0.3 m/s	velocity	5.08	9.17	10.10	10.64	10.75	10.99	10.42	10.42	10.31	10.31	9.35	49.0	7.41	10.79	10.38

Grimes, Mickey (USA) (1976)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.88	2.98	3.97	4.85	5.74	6.61	7.49	8.34	9.25	10.22	10.22	7 / 7		
reaction time		interval		1.10	0.99	0.88	0.89	0.87	0.88	0.85	0.91	0.97		# of strides	3.97	2.64	2.64
wind	1.6 m/s	velocity	5.32	9.09	10.10	11.36	11.24	11.49	11.36	11.76	10.99	10.31	9.78	45.2	7.56	11.36	11.36

Heat 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.94	3.00	3.95	4.83	5.72	6.62	7.52	8.42	9.29	10.26	10.26	8 / 5		
reaction time		interval		1.06	0.95	0.88	0.89	0.90	0.90	0.90	0.87	0.97		# of strides	3.95	2.67	2.67
wind	1.8 m/s	velocity	5.15	9.43	10.53	11.36	11.24	11.11	11.11	11.11	11.49	10.31	9.75		7.59	11.24	11.24

Groth, Joel (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time			4.05			6.81		8.64		10.51	10.51	1 / 1			
reaction time		interval						2.76		1.83		1.87		# of strides	4.05	2.76	
wind	0.9 m/s	velocity			7.41			10.87		10.93		10.70	9.51		7.41	10.87	

A FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.14			6.89		8.70		10.58	10.58	1 / 8			
reaction time		interval						2.75		1.81		1.88		# of strides	4.14	2.75	
wind	3.0 m/s	velocity			7.25			10.91		11.05		10.64	9.45	44.7	7.25	10.91	

E FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.45			7.66		9.76		11.95	11.95	/ 4			
reaction time		interval						3.21		2.10		2.19		# of strides	4.45	3.21	
wind	0.2 m/s	velocity			6.74			9.35		9.52		9.13	8.37		6.74	9.35	

Groisard, Régis (FRA) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.93	3.00	3.99	4.90	5.80	6.72					6.72	/ 4			
reaction time		interval		1.07	0.99	0.91	0.90	0.92						# of strides	3.99	2.73	
		velocity	5.18	9.35	10.10	10.99	11.11	10.87					8.93		7.52	10.99	

Heat 2 - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.92	3.02	3.98	4.90	5.80	6.72					6.72	/ 3			
reaction time		interval		1.10	0.96	0.92	0.90	0.92						# of strides	3.98	2.74	
		velocity	5.21	9.09	10.42	10.87	11.11	10.87					8.93		7.54	10.95	

Grønnhaug, Jonas (NOR) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.14		6.14	7.13		9.10		11.15	11.15	4 / 3			
reaction time		interval					2.00	0.99		1.97		2.05		# of strides	4.14	2.99	
wind	1.5 m/s	velocity			7.25		10.00	10.10		10.15		9.76	8.97		7.25	10.03	

D FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time			4.09			6.97		8.86		10.83	10.83	2 / 5			
reaction time		interval						2.88		1.89		1.97		# of strides	4.09	2.88	
wind	3.1 m/s	velocity			7.33			10.42		10.58		10.15	9.23		7.33	10.42	

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.16			7.07		9.01		11.01	11.01	3 / 2			
reaction time		interval						2.91		1.94		2.00		# of strides	4.16	2.91	
wind	3.0 m/s	velocity			7.21			10.31		10.31		10.00	9.08		7.21	10.31	

D FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.20			7.19		9.17		11.19	11.19	/ 7			
reaction time		interval						2.99		1.98		2.02		# of strides	4.20	2.99	
wind	2.5 m/s	velocity			7.14			10.03		10.10		9.90	8.94		7.14	10.03	

E FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.18			7.12		9.08		11.10	11.10	1 / 4			
reaction time		interval						2.94		1.96		2.02		# of strides	4.18	2.94	
wind	1.8 m/s	velocity			7.18			10.20		10.20		9.90	9.01		7.18	10.20	

Grueso, Daniel (COL) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 8 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.05	4.01	4.92		6.71		8.46		10.27	10.27	8 / 4			
reaction time	0.155	interval			0.96	0.91		1.79		1.75		1.81		# of strides	4.01	2.70	
wind	0.0 m/s	velocity		6.56	10.42	10.99		11.17		11.43		11.05	9.74		7.48	11.11	

Gu Yuekai (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.97	3.01	3.98	4.93	5.85	6.74	7.66	8.60	9.56	10.52	10.52	3 / 5			

reaction time	0.150	interval		1.04	0.97	0.95	0.92	0.89	0.92	0.94	0.96	0.96	PB	# of strides	3.98	2.76	2.82
wind	0.0 m/s	velocity	5.08	9.62	10.31	10.53	10.87	11.24	10.87	10.64	10.42	10.42	9.51	16.7	7.54	10.87	10.64

Guo Yiyang (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23 time	1.99	3.06	4.07	5.00	5.92	6.84	7.75	8.68	9.62	10.62	10.62	6 / 2			
reaction time 0.157 interval		1.07	1.01	0.93	0.92	0.92	0.91	0.93	0.94	1.00		# of strides	4.07	2.77	2.78
wind 0.5 m/s velocity	5.03	9.35	9.90	10.75	10.87	10.87	10.99	10.75	10.64	10.00	9.42	45.2	7.37	10.83	10.79

Gvušč, Jírí (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.00	3.12	4.17	5.18	6.15	7.14	8.12	9.13	10.14	11.18	11.18	7 / 5			
reaction time 0.162 interval		1.12	1.05	1.01	0.97	0.99	0.98	1.01	1.01	1.04		# of strides	4.17	2.97	3.00
wind -3.4 m/s velocity	5.00	8.93	9.52	9.90	10.31	10.10	10.20	9.90	9.90	9.62	8.94		7.19	10.10	10.00
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.17		5.21		7.20		9.19		11.18	11.18	1 / 3			
reaction time 0.150 interval				2.04		1.99		1.99		1.99		# of strides			
wind -1.7 m/s velocity		6.31		9.80		10.05		10.05		10.05	8.94				

Haas, Christian (FRG) (1958)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)												*Francis (1997) - training for speed*			
date 29-Aug-87 time	1.99	3.07	4.09	5.01	5.94	6.88	7.81	8.75	9.70	10.65	10.65	1 / 5			
reaction time 0.176 interval		1.08	1.02	0.92	0.93	0.94	0.93	0.94	0.95	0.95		# of strides	4.09	2.79	2.82
wind -2.9 m/s velocity	5.03	9.26	9.80	10.87	10.75	10.64	10.75	10.64	10.53	10.53	9.39	45.0	7.33	10.75	10.64
FINAL - 1983 IAAF World Championships (Helsinki, FIN)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 08-Aug-83 time		2.91		4.81	5.73	6.63	7.53	8.44		10.32	10.32	4 / 6			
reaction time 0.137 interval				1.90	0.92	0.90	0.90	0.91		1.88		# of strides		6.63	
wind -0.3 m/s velocity		6.87		10.53	10.87	11.11	11.11	10.99		10.64	9.69	44.0		4.52	

Habrda, Filip (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.25		5.31		7.33		9.35		11.49	11.49	4 / 3			
reaction time 0.157 interval				2.06		2.02		2.02		2.14		# of strides			
wind -4.2 m/s velocity		6.15		9.71		9.90		9.90		9.35	8.70				

Hadid, Noureddine (LBN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)												*Omega Timing (2025) - diamond league race analysis*			
date 16-May-25 time	1.93	3.02	3.99	4.92	5.83	6.74	7.64	8.56	9.51	10.53	10.53	7 / 5			
reaction time 0.167 interval		1.09	0.97	0.93	0.91	0.91	0.90	0.92	0.95	1.02		# of strides	3.99	2.75	2.77
wind 1.4 m/s velocity	5.18	9.17	10.31	10.75	10.99	10.99	11.11	10.87	10.53	9.80	9.50	43.7	7.52	10.91	10.83

Hagberg, Erik (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.04			6.81		8.67		10.59	10.59	2 / 1			
reaction time interval						2.77		1.86		1.92		# of strides	4.04	2.77	
wind 0.3 m/s velocity			7.43			10.83		10.75		10.42	9.44		7.43	10.83	

Hain, Christian (CZE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	2.04	3.18	4.23	5.23	6.24	7.25					7.25	7 / 6			
reaction time 0.127 interval		1.14	1.05	1.00	1.01	1.01						# of strides	4.23	3.02	
velocity	4.90	8.77	9.52	10.00	9.90	9.90					8.28		7.09	9.93	

Hainuca, Gilbert (NAM) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.9		6.6		8.4		10.29	10.29	2 / 6			
reaction time 0.143 interval				1.90		1.70		1.80		1.89		# of strides			
wind 0.4 m/s velocity		6.67		10.53		11.76		11.11		10.58	9.72	48.7			

Hall, Elijah (USA) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												*Omega Timing (2022) - diamond league race analysis*			
date 06-Aug-22 time		3.00		4.86		6.61		8.35		10.14	10.14	2 / 6			
reaction time 0.119 interval				1.86		1.75		1.74		1.79		# of strides			
wind -0.7 m/s velocity		6.67		10.75		11.43		11.49		11.17	9.86	47.2			

Hall, Jeremy (USA) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.98	3.07	3.97	4.89	5.77	6.67	7.56	8.44	9.32	10.26	10.26	7 / 8			
reaction time interval		1.09	0.90	0.92	0.88	0.90	0.89	0.88	0.88	0.94		# of strides	3.97	2.70	2.65
wind 1.6 m/s velocity	5.05	9.17	11.11	10.87	11.36	11.11	11.24	11.36	11.36	10.64	9.75	45.0	7.56	11.11	11.32

Heat 2 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.98	2.97	3.97	4.87	5.75	6.64	7.47	8.41	9.32	10.26	10.26	4 / 6		
reaction time		interval		0.99	1.00	0.90	0.88	0.89	0.83	0.94	0.91	0.94		# of strides	3.97	2.67	2.68
wind	1.8 m/s	velocity	5.05	10.10	10.00	11.11	11.36	11.24	12.05	10.64	10.99	10.64	9.75		7.56	11.24	11.19

Hällman, Simon (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

H FINAL - 2013 Windsprint (Sundsvall, SWE) — *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.51			7.66		9.73		11.83	11.83	5 / 2			
reaction time		interval						3.15		2.07		2.10		# of strides	4.51	3.15	
wind	1.8 m/s	velocity			6.65			9.52		9.66		9.52	8.45		6.65	9.52	

Hansen, Simon (DEN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) — *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.91	2.97	3.94	4.86	5.75	6.66					6.66	2 / 6			
reaction time	0.136	interval		1.06	0.97	0.92	0.89	0.91						# of strides	3.94	2.72	
		velocity	5.24	9.43	10.31	10.87	11.24	10.99					9.01		7.61	11.03	

Heat 6 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.93	3.01	3.98	4.89	5.80	6.70	7.62	8.53	9.45	10.39	10.39	9 / 7			
reaction time	0.134	interval		1.08	0.97	0.91	0.91	0.90	0.92	0.91	0.92	0.94		# of strides	3.98	2.72	2.75
wind	-1.1 m/s	velocity	5.18	9.26	10.31	10.99	10.99	11.11	10.87	10.99	10.87	10.64	9.62	47.0	7.54	11.03	10.91

Hara, Shota (JPN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Fuse Sprint (Fuse, JPN) — *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	04-Jun-17	time	1.87	2.94	3.90	4.80	5.68	6.56	7.44	8.33	9.22	10.13	10.13	/ 3			
reaction time		interval		1.07	0.96	0.90	0.88	0.88	0.88	0.89	0.89	0.91	PB	# of strides	3.90	2.66	2.66
wind	1.9 m/s	velocity	5.35	9.35	10.42	11.11	11.36	11.36	11.36	11.24	11.24	10.99	9.87	49.0	7.69	11.28	11.28

FINAL - 2016 Fuse Sprint (Tottori, JPN) — *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.92	2.99	3.95	4.87	5.77	6.67	7.58	8.49	9.39	10.31	10.31	/ 6			
reaction time		interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.90	0.92	PB	# of strides	3.95	2.72	2.72
wind	-0.5 m/s	velocity	5.21	9.35	10.42	10.87	11.11	11.11	10.99	10.99	11.11	10.87	9.70	46.3	7.59	11.03	11.03

Hardee, Trey (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		2.98		4.87		6.70		8.54		10.45	10.45	5 / 1			
reaction time	0.130	interval				1.89		1.83		1.84		1.91		# of strides			
wind	0.2 m/s	velocity		6.71		10.58		10.93		10.87		10.47	9.57				

Harden, Tim (USA) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1999 IAAF World Championships (Sevilla, ESP) — *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	23-Aug-03	time	1.73	2.75	3.67	4.57	5.46	6.32	7.19	8.08	8.97	9.88	10.02	3 / 5			
reaction time	0.136	interval		1.02	0.92	0.90	0.89	0.86	0.87	0.89	0.89	0.91		# of strides	3.67	2.65	2.65
wind	0.2 m/s	velocity	5.78	9.80	10.87	11.11	11.24	11.63	11.49	11.24	11.24	10.99	9.98		8.17	11.32	11.32

FINAL - 1996 USA Olympic Trials (Atlanta, GA) — *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.87		3.87		5.61				9.11	10.07	10.07	3 / 5			
reaction time		interval			2.00		1.74				3.50	0.96		# of strides	3.87		
wind	1.1 m/s	velocity	5.35		10.00		11.49				11.43	10.42	9.93		7.75		

Hargrett, Chrisdon (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.97	3.02	3.95	4.86	5.72	6.62	7.47	8.61	9.98	12.11	12.11	7 / 8			
reaction time		interval		1.05	0.93	0.91	0.86	0.90	0.85	1.14	1.37	2.13		# of strides	3.95	2.67	3.36
wind	2.2 m/s	velocity	5.08	9.52	10.75	10.99	11.63	11.11	11.76	8.77	7.30	4.69	8.26		7.59	11.24	8.93

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.87	2.98	3.90	4.82	5.71	6.59	7.45	8.31	9.19	10.12	10.12	8 / 4			
reaction time		interval		1.11	0.92	0.92	0.89	0.88	0.86	0.86	0.88	0.93	PB	# of strides	3.90	2.69	2.60
wind	1.6 m/s	velocity	5.35	9.01	10.87	10.87	11.24	11.36	11.63	11.63	11.36	10.75	9.88	47.7	7.69	11.15	11.54

Heat 4 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.98	3.00	3.97	4.84	5.69	6.60	7.46	8.32	9.25	10.19	10.19	5 / 6			
reaction time		interval		1.02	0.97	0.87	0.85	0.91	0.86	0.86	0.93	0.94		# of strides	3.97	2.63	2.65
wind	0.8 m/s	velocity	5.05	9.80	10.31	11.49	11.76	10.99	11.63	11.63	10.75	10.64	9.81		7.56	11.41	11.32

Harris, Adam (GUY) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.99	3.95	4.86		6.69		8.50		10.39	10.39	8 / 5			
reaction time	0.144	interval			0.96	0.91		1.83		1.81		1.89		# of strides	3.95	2.74	
wind	-0.7 m/s	velocity		6.69	10.42	10.99		10.93		11.05		10.58	9.62		7.59	10.95	

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

date	15-Aug-09	time		2.98	3.93	4.83		6.65		8.46		10.35	10.35	8 / 3			
reaction time	0.134	interval			0.95	0.90		1.82		1.81		1.89		# of strides	3.93	2.72	
wind	-0.4 m/s	velocity		6.71	10.53	11.11		10.99		11.05		10.58	9.66		7.63	11.03	

Harris, Cedric (USA) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)														*USATF Women's Sprint Development (2005)*			
date	23-Jun-05	time	2.00	3.10	4.06	5.03	5.96	6.89	7.81	8.81	9.83	10.83	10.83	2 / 7			
reaction time		interval		1.10	0.96	0.97	0.93	0.93	0.92	1.00	1.02	1.00		# of strides	4.06	2.83	2.94
wind	-0.4 m/s	velocity	5.00	9.09	10.42	10.31	10.75	10.75	10.87	10.00	9.80	10.00	9.23		7.39	10.60	10.20

Harris, Naquille (SKN) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.95	3.05	4.02	4.95	5.86	6.75	7.64	8.55	9.46	10.38	10.38	1 / 7			
reaction time	0.163	interval		1.10	0.97	0.93	0.91	0.89	0.89	0.91	0.91	0.92		# of strides	4.02	2.73	2.71
wind	-0.2 m/s	velocity	5.13	9.09	10.31	10.75	10.99	11.24	11.24	10.99	10.99	10.87	9.63	46.2	7.46	10.99	11.07

Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	3.07	4.04	4.96	5.85	6.75	7.64	8.53	9.42	10.33	10.33	3 / 1			
reaction time	0.189	interval		1.10	0.97	0.92	0.89	0.90	0.89	0.89	0.89	0.91		# of strides	4.04	2.71	2.67
wind	-0.4 m/s	velocity	5.08	9.09	10.31	10.87	11.24	11.11	11.24	11.24	11.24	10.99	9.68	46.2	7.43	11.07	11.24

Harris, Odell (USA) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
date	22-Jun-06	time	2.00	3.07	4.03	4.96	5.82	6.71	7.61	8.53	9.49	10.40	10.40	5 / 3			
reaction time		interval		1.07	0.96	0.93	0.86	0.89	0.90	0.92	0.96	0.91		# of strides	4.03	2.68	2.78
wind	1.5 m/s	velocity	5.00	9.35	10.42	10.75	11.63	11.24	11.11	10.87	10.42	10.99	9.62		7.44	11.19	10.79

Harrison, Eric (TTO) (1999)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.0		4.9		6.7		8.5		10.44	10.44	2 / 7			
reaction time	0.172	interval				1.90		1.80		1.80		1.94		# of strides			
wind	-0.2 m/s	velocity		6.67		10.53		11.11		11.11		10.31	9.58	51.0			

Hartmann, Joshua (GER) (1999)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational - 2024 Memorial van damme (Brussels, BEL)														*Omega Timing (2024) - diamond league race analysis*			
date	14-Sep-24	time	1.94	3.01	3.97	4.88	5.79	6.68	7.57	8.47	9.38	10.30	10.30	3 / 3			
reaction time	0.140	interval		1.07	0.96	0.91	0.91	0.89	0.89	0.90	0.91	0.92		# of strides	3.97	2.71	2.70
wind	0.0 m/s	velocity	5.15	9.35	10.42	10.99	10.99	11.24	11.24	11.11	10.99	10.87	9.71		7.56	11.07	11.11

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

date	04-Aug-24	time	1.92	2.97	3.92	4.83	5.71	6.59	7.48	8.36	9.26	10.16	10.16	9 / 7			
reaction time	0.141	interval		1.05	0.95	0.91	0.88	0.88	0.89	0.88	0.90	0.90		# of strides	3.92	2.67	2.67
wind	0.0 m/s	velocity	5.21	9.52	10.53	10.99	11.36	11.36	11.24	11.36	11.11	11.11	9.84	43.2	7.65	11.24	11.24

Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.93	2.98	3.92	4.82	5.70	6.59	7.46	8.34	9.24	10.16	10.16	7 / 3			
reaction time	0.143	interval		1.05	0.94	0.90	0.88	0.89	0.87	0.88	0.90	0.92		# of strides	3.92	2.67	2.65
wind	0.2 m/s	velocity	5.18	9.52	10.64	11.11	11.36	11.24	11.49	11.36	11.11	10.87	9.84	44.0	7.65	11.24	11.32

FINAL - 2024 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2024) - diamond league race analysis*

date	02-Jun-24	time	1.92	2.98	3.93	4.85	5.76	6.65	7.55	8.46	9.38	10.30	10.30	1 / 6			
reaction time	0.138	interval		1.06	0.95	0.92	0.91	0.89	0.90	0.91	0.92	0.92		# of strides	3.93	2.72	2.73
wind	-1.0 m/s	velocity	5.21	9.43	10.53	10.87	10.99	11.24	11.11	10.99	10.87	10.87	9.71	44.0	7.63	11.03	10.99

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

date	16-Sep-23	time	1.95	3.01	3.97	4.87	5.76	6.64	7.52	8.41	9.31	10.30	10.30	9 / 7			
reaction time	0.152	interval		1.06	0.96	0.90	0.89	0.88	0.88	0.89	0.90	0.99		# of strides	3.97	2.67	2.67
wind	0.1 m/s	velocity	5.13	9.43	10.42	11.11	11.24	11.36	11.36	11.24	11.11	10.10	9.71	43.7	7.56	11.24	11.24

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

date	21-Jul-23	time	1.93	2.99	3.94	4.84	5.72	6.59	7.47	8.35	9.24	10.15	10.15	1 / 6			
reaction time	0.159	interval		1.06	0.95	0.90	0.88	0.87	0.88	0.88	0.89	0.91		# of strides	3.94	2.65	2.65
wind	0.6 m/s	velocity	5.18	9.43	10.53	11.11	11.36	11.49	11.36	11.36	11.24	10.99	9.85	44.0	7.61	11.32	11.32

FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.89	2.97	3.93	4.85	5.75	6.64	7.53	8.43	9.35	10.23	10.23	8 / 3			
reaction time	0.160	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.92	0.88		# of strides	3.93	2.71	2.71
wind	1.0 m/s	velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.87	11.36	9.78	44.0	7.63	11.07	11.07

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.96	3.02	3.98	4.89	5.78	6.67	7.54	8.43	9.33	10.23	10.23	5 / 1			
reaction time	0.153	interval		1.06	0.96	0.91	0.89	0.89	0.87	0.89	0.90	0.90		# of strides	3.98	2.69	2.66
wind	-0.1 m/s	velocity	5.10	9.43	10.42	10.99	11.24	11.24	11.49	11.24	11.11	11.11	9.78		7.54	11.15	11.28

Hartych, Vít (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.31		5.43		7.47		9.48		11.59	11.59	7 / 5			
reaction time 0.183	interval			2.12		2.04		2.01		2.11		# of strides			
wind -2.7 m/s	velocity	6.04		9.43		9.80		9.95		9.48	8.63				

Harvey, Jak Ali (TUR) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)												*Omega Timing (2021) - diamond league race analysis*			
date 10-Jun-21	time	3.1		5.0		6.8		8.6		10.46	10.46	8 / 8			
reaction time 0.153	interval			1.90		1.80		1.80		1.86		# of strides			
wind -0.1 m/s	velocity	6.45		10.53		11.11		11.11		10.75	9.56	46.5			

Harvey, Jacques (JAM) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		3.91			6.53		8.24		10.03	10.03	3 / 1			
reaction time	interval					2.62		1.71		1.79		# of strides	3.91	2.62	
wind 2.8 m/s	velocity		7.67			11.45		11.70		11.17	9.97		7.67	11.45	

Hašek, Josef (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.22		5.34		7.43		9.54		11.74	11.74	2 / 7			
reaction time 0.135	interval			2.12		2.09		2.11		2.20		# of strides			
wind -2.7 m/s	velocity	6.21		9.43		9.57		9.48		9.09	8.52				

Hashimoto, Akiyuki (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)												*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-12	time				5.85	6.75	7.65	8.59	9.53	10.50	10.50	7 / 2			
reaction time	interval					0.90	0.90	0.94	0.94	0.97		# of strides			2.78
wind 0.0 m/s	velocity				8.55	11.11	11.11	10.64	10.64	10.31	9.52				10.79
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date 04-Aug-11	time				5.95	6.89	7.82	8.76	9.72	10.72	10.72	1 / 5			
reaction time	interval					0.94	0.93	0.94	0.96	1.00		# of strides			2.83
wind -0.5 m/s	velocity				8.40	10.64	10.75	10.64	10.42	10.00	9.33				10.60

Hayamizu, Isamu (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)												*Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-08	time	2.01	3.11	4.10	5.04	5.96	6.89	7.80	8.73	9.67	10.62	10.62	/ 3			
reaction time	interval		1.10	0.99	0.94	0.92	0.93	0.91	0.93	0.94	0.95		# of strides	4.10	2.79	2.78
wind -0.1 m/s	velocity	9.95	9.09	10.10	10.64	10.87	10.75	10.99	10.75	10.64	10.53	9.42		7.32	10.75	10.79

Hayashi, Kanata (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	1.91	3.00	4.00	4.95	5.90	6.84	7.79	8.75	9.73	10.72	10.72	3 / 1			
reaction time 0.144	interval		1.09	1.00	0.95	0.95	0.94	0.95	0.96	0.98	0.99		# of strides	4.00	2.84	2.89
wind -2.4 m/s	velocity	5.24	9.17	10.00	10.53	10.53	10.64	10.53	10.42	10.20	10.10	9.33	50.2	7.50	10.56	10.38
Heat 2 - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	1.90	2.98	3.97	4.91	5.84	6.77	7.71	8.66	9.63	10.62	10.62	5 / 1			
reaction time 0.149	interval		1.08	0.99	0.94	0.93	0.93	0.94	0.95	0.97	0.99		# of strides	3.97	2.80	2.86
wind -0.2 m/s	velocity	5.26	9.26	10.10	10.64	10.75	10.75	10.64	10.53	10.31	10.10	9.42	49.3	7.56	10.71	10.49
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19	time			4.06		6.00				10.92	10.92	8 / 7			
reaction time 0.155	interval					1.94				4.92		# of strides	4.06		
wind -2.3 m/s	velocity			7.39		3.33				10.16	9.16		7.39		
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)												*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date 05-Aug-19	time	1.89	2.95	3.91	4.82	5.72	6.61	7.50	8.41	9.33	10.29	10.29	4 / 2			
reaction time	interval		1.06	0.96	0.91	0.90	0.89	0.89	0.91	0.92	0.96		# of strides	3.91	2.70	2.72
wind 2.9 m/s	velocity	5.29	9.43	10.42	10.99	11.11	11.24	11.24	10.99	10.87	10.42	9.72	47.0	7.67	11.11	11.03

Hayashi, Raito (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 26-May-18	time			4.10		6.94				9.75	10.76	10.76	4 / 3			
reaction time	interval					2.84				2.81	1.01		# of strides	4.10	2.84	2.81
wind 2.3 m/s	velocity			7.32		10.56				10.68	9.90	9.29	49.3	7.32	10.56	10.68

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time			4.13		6.97				10.93	10.93	6 / 4		
reaction time		interval					2.84				3.96		# of strides	4.13	2.84
wind	2.1 m/s	velocity			7.26		10.56				10.10	9.15	50.5	7.26	10.56

He Jinxian (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	1.92	2.95	3.93	4.83	5.72	6.60	7.49	8.41	9.30	10.21	10.21	6 / 1			
reaction time 0.157 interval		1.03	0.98	0.90	0.89	0.88	0.89	0.92	0.89	0.91		# of strides	3.93	2.67	2.70
wind 0.6 m/s velocity	5.21	9.71	10.20	11.11	11.24	11.36	11.24	10.87	11.24	10.99	9.79	46.0	7.63	11.24	11.11
Semi-Final 3 - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	1.97	3.00	3.96	4.88	5.77	6.64	7.53	8.44	9.35	10.27	10.27	5 / 1			
reaction time 0.157 interval		1.03	0.96	0.92	0.89	0.87	0.89	0.91	0.91	0.92		# of strides	3.96	2.68	2.71
wind -0.2 m/s velocity	5.08	9.71	10.42	10.87	11.24	11.49	11.24	10.99	10.99	10.87	9.74	46.0	7.58	11.19	11.07
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	1.95	2.98	3.90	4.79	5.67	6.52	7.38	8.25	9.16	10.06	10.06	4 / 1			
reaction time 0.173 interval		1.03	0.92	0.89	0.88	0.85	0.86	0.87	0.91	0.90	NU20R PB	# of strides	3.90	2.62	2.64
wind 1.1 m/s velocity	5.13	9.71	10.87	11.24	11.36	11.76	11.63	11.49	10.99	11.11	9.94	46.0	7.69	11.45	11.36
Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-Jun-24 time	1.96	2.99	3.95	4.86	5.77	6.65	7.54	8.43	9.34	10.34	10.34	5 / 1			
reaction time 0.169 interval		1.03	0.96	0.91	0.91	0.88	0.89	0.89	0.91	1.00		# of strides	3.95	2.70	2.69
wind 0.0 m/s velocity	5.10	9.71	10.42	10.99	10.99	11.36	11.24	11.24	10.99	10.00	9.67	46.5	7.59	11.11	11.15
B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-Feb-24 time		3.00	4.05	4.96	5.89	6.82					6.82	4 / 5			
reaction time interval			1.05	0.91	0.93	0.93					PB	# of strides	4.05	2.77	
velocity		6.67	9.52	10.99	10.75	10.75					8.80	29.2	7.41	10.83	

Heard, Jason (USA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.96	3.03	4.00	4.88	5.81	6.67	7.57	8.46	9.38	10.32	10.32	1 / 7			
reaction time interval		1.07	0.97	0.88	0.93	0.86	0.90	0.89	0.92	0.94		# of strides	4.00	2.67	2.71
wind 1.4 m/s velocity	5.10	9.35	10.31	11.36	10.75	11.63	11.11	11.24	10.87	10.64	9.69		7.50	11.24	11.07

Heddad, Rachid (MAR) (1968)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 1996 International French Championships (Bercy, FRA)								*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*							
date 10-Feb-96 time	1.94	3.04	4.01	4.95	5.89	6.81					6.81	/ 5			
reaction time interval		1.10	0.97	0.94	0.94	0.92						# of strides	4.01	2.80	
velocity	5.15	9.09	10.31	10.64	10.64	10.87					8.81		7.48	10.71	

Hedner, Lars (SWE) (1967)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94 time			4.07			6.77		8.55		10.40	10.40	/ 8			
reaction time interval						2.70		1.78		1.85		# of strides	4.07	2.70	
wind 1.8 m/s velocity			7.37			11.11		11.24		10.81	9.62		7.37	11.11	

Hellbrat, Douglas (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.11		6.01	6.94		8.82		10.73	10.73	8 / 6			
reaction time interval					1.90	0.93		1.88		1.91		# of strides	4.11	2.83	
wind 1.8 m/s velocity			7.30		10.53	10.75		10.64		10.47	9.32		7.30	10.60	
E FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15 time			4.18			7.13		9.09		11.07	11.07	6 / 2			
reaction time interval						2.95		1.96		1.98		# of strides	4.18	2.95	
wind 1.1 m/s velocity			7.18			10.17		10.20		10.10	9.03		7.18	10.17	

Helmke, Till (GER) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.08	4.06	5.00		6.83		8.69		10.52	10.52	/ 1			
reaction time 0.162 interval			0.98	0.94		1.83		1.86		1.83		# of strides	4.06	2.77	
wind 1.5 m/s velocity		6.49	10.20	10.64		10.93		10.75		10.93	9.51		7.39	10.83	

Helsing, Yonathan (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.27		6.19	7.13		9.05		11.05	11.05	8 / 6			
reaction time interval					1.92	0.94		1.92		2.00		# of strides	4.27	2.86	
wind 1.5 m/s velocity			7.03		10.42	10.64		10.42		10.00	9.05		7.03	10.49	

A FINAL - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time	4.21	7.08		10.95	10.95	7 / 6		
reaction time		interval		2.87		3.87	PB	# of strides	4.21	2.87
wind	1.4 m/s	velocity	7.13	10.45		10.34	9.13		7.13	10.45

Heat 2 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time	4.21	7.08		11.03	11.03	5 / 2		
reaction time		interval		2.87		3.95	PB	# of strides	4.21	2.87
wind	0.7 m/s	velocity	7.13	10.45		10.13	9.07		7.13	10.45

E FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time	4.20	7.21	9.19	11.22	11.22	2 / 3		
reaction time		interval		3.01	1.98	2.03		# of strides	4.20	3.01
wind	1.1 m/s	velocity	7.14	9.97	10.10	9.85	8.91		7.14	9.97

D FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.19	7.05	8.90	10.84	10.84	7 / 6		
reaction time		interval		2.86	1.85	1.94		# of strides	4.19	2.86
wind	3.1 m/s	velocity	7.16	10.49	10.81	10.31	9.23		7.16	10.49

E FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.29	7.20	9.13	11.14	11.14	1 / 7		
reaction time		interval		2.91	1.93	2.01		# of strides	4.29	2.91
wind	2.8 m/s	velocity	6.99	10.31	10.36	9.95	8.98		6.99	10.31

Henderson, Jamie (GBR) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 17-Jul-86 time	1.92	2.99	3.98	4.85	5.74	6.65	7.56	8.55	9.41	10.34	10.34	/ 3			
reaction time interval		1.07	0.99	0.87	0.89	0.91	0.91	0.99	0.86	0.93		# of strides	3.98	2.67	2.76
wind 0.8 m/s velocity	5.21	9.35	10.10	11.49	11.24	10.99	10.99	10.10	11.63	10.75	9.67		7.54	11.24	10.87

Hendriks, Olivier (NED) (2003) (T62)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23 time	2.24	3.43	4.49	5.50	6.48	7.43	8.40	9.37	10.36	11.39	11.39	2 / 5			
reaction time 0.209 interval		1.19	1.06	1.01	0.98	0.95	0.97	0.97	0.99	1.03		# of strides	4.49	2.94	2.93
wind 0.0 m/s velocity	4.46	8.40	9.43	9.90	10.20	10.53	10.31	10.31	10.10	9.71	8.78	49.5	6.68	10.20	10.24

Hession, Paul (IRL) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.07			6.85		8.66		10.53	10.53	/ 2			
reaction time interval						2.78		1.81		1.87		# of strides	4.07	2.78	
wind 1.0 m/s velocity			7.37			10.79		11.05		10.70	9.50		7.37	10.79	

Hicklin, Brandon (USA) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 03-May-25 time	1.97	3.00	3.95	4.82	5.69	6.59	7.38	8.29	9.17	9.98	9.98	2 / 5			
reaction time 0.180 interval		1.03	0.95	0.87	0.87	0.90	0.79	0.91	0.88	0.81		# of strides	3.95	2.64	2.58
wind 2.4 m/s velocity	5.08	9.71	10.53	11.49	11.49	11.11	12.66	10.99	11.36	12.35	10.02	44.0	7.59	11.36	11.63
FINAL - 2024 Memorial van damme (Brussels, BEL)												*Omega Timing (2024) - diamond league race analysis*			
date 13-Sep-24 time	1.91	2.97	3.91	4.82	5.69	6.58	7.45	8.34	9.23	10.13	10.13	2 / 7			
reaction time 0.175 interval		1.06	0.94	0.91	0.87	0.89	0.87	0.89	0.89	0.90		# of strides	3.91	2.67	2.65
wind 0.1 m/s velocity	5.24	9.43	10.64	10.99	11.49	11.24	11.49	11.24	11.24	11.11	9.87	44.0	7.67	11.24	11.32
FINAL - 2024 Prefontaine Classic (Eugene, OR)												*Omega Timing (2024) - diamond league race analysis*			
date 25-May-24 time	1.89	2.95	3.90	4.79	5.67	6.54	7.41	8.28	9.17	10.08	10.08	6 / 3			
reaction time 0.142 interval		1.06	0.95	0.89	0.88	0.87	0.87	0.87	0.89	0.91		# of strides	3.90	2.64	2.63
wind 1.2 m/s velocity	5.29	9.43	10.53	11.24	11.36	11.49	11.49	11.49	11.24	10.99	9.92	43.0	7.69	11.36	11.41

Hidaka, Kazuyoshi (JPN) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	1.89	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.40	10.36	10.36	/ 4			
reaction time interval		1.06	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.96		# of strides	3.91	2.73	2.76
wind 2.7 m/s velocity	5.29	9.43	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.42	9.65		7.67	10.99	10.87

Higashida, Akihiro (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.95	3.03	3.98	4.87	5.75	6.63	7.53	8.41	9.33	10.19	10.19	9 / 5			
reaction time 0.129 interval		1.08	0.95	0.89	0.88	0.88	0.90	0.88	0.92	0.86		# of strides	3.98	2.65	2.70
wind 0.6 m/s velocity	5.13	9.26	10.53	11.24	11.36	11.36	11.11	11.36	10.87	11.63	9.81	47.5	7.54	11.32	11.11

FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time		3.93		5.75				10.34	10.34	4 / 1			
reaction time	0.154	interval				1.82				4.59		# of strides	3.93		
wind	-0.1 m/s	velocity		7.63		3.48				10.89	9.67	47.2	7.63		

Hill, Ronald (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.02	3.12	4.15	5.12	6.04	6.99	7.92	8.89	9.84	10.83	10.83	8 / 8			
reaction time	interval		1.10	1.03	0.97	0.92	0.95	0.93	0.97	0.95	0.99		# of strides	4.15	2.84	2.85
wind 0.0 m/s	velocity	4.95	9.09	9.71	10.31	10.87	10.53	10.75	10.31	10.53	10.10	9.23		7.23	10.56	10.53

Hilmersson, Jonas (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			4.14			7.07		9.02		11.09	11.09	/ 2			
reaction time	interval						2.93		1.95		2.07		# of strides	4.14	2.93	
wind 3.0 m/s	velocity			7.25			10.24		10.26		9.66	9.02		7.25	10.24	
C FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.24			7.27		9.35		11.47	11.47	/ 8			
reaction time	interval						3.03		2.08		2.12		# of strides	4.24	3.03	
wind -0.4 m/s	velocity			7.08			9.90		9.62		9.43	8.72		7.08	9.90	

Hilton, Cody (USA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24	time	1.97	3.04	4.00	4.91	5.80	6.71	7.61	8.49	9.40	10.33	10.33	2 / 2			
reaction time 0.154	interval		1.07	0.96	0.91	0.89	0.91	0.90	0.88	0.91	0.93		# of strides	4.00	2.71	2.69
wind -1.6 m/s	velocity	5.08	9.35	10.42	10.99	11.24	10.99	11.11	11.36	10.99	10.75	9.68		7.50	11.07	11.15

Hinchliffe, Louie (GBR) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24	time	1.91	2.99	3.94	4.83	5.70	6.55	7.40	8.25	9.13	9.97	9.97	5 / 3			
reaction time 0.145	interval		1.08	0.95	0.89	0.87	0.85	0.85	0.85	0.88	0.84		# of strides	3.94	2.61	2.58
wind 0.7 m/s	velocity	5.24	9.26	10.53	11.24	11.49	11.76	11.76	11.76	11.36	11.90	10.03	46.0	7.61	11.49	11.63
Heat 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.94	3.01	3.95	4.84	5.70	6.55	7.40	8.26	9.12	9.98	9.98	3 / 1			
reaction time 0.146	interval		1.07	0.94	0.89	0.86	0.85	0.85	0.86	0.86	0.86		# of strides	3.95	2.60	2.57
wind -0.2 m/s	velocity	5.15	9.35	10.64	11.24	11.63	11.76	11.76	11.63	11.63	11.63	10.02	47.0	7.59	11.54	11.67
FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24	time	1.99	3.04	3.99	4.88	5.74	6.59	7.43	8.27	9.14	9.97	9.97	6 / 4			
reaction time 0.185	interval		1.05	0.95	0.89	0.86	0.85	0.84	0.84	0.87	0.83		# of strides	3.99	2.60	2.55
wind -0.3 m/s	velocity	5.03	9.52	10.53	11.24	11.63	11.76	11.90	11.90	11.49	12.05	10.03	46.7	7.52	11.54	11.76

Hinds, Andrew (BAR) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		2.96	3.91	4.82		6.61		8.38		10.23	10.23	4 / 4			
reaction time 0.128	interval			0.95	0.91		1.79		1.77		1.85		# of strides	3.91	2.70	
wind 0.1 m/s	velocity		6.76	10.53	10.99		11.17		11.30		10.81	9.78		7.67	11.11	
Heat 7 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.00	3.96	4.87		6.67		8.46		10.30	10.30	4 / 1			
reaction time 0.150	interval			0.96	0.91		1.80		1.79		1.84		# of strides	3.96	2.71	
wind 0.4 m/s	velocity		6.67	10.42	10.99		11.11		11.17		10.87	9.71		7.58	11.07	
FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			3.92			6.59		8.33		10.19	10.19	/ 2			
reaction time	interval						2.67		1.74		1.86		# of strides	3.92	2.67	
wind 1.0 m/s	velocity			7.65			11.24		11.49		10.75	9.81		7.65	11.24	

Hines, Jim (USA) (1946)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1968 Olympic Games (Mexico City, MEX) (Altitude)												*Tepper (1978) - Analyse der traininsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F*			
date 14-Oct-68	time			3.84			6.48		8.20		9.95	9.95	3 / 1			
reaction time	interval						2.64		1.72		1.75	**WR**	# of strides	3.84	2.64	
wind 0.3 m/s	velocity			7.81			11.36		11.63		11.43	10.05	45.0	7.81	11.36	

Hirano, Shodai (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	1.93	3.02	4.01	4.97	5.92	6.86	7.82	8.78	9.77	10.78	10.78	7 / 2			
reaction time 0.155	interval		1.09	0.99	0.96	0.95	0.94	0.96	0.96	0.99	1.01		# of strides	4.01	2.85	2.91
wind -2.4 m/s	velocity	5.18	9.17	10.10	10.42	10.53	10.64	10.42	10.42	10.10	9.90	9.28	49.3	7.48	10.53	10.31
Heat 1 - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			

date	24-Oct-20	time	1.94	3.04	4.03	4.99	5.93	6.87	7.81	8.78	9.76	10.77	10.77	5 / 2			
reaction time	0.143	interval		1.10	0.99	0.96	0.94	0.94	0.94	0.97	0.98	1.01		# of strides	4.03	2.84	2.89
wind	-1.1 m/s	velocity	5.15	9.09	10.10	10.42	10.64	10.64	10.64	10.31	10.20	9.90	9.29	49.0	7.44	10.56	10.38

Hirao, Yuki (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) — *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	29-Apr-17	time	1.87	2.95	3.93	4.87	5.79	6.71	7.62	8.54	9.46	10.41	10.41	/ 2			
reaction time		interval		1.08	0.98	0.94	0.92	0.92	0.91	0.92	0.92	0.95		# of strides	3.93	2.78	2.75
wind	-0.3 m/s	velocity	5.35	9.26	10.20	10.64	10.87	10.87	10.99	10.87	10.87	10.53	9.61	50.1	7.63	10.79	10.91

Hirscht, Jobst (FRG) (1948)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1972 Olympic Games (Munich, FRG) — *Breizer (1984) - sprint competition analysis*

date	01-Sep-72	time			3.94			6.67		8.50		10.40	10.40	7 / 6			
reaction time		interval						2.73		1.83		1.90		# of strides	3.94	2.73	
wind	0.3 m/s	velocity			7.61			10.99		10.93		10.53	9.62	49.5	7.61	10.99	

Hirsiger, Alexis (SUI) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	30-Jun-23	time	1.99	3.08	4.08	5.03	5.96	6.90	7.84	8.79	9.75	10.73	10.73	5 / 3			
reaction time	0.183	interval		1.09	1.00	0.95	0.93	0.94	0.94	0.95	0.96	0.98		# of strides	4.08	2.82	2.85
wind	-0.8 m/s	velocity	5.03	9.17	10.00	10.53	10.75	10.64	10.64	10.53	10.42	10.20	9.32		7.35	10.64	10.53

Hjelle, Øivind (NOR) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

G FINAL - 2013 Windsprint (Sundsvall, SWE) — *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.24			7.28		9.34		11.50	11.50	7 / 5			
reaction time		interval						3.04		2.06		2.16		# of strides	4.24	3.04	
wind	1.9 m/s	velocity			7.08			9.87		9.71		9.26	8.70		7.08	9.87	

Hock, Jochen (GER) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Youth Championships (Ulm, GER) — *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time		3.18	4.20	5.17		7.05		9.05		11.07	11.07	/ 4			
reaction time		interval			1.02	0.97		1.88		2.00		2.02		# of strides	4.20	2.85	
wind	0.0 m/s	velocity		6.29	9.80	10.31		10.64		10.00		9.90	9.03		7.14	10.53	

Holiday, Trindon (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.95	2.98	3.92	4.82	5.67	6.56	7.42	8.35	9.21	10.17	10.17	8 / 7			
reaction time		interval		1.03	0.94	0.90	0.85	0.89	0.86	0.93	0.86	0.96		# of strides	3.92	2.64	2.65
wind	2.2 m/s	velocity	5.13	9.71	10.64	11.11	11.76	11.24	11.63	10.75	11.63	10.42	9.83	50.0	7.65	11.36	11.32

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.82	2.94	3.89	4.79	5.65	6.51	7.40	8.27	9.14	10.09	10.09	1 / 6			
reaction time		interval		1.12	0.95	0.90	0.86	0.86	0.89	0.87	0.87	0.95		# of strides	3.89	2.62	2.63
wind	1.6 m/s	velocity	5.49	8.93	10.53	11.11	11.63	11.63	11.24	11.49	11.49	10.53	9.91	49.0	7.71	11.45	11.41

Heat 1 - 2008 USA Olympic Trials (Eugene, OR) — *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.91	2.98	3.88	4.81	5.67	6.52	7.39	8.30	9.21	10.14	10.14	1 / 4			
reaction time		interval		1.07	0.90	0.93	0.86	0.85	0.87	0.91	0.91	0.93		# of strides	3.88	2.64	2.69
wind	1.7 m/s	velocity	5.24	9.35	11.11	10.75	11.63	11.76	11.49	10.99	10.99	10.75	9.86		7.73	11.36	11.15

Hollund, Jarle (NOR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2012 Windsprint (Sundsvall, SWE) — *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.15			7.01		8.92		10.91	10.91	/ 6			
reaction time		interval						2.86		1.91		1.99		# of strides	4.15	2.86	
wind	2.8 m/s	velocity			7.23			10.49		10.47		10.05	9.17		7.23	10.49	

Hongisto, Visa (FIN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 Windsprint (Sundsvall, SWE) — *(2008) - www.ssg.se/en/Windsprint/Split-times/*

date	06-Jul-08	time			3.97			6.74		8.59		10.50	10.50	3 / 4			
reaction time		interval						2.77		1.85		1.91		# of strides	3.97	2.77	
wind	1.6 m/s	velocity			7.56			10.83		10.81		10.47	9.52	45.2	7.56	10.83	

Honma, Keisuke (JPN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN) — *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	2.03	3.13	4.12	5.07	6.02	6.97	7.92	8.88	9.85	10.86	10.86	1 / 8			
reaction time		interval		1.10	0.99	0.95	0.95	0.95	0.95	0.96	0.97	1.01		# of strides	4.12	2.85	2.88
wind	1.8 m/s	velocity	4.93	9.09	10.10	10.53	10.53	10.53	10.53	10.42	10.31	9.90	9.21	50.5	7.28	10.53	10.42

Hoornaert, Valentijn (BEL) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

National - Heat 1 - 2023 FBK Games (Hengelo, NED) — *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	1.96	3.04	4.02	4.95	5.88	6.80	7.72	8.65	9.59	10.57	10.57	9 / 4			
reaction time	0.137	interval		1.08	0.98	0.93	0.93	0.92	0.92	0.93	0.94	0.98		# of strides	4.02	2.78	2.79

wind	0.1 m/s	velocity	5.10	9.26	10.20	10.75	10.75	10.87	10.87	10.75	10.64	10.20	9.46		7.46	10.79	10.75

Hordge, Willie (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.02	3.10	4.07	5.04	5.93	6.82	7.72	8.64	9.57	10.48	10.48	7 / 3			
reaction time interval		1.08	0.97	0.97	0.89	0.89	0.90	0.92	0.93	0.91		# of strides	4.07	2.75	2.75
wind 0.0 m/s velocity	4.95	9.26	10.31	10.31	11.24	11.24	11.11	10.87	10.75	10.99	9.54		7.37	10.91	10.91

Hori, Sion (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20 time			4.18			7.08			10.17	11.23	11.23	3 / 7			
reaction time interval						2.90			3.09	1.06		# of strides	4.18	2.90	3.09
wind 1.5 m/s velocity			7.18			10.34			9.71	9.43	8.90	50.0	7.18	10.34	9.71

Horie, Shintaro (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Race B - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14 time	1.97	3.05	4.03	4.97	5.90	6.82	7.74	8.66	9.60	10.56	10.56	7 / 4			
reaction time interval		1.08	0.98	0.94	0.93	0.92	0.92	0.92	0.94	0.96		# of strides	4.03	2.79	2.78
wind 0.6 m/s velocity	5.08	9.26	10.20	10.64	10.75	10.87	10.87	10.87	10.64	10.42	9.47	48.2	7.44	10.75	10.79

Hoshida, Daichi (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19 time			4.14		6.13					11.13	11.13	3 / 5			
reaction time 0.182 interval					1.99					5.00		# of strides	4.14		
wind -1.1 m/s velocity			7.25		3.26					10.00	8.98		7.25		

Hove Johnansen, Mattias (NOR) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.10		5.95	6.86		8.70		10.57	10.57	3 / 3			
reaction time interval					1.85	0.91		1.84		1.87		# of strides	4.10	2.76	
wind 1.8 m/s velocity			7.32		10.81	10.99		10.87		10.70	9.46		7.32	10.87	

Hou Shaoqing (CHN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23 time	1.97	3.05	4.02	4.94	5.86	6.79	7.70	8.60	9.54	10.49	10.49	4 / 6			
reaction time 0.180 interval		1.08	0.97	0.92	0.92	0.93	0.91	0.90	0.94	0.95		# of strides	4.02	2.77	2.75
wind -0.4 m/s velocity	5.08	9.26	10.31	10.87	10.87	10.75	10.99	11.11	10.64	10.53	9.53	44.5	7.46	10.83	10.91
Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23 time	1.93	2.99	3.95	4.88	5.79	6.69	7.60	8.52	9.46	10.45	10.45	8 / 1			
reaction time 0.156 interval		1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.94	0.99	PB	# of strides	3.95	2.74	2.77
wind 0.5 m/s velocity	5.18	9.43	10.42	10.75	10.99	11.11	10.99	10.87	10.64	10.10	9.57	44.7	7.59	10.95	10.83
FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23 time	1.97	3.05	4.00	4.93	5.85	6.78	7.69	8.62	9.58	10.57	10.57	3 / 5			
reaction time 0.149 interval		1.08	0.95	0.93	0.92	0.93	0.91	0.93	0.96	0.99	PB	# of strides	4.00	2.78	2.80
wind 0.8 m/s velocity	5.08	9.26	10.53	10.75	10.87	10.75	10.99	10.75	10.42	10.10	9.46	44.7	7.50	10.79	10.71
Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23 time	1.93	3.01	3.97	4.91	5.84	6.77	7.70	8.64	9.59	10.58	10.58	5 / 3			
reaction time 0.158 interval		1.08	0.96	0.94	0.93	0.93	0.93	0.94	0.95	0.99		# of strides	3.97	2.80	2.82
wind -1.6 m/s velocity	5.18	9.26	10.42	10.64	10.75	10.75	10.75	10.64	10.53	10.10	9.45	45.5	7.56	10.71	10.64

Howell, Davonte (CAY) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.94	3.01	3.96	4.87	5.76	6.64	7.53	8.42	9.33	10.24	10.24	3 / 6			
reaction time 0.156 interval		1.07	0.95	0.91	0.89	0.88	0.89	0.89	0.91	0.91		# of strides	3.96	2.68	2.69
wind -0.3 m/s velocity	5.15	9.35	10.53	10.99	11.24	11.36	11.24	11.24	10.99	10.99	9.77	47.0	7.58	11.19	11.15
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.94	3.03	3.99	4.91	5.81	6.71	7.58	8.49	9.39	10.31	10.31	2 / 1			
reaction time 0.144 interval		1.09	0.96	0.92	0.90	0.90	0.87	0.91	0.90	0.92		# of strides	3.99	2.72	2.68
wind -0.3 m/s velocity	5.15	9.17	10.42	10.87	11.11	11.11	11.49	10.99	11.11	10.87	9.70	47.0	7.52	11.03	11.19

Hoye Yenda Moukou, Frank (GAB) (199

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.98	3.07	4.05	4.99	5.90	6.82	7.74	8.68	9.64	10.59	10.59	5 / 3			
reaction time 0.174 interval		1.09	0.98	0.94	0.91	0.92	0.92	0.94	0.96	0.95		# of strides	4.05	2.77	2.82
wind 0.3 m/s velocity	5.05	9.17	10.20	10.64	10.99	10.87	10.87	10.64	10.42	10.53	9.44	48.0	7.41	10.83	10.64

Hrnčír, Jan (CZE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			

date	25-Feb-12	time	1.97	3.12	4.12	5.12	6.09	7.08				7.08	7 / 6		
reaction time	0.115	interval		1.15	1.00	1.00	0.97	0.99					# of strides	4.12	2.96
		velocity	5.08	8.70	10.00	10.00	10.31	10.10				8.47		7.28	10.14

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.97	3.10	4.13	5.08	6.07	7.07				7.07	6 / 5		
reaction time	0.132	interval		1.13	1.03	0.95	0.99	1.00					# of strides	4.13	2.94
		velocity	5.08	8.85	9.71	10.53	10.10	10.00				8.49		7.26	10.20

Hu Zhenyu (CHN) (2007)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.15	3.33	4.37	5.38	6.38	7.36	8.36	9.36	10.38	11.45	11.45	1 / 8			
reaction time	0.173	interval		1.18	1.04	1.01	1.00	0.98	1.00	1.00	1.02	1.07	PB	# of strides	4.37	2.99	3.02
wind	0.5 m/s	velocity	4.65	8.47	9.62	9.90	10.00	10.20	10.00	10.00	9.80	9.35	8.73		6.86	10.03	9.93

Huang Yi (CHN) (2005)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)														*Shandong Athletics Sport Science (2024)*			
date	02-Jun-24	time	1.93	2.96	3.92	4.84	5.74	6.65	7.55	8.50	9.44	10.41	10.41	3 / 4			
reaction time	0.141	interval		1.03	0.96	0.92	0.90	0.91	0.90	0.95	0.94	0.97		# of strides	3.92	2.73	2.79
wind	1.0 m/s	velocity	5.18	9.71	10.42	10.87	11.11	10.99	11.11	10.53	10.64	10.31	9.61	49.0	7.65	10.99	10.75

Heat 10 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	1.92	2.98	3.96	4.87	5.80	6.74	7.68	8.62	9.57	10.54	10.54	9 / 2			
reaction time	0.166	interval		1.06	0.98	0.91	0.93	0.94	0.94	0.94	0.95	0.97		# of strides	3.96	2.78	2.83
wind	0.0 m/s	velocity	5.21	9.43	10.20	10.99	10.75	10.64	10.64	10.64	10.53	10.31	9.49	49.0	7.58	10.79	10.60

Huang Yiqian (CHN) (2009)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2025) - diamond league race analysis*			
date	26-Apr-25	time	2.10	3.25	4.28	5.27	6.26	7.22	8.23	9.26	10.32	11.41	11.41	2 / 8			
reaction time	0.163	interval		1.15	1.03	0.99	0.99	0.96	1.01	1.03	1.06	1.09	PB	# of strides	4.28	2.94	3.10
wind	0.3 m/s	velocity	4.76	8.70	9.71	10.10	10.10	10.42	9.90	9.71	9.43	9.17	8.76		7.01	10.20	9.68

Huang Yonglian (CHN) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)														*Shandong Athletics Sport Science (2023)*			
date	09-Jun-23	time	1.95	3.01	3.99	4.88	5.79	6.70	7.59	8.53	9.47	10.47	10.47	3 / 5			
reaction time	0.174	interval		1.06	0.98	0.89	0.91	0.91	0.89	0.94	0.94	1.00		# of strides	3.99	2.71	2.77
wind	-0.4 m/s	velocity	5.13	9.43	10.20	11.24	10.99	10.99	11.24	10.64	10.64	10.00	9.55	475.0	7.52	11.07	10.83

Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.95	2.99	3.95	4.86	5.75	6.66	7.56	8.50	9.47	10.46	10.46	6 / 2			
reaction time	0.162	interval		1.04	0.96	0.91	0.89	0.91	0.90	0.94	0.97	0.99		# of strides	3.95	2.71	2.81
wind	0.5 m/s	velocity	5.13	9.62	10.42	10.99	11.24	10.99	11.11	10.64	10.31	10.10	9.56	47.0	7.59	11.07	10.68

Huang Youchao (CHN) (2005)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	1.93	2.99	3.95	4.87	5.77	6.69	7.58	8.48	9.39	10.34	10.34	7 / 4			
reaction time	0.166	interval		1.06	0.96	0.92	0.90	0.92	0.89	0.90	0.91	0.95		# of strides	3.95	2.74	2.70
wind	1.1 m/s	velocity	5.18	9.43	10.42	10.87	11.11	10.87	11.24	11.11	10.99	10.53	9.67	48.2	7.59	10.95	11.11

Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	28-Jun-24	time	1.97	3.02	4.02	4.94	5.84	6.76	7.67	8.58	9.49	10.44	10.44	6 / 2			
reaction time	0.165	interval		1.05	1.00	0.92	0.90	0.92	0.91	0.91	0.91	0.95		# of strides	4.02	2.74	2.73
wind	-0.6 m/s	velocity	5.08	9.52	10.00	10.87	11.11	10.87	10.99	10.99	10.99	10.53	9.58	49.0	7.46	10.95	10.99

Semi-Final 3 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	2.99	3.97	4.87	5.77	6.68	7.58	8.50	9.42	10.37	10.37	6 / 2			
reaction time	0.164	interval		1.04	0.98	0.90	0.90	0.91	0.90	0.92	0.92	0.95		# of strides	3.97	2.71	2.74
wind	-0.3 m/s	velocity	5.13	9.62	10.20	11.11	11.11	10.99	11.11	10.87	10.87	10.53	9.64	48.5	7.56	11.07	10.95

FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.92	2.94	3.91	4.82	5.70	6.63				6.63	3 / 1		
reaction time	0.143	interval		1.02	0.97	0.91	0.88	0.93				PB	# of strides	3.91	2.72
		velocity	5.21	9.80	10.31	10.99	11.36	10.75				9.05	31.0	7.67	11.03

Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	3.00	3.96	4.88	5.78	6.69				6.69	2 / 2		
reaction time	0.151	interval		1.03	0.96	0.92	0.90	0.91				PB	# of strides	3.96	2.73
		velocity	5.08	9.71	10.42	10.87	11.11	10.99				8.97	32.0	7.58	10.99

B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	1.95	3.08	4.04	4.96	5.88	6.78				6.78	5 / 2		
reaction time	0.179	interval		1.13	0.96	0.92	0.92	0.90				PB	# of strides	4.04	2.74

		velocity	5.13	8.85	10.42	10.87	10.87	11.11					8.85	31.0	7.43	10.95

Hughes, Isak (SWE) (2005)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2024) - diamond league race analysis*				
date	02-Jun-24	time	2.00	3.08	4.06	4.99	5.92	6.83	7.75	8.67	9.61	10.56	10.56	5 / 4			
reaction time	0.155	interval		1.08	0.98	0.93	0.93	0.91	0.92	0.92	0.94	0.95		# of strides	4.06	2.77	2.78
wind	-1.6 m/s	velocity	5.00	9.26	10.20	10.75	10.75	10.99	10.87	10.87	10.64	10.53	9.47		7.39	10.83	10.79
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													*Omega Timing (2023) - diamond league race analysis*				
date	02-Jul-23	time	2.00	3.08	4.07	5.01	5.93	6.85	7.76	8.70	9.64	10.57	10.57	4 / 5			
reaction time	0.142	interval		1.08	0.99	0.94	0.92	0.92	0.91	0.94	0.94	0.93		# of strides	4.07	2.78	2.79
wind	-0.1 m/s	velocity	5.00	9.26	10.10	10.64	10.87	10.87	10.99	10.64	10.64	10.75	9.46		7.37	10.79	10.75

Hughes, Zharnel (GBR) (1995)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)													*Grand Slam Track (2025) - results and splits by race*				
date	03-May-25	time	2.02	3.04	3.95	4.82	5.67	6.51	7.35	8.19	9.02	9.87	9.87	6 / 4			
reaction time	0.120	interval		1.02	0.91	0.87	0.85	0.84	0.84	0.84	0.83	0.85		# of strides	3.95	2.56	2.51
wind	2.4 m/s	velocity	4.95	9.80	10.99	11.49	11.76	11.90	11.90	11.90	12.05	11.76	10.13	45.0	7.59	11.72	11.95
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	04-Aug-24	time	1.95	3.00	3.94	4.83	5.69	6.54	7.40	8.26	9.13	10.01	10.01	3 / 6			
reaction time	0.135	interval		1.05	0.94	0.89	0.86	0.85	0.86	0.86	0.87	0.88		# of strides	3.94	2.60	2.59
wind	0.5 m/s	velocity	5.13	9.52	10.64	11.24	11.63	11.76	11.63	11.63	11.49	11.36	9.99	45.0	7.61	11.54	11.58
Heat 8 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	1.94	3.00	3.92	4.81	5.68	6.53	7.40	8.26	9.13	10.03	10.03	4 / 3			
reaction time	0.136	interval		1.06	0.92	0.89	0.87	0.85	0.87	0.86	0.87	0.90		# of strides	3.92	2.61	2.60
wind	0.2 m/s	velocity	5.15	9.43	10.87	11.24	11.49	11.76	11.49	11.63	11.49	11.11	9.97	45.5	7.65	11.49	11.54
FINAL - 2024 London Athletics Meet (London, GBR)													*Omega Timing (2024) - diamond league race analysis*				
date	20-Jul-24	time	1.98	3.04	3.98	4.86	5.72	6.57	7.42	8.28	9.15	10.00	10.00	3 / 6			
reaction time	0.126	interval		1.06	0.94	0.88	0.86	0.85	0.85	0.86	0.87	0.85		# of strides	3.98	2.59	2.58
wind	-0.3 m/s	velocity	5.05	9.43	10.64	11.36	11.63	11.76	11.76	11.63	11.49	11.76	10.00	45.5	7.54	11.58	11.63
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)													*Omega Timing (2021) - diamond league race analysis*				
date	13-Jul-21	time		3.1		4.9		6.7		8.4		10.13	10.13	6 / 3			
reaction time	0.139	interval				1.80		1.80		1.70		1.73		# of strides			
wind	0.4 m/s	velocity		6.45		11.11		11.11		11.76		11.56	9.87	46.0			
FINAL - 2019 IAAF World Championships (Doha, QAT)													*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*				
date	28-Sep-19	time	1.91	2.97	3.91	4.80	5.66	6.52	7.37	8.23	9.11	10.03	10.03	7 / 6			
reaction time	0.119	interval		1.06	0.94	0.89	0.86	0.86	0.85	0.86	0.88	0.92		# of strides	3.91	2.61	2.59
wind	0.6 m/s	velocity	5.24	9.43	10.64	11.24	11.63	11.63	11.76	11.63	11.36	10.87	9.97	45.0	7.67	11.49	11.58
FINAL - 2019 Weltklasse (Zürich, SUI)													*Omega Timing (2019) - diamond league race analysis*				
date	29-Aug-19	time		3.1		5.0		6.7		8.4		10.15	10.15	6 / 6			
reaction time	0.113	interval				1.9		1.7		1.7		1.75		# of strides			
wind	-0.4 m/s	velocity		6.45		10.53		11.76		11.76		11.43	9.85	46.0			

Huke, Maurice (GER) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2010 German National Youth Championships (Ulm, GER)													*Graubner (2010) - http://www.fgs.uni-halle.de*				
date	07-Aug-10	time		3.17	4.18	5.13		7.00		8.92		10.90	10.90	/ 3			
reaction time		interval			1.01	0.95		1.87		1.92		1.98		# of strides	4.18	2.82	
wind	0.0 m/s	velocity		6.31	9.90	10.53		10.70		10.42		10.10	9.17		7.18	10.64	

Huting, Thijmen (NED) (2005)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
National FINAL - 2024 FBK Games (Hengelo, NED)													*Omega Timing (2024) - diamond league race analysis*				
date	07-Jul-24	time	1.95	3.04	4.03	4.98	5.91	6.84	7.77	8.72	9.67	10.62	10.62	3 / 3			
reaction time	0.143	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.95	0.95	0.95	**PB**	# of strides	4.03	2.81	2.83
wind	-0.6 m/s	velocity	5.13	9.17	10.10	10.53	10.75	10.75	10.75	10.53	10.53	10.53	9.42		7.44	10.68	10.60

Hyde, Nicklas (DEN) (1986)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2009 Windsprint (Sundsvall, SWE)													*(2009) - www.ssg.se/en/Windsprint/Split-times/*				
date	25-Jul-09	time			4.23			7.09		8.97		10.92	10.92	/ 7			
reaction time		interval						2.86		1.88		1.95		# of strides	4.23	2.86	
wind	1.1 m/s	velocity			7.09			10.49		10.64		10.26	9.16		7.09	10.49	

Hyman, Kemar (CAY) (1989)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 11 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time		3.00	3.98	4.91		6.77		8.63		10.59	10.59	7 / 4			
reaction time	0.163	interval			0.98	0.93		1.86		1.86		1.96		# of strides	3.98	2.79	
wind	-0.2 m/s	velocity		6.67	10.20	10.75		10.75		10.75		10.20	9.44		7.54	10.75	

Ibrahim, Mahmoud Hafiz (KSA) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2021 Doha Diamond League (Doha, QAT)													*Omega Timing (2021) - diamond league race analysis*				
date	28-May-21	time		3.1		5.0		6.8		8.7		10.48	10.48	7 / 4			
reaction time	0.138	interval				1.90		1.80		1.90		1.78		# of strides			
wind	0.9 m/s	velocity		6.45		10.53		11.11		10.53		11.24	9.54	47.0			

Idås, Anders Erlend (NOR) (1990)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2014 Windsprint (Sundsvall, SWE)													*(2014) - www.ssg.se/windsprint/Splittider/*				
date	20-Jul-14	time			4.08			6.91		8.80		10.72	10.72	2 / 5			
reaction time		interval						2.83		1.89		1.92		# of strides	4.08	2.83	
wind	0.3 m/s	velocity			7.35			10.60		10.58		10.42	9.33		7.35	10.60	

Idenfors, Daniel (SWE) (1988)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
D FINAL - 2007 Windsprint (Sundsvall, SWE)													*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date	24-Jul-07	time			4.33			7.38		9.46		11.63	11.63	/ 4			
reaction time		interval						3.05		2.08		2.17		# of strides	4.33	3.05	
wind	-0.8 m/s	velocity			6.93			9.84		9.62		9.22	8.60		6.93	9.84	

Idris, Muhd Noor Firdaus (BRU) (1996)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 6 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	2.02	3.11	4.10	5.06	5.99	6.94	7.90	8.87	9.86	10.86	10.86	9 / 8			
reaction time	0.158	interval		1.09	0.99	0.96	0.93	0.95	0.96	0.97	0.99	1.00		# of strides	4.10	2.84	2.92
wind	0.3 m/s	velocity	4.95	9.17	10.10	10.42	10.75	10.53	10.42	10.31	10.10	10.00	9.21	47.5	7.32	10.56	10.27

Iizuka, Shota (JPN) (1991)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Japanese National Championships (Niigata, JPN)													*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*				
date	02-Oct-20	time	1.89	2.97	3.94	4.87	5.77	6.67	7.56	8.47	9.39	10.33	10.33	9 / 4			
reaction time	0.139	interval		1.08	0.97	0.93	0.90	0.90	0.89	0.91	0.92	0.94		# of strides	3.94	2.73	2.72
wind	-0.2 m/s	velocity	5.29	9.26	10.31	10.75	11.11	11.11	11.24	10.99	10.87	10.64	9.68	50.0	7.61	10.99	11.03
Race 2 - 2020 World Athletics Trials (Fuji, JPN)													*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*				
date	06-Sep-20	time	1.88	2.96	3.93	4.85	5.75	6.63	7.52	8.41	9.32	10.25	10.25	/ 1			
reaction time		interval		1.08	0.97	0.92	0.90	0.88	0.89	0.89	0.91	0.93		# of strides	3.93	2.70	2.69
wind	-0.9 m/s	velocity	5.32	9.26	10.31	10.87	11.11	11.36	11.24	11.24	10.99	10.75	9.76	50.6	7.63	11.11	11.15
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)													*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*				
date	28-Jun-19	time	1.91	2.97	3.93	4.84	5.73	6.61	7.50	8.39	9.31	10.24	10.24	9 / 4			
reaction time	0.154	interval		1.06	0.96	0.91	0.89	0.88	0.89	0.89	0.92	0.93		# of strides	3.93	2.68	2.70
wind	-0.3 m/s	velocity	5.24	9.43	10.42	10.99	11.24	11.36	11.24	11.24	10.87	10.75	9.77	48.7	7.63	11.19	11.11
FINAL - 2018 Fuse Sprint (Tottori, JPN)													*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*				
date	03-Jun-18	time	1.86	2.94	3.90	4.82	5.71	6.59	7.47	8.36	9.28	10.21	10.21	/ 2			
reaction time		interval		1.08	0.96	0.92	0.89	0.88	0.88	0.89	0.92	0.93		# of strides	3.90	2.69	2.69
wind	-0.7 m/s	velocity	5.38	9.26	10.42	10.87	11.24	11.36	11.36	11.24	10.87	10.75	9.79	48.0	7.69	11.15	11.15
FINAL - 2017 Fuse Sprint (Fuse, JPN)													*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*				
date	04-Jun-17	time	1.88	2.95	3.90	4.80	5.69	6.57	7.44	8.31	9.19	10.08	10.08	/ 1			
reaction time		interval		1.07	0.95	0.90	0.89	0.88	0.87	0.87	0.88	0.89	**PB**	# of strides	3.90	2.67	2.62
wind	1.9 m/s	velocity	5.32	9.35	10.53	11.11	11.24	11.36	11.49	11.49	11.36	11.24	9.92	48.0	7.69	11.24	11.45
Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN)													*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*				
date	29-Apr-13	time	1.92	2.98	3.94	4.84	5.73	6.62	7.51	8.41	9.33	10.28	10.28	4 / 3			
reaction time		interval		1.06	0.96	0.90	0.89	0.89	0.89	0.90	0.92	0.95	**PB**	# of strides	3.94	2.68	2.71
wind	0.9 m/s	velocity	5.21	9.43	10.42	11.11	11.24	11.24	11.24	11.11	10.87	10.53	9.73	47.2	7.61	11.19	11.07
FINAL - 2009 Japanese National High School Championships (Nara, JPN)													*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*				
date	30-Jul-09	time			3.97	4.92	5.85	6.75	7.68	8.59		10.46	10.46	4 / 2			
reaction time		interval				0.95	0.93	0.90	0.93	0.91		1.87		# of strides	3.97	2.78	
wind	1.1 m/s	velocity			7.56	10.53	10.75	11.11	10.75	10.99		10.70	9.56		7.56	10.79	

Illovsky, Dominik (HUN) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)													*European Athletics (2025) - european athletics indoor championships results book*				
date	08-Mar-25	time	1.91	2.96	3.91	4.83	5.73	6.65					6.65	4 / 7			
reaction time	0.139	interval		1.05	0.95	0.92	0.90	0.92						# of strides	3.91	2.74	
		velocity	5.24	9.52	10.53	10.87	11.11	10.87					9.02		7.67	10.95	

Ikeda, Daisuke (JPN) (1986)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN)													*Hisashi (2010) - the run performance analysis in the decathlon sprint events*				
date	25-Jun-09	time	2.02	3.15	4.18	5.17	6.15	7.13	8.11	9.11	10.10	11.13	11.13	3 / 3			
reaction time		interval		1.13	1.03	0.99	0.98	0.98	0.98	1.00	0.99	1.03		# of strides	4.18	2.95	2.97
wind	-0.9 m/s	velocity	4.95	8.85	9.71	10.10	10.20	10.20	10.20	10.00	10.10	9.71	8.98		7.18	10.17	10.10

Ikeda, Seiryo (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 05-Oct-19	time			4.04		5.95				10.73	10.73	4 / 1			
reaction time 0.145	interval					1.91				4.78		# of strides	4.04		
wind -2.3 m/s	velocity			7.43		3.36				10.46	9.32		7.43		

Imori, Tadashi (JPN) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Final - 2008 Osaka Grand Prix (Osaka, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 10-May-08	time	1.93	2.99	3.97	4.91	5.84	6.78	7.73	8.70	9.68	10.69	10.69	/ 8			
reaction time	interval		1.06	0.98	0.94	0.93	0.94	0.95	0.97	0.98	1.01		# of strides	3.97	2.81	2.90
wind -1.4 m/s	velocity	5.18	9.43	10.20	10.64	10.75	10.64	10.53	10.31	10.20	9.90	9.35		7.56	10.68	10.34

Imran, Muhammad (PAK) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Asian Indoor Championships (Doha, QAT)												*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*			
date 14-Feb-08	time	1.92	3.02	4.00	4.95	5.87	6.82					6.82	8 / 5			
reaction time	interval		1.10	0.98	0.95	0.92	0.95						# of strides	4.00	2.82	
	velocity	5.21	9.09	10.20	10.53	10.87	10.53					8.80		7.50	10.64	

Inoue, Mizuki (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 23-Aug-20	time	1.88	2.96	3.95	4.89	5.82	6.74	7.67	8.62	9.57	10.55	10.55	2 / 8			
reaction time 0.151	interval		1.08	0.99	0.94	0.93	0.92	0.93	0.95	0.95	0.98		# of strides	3.95	2.79	2.83
wind 0.7 m/s	velocity	5.32	9.26	10.10	10.64	10.75	10.87	10.75	10.53	10.53	10.20	9.48	51.9	7.59	10.75	10.60
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19	time			4.04		5.96				10.78	10.78	6 / 3			
reaction time 0.164	interval					1.92				4.82		# of strides	4.04		
wind -2.3 m/s	velocity			7.43		3.36				10.37	9.28		7.43		

Inoue, Naoki (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
date 29-Jul-21	time	1.92	3.00	3.98	4.91	5.83	6.75	7.66	8.58	9.51	10.45	10.45	3 / 2			
reaction time 0.160	interval		1.08	0.98	0.93	0.92	0.92	0.91	0.92	0.93	0.94	**PB**	# of strides	3.98	2.77	2.76
wind 1.8 m/s	velocity	5.21	9.26	10.20	10.75	10.87	10.87	10.99	10.87	10.75	10.64	9.57		7.54	10.83	10.87

Inoue, Sosuke (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20	time			4.17			7.02			10.02	11.06	11.06	7 / 5			
reaction time	interval						2.85			3.00	1.04		# of strides	4.17	2.85	3.00
wind 1.5 m/s	velocity			7.19			10.53			10.00	9.62	9.04	51.5	7.19	10.53	10.00
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 25-May-19	time			4.17			7.07			10.00	11.07	11.07	8 / 5			
reaction time	interval						2.90			2.93	1.07		# of strides	4.17	2.90	2.93
wind 1.3 m/s	velocity			7.19			10.34			10.24	9.35	9.03	52.2	7.19	10.34	10.24

Inoue, Tetsuya (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time			4.20			7.08			10.05	11.08	11.08	7 / 3			
reaction time	interval						2.88			2.97	1.03		# of strides	4.20	2.88	2.97
wind 0.5 m/s	velocity			7.14			10.42			10.10	9.71	9.03	49.5	7.14	10.42	10.10

Isa, Yoshinori (JPN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)												*Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*			
date 30-Apr-22	time	2.04	3.22	4.31	5.35	6.37	7.40	8.43	9.49	10.56	11.66	11.66	7 / 7			
reaction time 0.148	interval		1.18	1.09	1.04	1.02	1.03	1.03	1.06	1.07	1.10		# of strides	4.31	3.09	3.16
wind -0.2 m/s	velocity	4.90	8.47	9.17	9.62	9.80	9.71	9.71	9.43	9.35	9.09	8.58		6.96	9.71	9.49

Ishihara, Hiroyuki (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)												*Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-08	time	2.00	3.07	4.05	4.98	5.91	6.85	7.80	8.77	9.73	10.73	10.73	?????			
reaction time	interval		1.07	0.98	0.93	0.93	0.94	0.95	0.97	0.96	1.00		# of strides	4.05	2.80	2.88
wind -0.1 m/s	velocity	10.00	9.35	10.20	10.75	10.75	10.64	10.53	10.31	10.42	10.00	9.32		7.41	10.71	10.42

Ishihara, Yoshiaki (JPN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time			4.05			6.90			9.77	10.78	10.78	5 / 2			
reaction time	interval						2.85			2.87	1.01		# of strides	4.05	2.85	2.87
wind 0.5 m/s	velocity			7.41			10.53			10.45	9.90	9.28	49.7	7.41	10.53	10.45
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			

date	27-May-23	time			4.12			7.00			9.88	10.91	10.91	6 / 4		
reaction time		interval						2.88			2.88	1.03		# of strides	4.12	2.88	2.88
wind	0.9 m/s	velocity			7.28			10.42			10.42	9.71	9.17	49.7	7.28	10.42	10.42

Ishikura, Kazuki (JPN) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

A FINAL - 2008 Osaka Grand Prix (Osaka, JPN) — *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.91	3.00	4.01	4.96	5.91	6.85	7.80	8.76	9.75	10.78	10.78	/ 7		
reaction time		interval		1.09	1.01	0.95	0.95	0.94	0.95	0.96	0.99	1.03		# of strides	4.01	2.84	2.90
wind	0.8 m/s	velocity	5.24	9.17	9.90	10.53	10.53	10.64	10.53	10.42	10.10	9.71	9.28		7.48	10.56	10.34

FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN) — *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	29-Apr-07	time	1.94	3.00	3.98	4.93	5.85	6.76	7.66	8.58	9.53	10.50	10.50	/ 5		
reaction time		interval		1.06	0.98	0.95	0.92	0.91	0.90	0.92	0.95	0.97		# of strides	3.98	2.78	2.77
wind	2.2 m/s	velocity	5.15	9.43	10.20	10.53	10.87	10.99	11.11	10.87	10.53	10.31	9.52		7.54	10.79	10.83

Ishitsuka, Yusuke (JPN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2014 Izumo Athletics Games (Izumo, JPN) — *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.97	3.06	4.05	4.98	5.91	6.83	7.75	8.68	9.62	10.58	10.58	5 / 3		
reaction time		interval		1.09	0.99	0.93	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.05	2.78	2.79
wind	2.6 m/s	velocity	5.08	9.17	10.10	10.75	10.75	10.87	10.87	10.75	10.64	10.42	9.45	46.0	7.41	10.79	10.75

Island, Cameron (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	23-Jun-05	time		3.14	4.12	5.12	6.07	7.05	7.98	8.96	9.98	10.97	10.97	9 / 8		
reaction time		interval			0.98	1.00	0.95	0.98	0.93	0.98	1.02	0.99		# of strides	4.12	2.93	2.93
wind	-0.4 m/s	velocity		6.37	10.20	10.00	10.53	10.20	10.75	10.20	9.80	10.10	9.12		7.28	10.24	10.24

Itsuki, Saito (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Shimane High School Championships (Izumo, JPN) — *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.03			6.83			9.72	10.70	10.70	6 / 1		
reaction time		interval						2.80			2.89	0.98		# of strides	4.03	2.80	2.89
wind	1.5 m/s	velocity			7.44			10.71			10.38	10.20	9.35	49.7	7.44	10.71	10.38

Iwamoto, Kazuaki (JPN) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN) — *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Apr-08	time	1.93	3.01	3.98	4.91	5.82	6.71	7.61	8.53	9.45	10.39	10.39	/ 2		
reaction time		interval		1.08	0.97	0.93	0.91	0.89	0.90	0.92	0.92	0.94		# of strides	3.98	2.73	2.74
wind	2.4 m/s	velocity	5.18	9.26	10.31	10.75	10.99	11.24	11.11	10.87	10.87	10.64	9.62		7.54	10.99	10.95

Iwamoto, Kosuke (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) — *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.12		6.10					11.01	11.01	3 / 8		
reaction time	0.154	interval					1.98					4.91		# of strides	4.12		
wind	-2.3 m/s	velocity			7.28		3.28					10.18	9.08		7.28		

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) — *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.94	3.02	3.98	4.90	5.80	6.70	7.60	8.51	9.45	10.43	10.43	8 / 3		
reaction time		interval		1.08	0.96	0.92	0.90	0.90	0.90	0.91	0.94	0.98		# of strides	3.98	2.72	2.75
wind	2.9 m/s	velocity	5.15	9.26	10.42	10.87	11.11	11.11	11.11	10.99	10.64	10.20	9.59	48.0	7.54	11.03	10.91

Iwasaki, Hoshun (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Shimane High School Championships (Izumo, JPN) — *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.08			6.93			9.77	10.80	10.80	3 / 3		
reaction time		interval						2.85			2.84	1.03		# of strides	4.08	2.85	2.84
wind	0.9 m/s	velocity			7.35			10.53			10.56	9.71	9.26	51.0	7.35	10.53	10.56

FINAL - 2022 Shimane High School Championships (Izumo, JPN) — *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time			4.10			7.10			10.12	11.23	11.23	7 / 6		
reaction time		interval						3.00			3.02	1.11		# of strides	4.10	3.00	3.02
wind	-1.8 m/s	velocity			7.32			10.00			9.93	9.01	8.90	54.7	7.32	10.00	9.93

FINAL - 2021 Shimane High School Championships (Izumo, JPN) — *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.13			7.10			10.02	11.03	11.03	7 / 7		
reaction time		interval						2.97			2.92	1.01		# of strides	4.13	2.97	2.92
wind	3.3 m/s	velocity			7.26			10.10			10.27	9.90	9.07	54.7	7.26	10.10	10.27

Iwasaki, Kotaro (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 National Sports Festival (Hitachinaka, JPN) — *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time			3.91		5.75					10.53	10.53	9 / 5		
reaction time	0.147	interval					1.84					4.78		# of strides	3.91		
wind	-0.1 m/s	velocity			7.67		3.48					10.46	9.50	49.2	7.67		

Izawa, Makoto (JPN) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 1 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)														*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date	23-Aug-20	time	1.87	2.93	3.90	4.82	5.73	6.64	7.55	8.48	9.44	10.42	10.42	2 / 4			
reaction time	0.107	interval		1.06	0.97	0.92	0.91	0.91	0.91	0.93	0.96	0.98	**PB**	# of strides	3.90	2.74	2.80
wind	-0.3 m/s	velocity	5.35	9.43	10.31	10.87	10.99	10.99	10.99	10.75	10.42	10.20	9.60	50.0	7.69	10.95	10.71

Izumo, Hira (JPN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2019 Shimane High School Championships (Izumo, JPN)														*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	25-May-19	time			4.13			7.02			9.93	11.04	11.04	9 / 4			
reaction time		interval						2.89			2.91	1.11		# of strides	4.13	2.89	2.91
wind	1.3 m/s	velocity			7.26			10.38			10.31	9.01	9.06	53.0	7.26	10.38	10.31

Jackson, Tim (AUS) (1969)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1994 (Tønsberg, NOR)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	20-Jul-94	time			3.99			6.64		8.40		10.24	10.24	/ 3			
reaction time		interval						2.65		1.76		1.84	**PB**	# of strides	3.99	2.65	
wind	1.8 m/s	velocity			7.52			11.32		11.36		10.87	9.77		7.52	11.32	

Jacobs, Lamont Marcell (ITA) (1994)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)														*Omega Timing (2024) - diamond league race analysis*			
date	30-Aug-24	time	1.89	2.96	3.90	4.79	5.67	6.53	7.40	8.28	9.19	10.20	10.20	5 / 9			
reaction time	0.128	interval		1.07	0.94	0.89	0.88	0.86	0.87	0.88	0.91	1.01		# of strides	3.90	2.63	2.66
wind	0.3 m/s	velocity	5.29	9.35	10.64	11.24	11.36	11.63	11.49	11.36	10.99	9.90	9.80	44.0	7.69	11.41	11.28
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)														*Omega Timing (2024) - diamond league race analysis*			
date	25-Aug-24	time	1.92	2.96	3.90	4.78	5.64	6.49	7.34	8.18	9.05	9.93	9.93	6 / 4			
reaction time	0.145	interval		1.04	0.94	0.88	0.86	0.85	0.85	0.84	0.87	0.88		# of strides	3.90	2.59	2.56
wind	1.9 m/s	velocity	5.21	9.62	10.64	11.36	11.63	11.76	11.76	11.90	11.49	11.36	10.07	44.0	7.69	11.58	11.72
FINAL - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	1.87	2.92	3.85	4.74	5.60	6.44	7.28	8.13	8.98	9.85	9.85	9 / 5			
reaction time	0.114	interval		1.05	0.93	0.89	0.86	0.84	0.84	0.85	0.85	0.87		# of strides	3.85	2.59	2.54
wind	1.0 m/s	velocity	5.35	9.52	10.75	11.24	11.63	11.90	11.90	11.76	11.76	11.49	10.15	45.0	7.79	11.58	11.81
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	04-Aug-24	time	1.89	2.95	3.89	4.77	5.64	6.49	7.35	8.21	9.06	9.92	9.92	8 / 3			
reaction time	0.135	interval		1.06	0.94	0.88	0.87	0.85	0.86	0.86	0.85	0.86		# of strides	3.89	2.60	2.57
wind	0.0 m/s	velocity	5.29	9.43	10.64	11.36	11.49	11.76	11.63	11.63	11.76	11.63	10.08	45.0	7.71	11.54	11.67
Heat 5 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.90	2.96	3.90	4.81	5.68	6.53	7.41	8.28	9.15	10.05	10.05	4 / 2			
reaction time	0.142	interval		1.06	0.94	0.91	0.87	0.85	0.88	0.87	0.87	0.90		# of strides	3.90	2.63	2.62
wind	-0.3 m/s	velocity	5.26	9.43	10.64	10.99	11.49	11.76	11.36	11.49	11.49	11.11	9.95	45.0	7.69	11.41	11.45
FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	1.89	2.95	3.89	4.79	5.66	6.52	7.38	8.26	9.14	10.05	10.05	6 / 7			
reaction time	0.131	interval		1.06	0.94	0.90	0.87	0.86	0.86	0.88	0.88	0.91		# of strides	3.89	2.63	2.62
wind	0.4 m/s	velocity	5.29	9.43	10.64	11.11	11.49	11.63	11.63	11.36	11.36	10.99	9.95	44.0	7.71	11.41	11.45
FINAL - 2023 Meeting de Paris (Paris, FRA)														*Omega Timing (2023) - diamond league race analysis*			
date	09-Jun-23	time	1.87	2.92	3.87	4.77	5.66	6.55	7.43	8.33	9.25	10.21	10.21	5 / 7			
reaction time	0.140	interval		1.05	0.95	0.90	0.89	0.89	0.88	0.90	0.92	0.96		# of strides	3.87	2.68	2.70
wind	-0.9 m/s	velocity	5.35	9.52	10.53	11.11	11.24	11.24	11.36	11.11	10.87	10.42	9.79	45.0	7.75	11.19	11.11
FINAL - 2020 Olympic Games (Tokyo, JPN)														*Vazel (2021) - analyzing the olympic 100-meter sprints*			
date	01-Aug-21	time			3.67			6.41		8.08		9.80	9.80	3 / 1			
reaction time	0.161	interval						2.74		3.39		1.72	**AR**	# of strides	3.67	2.74	
wind	0.1 m/s	velocity			8.17			10.95		5.90		11.63	10.20	45.0	8.17	10.95	
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN)														*Vazel (2021) - analyzing the olympic 100-meter sprints*			
date	01-Aug-21	time			3.84			6.40		8.08		9.84	9.84	5 / 3			
reaction time	0.179	interval						2.56		3.44		1.76	**AR**	# of strides	3.84	2.56	
wind	0.9 m/s	velocity			7.81			11.72		5.81		11.36	10.16	45.0	7.81	11.72	
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)														*Omega Timing (2021) - diamond league race analysis*			
date	09-Jul-21	time		3.0		4.8		6.6		8.3		9.99	9.99	7 / 3			
reaction time	0.204	interval				1.80		1.80		1.70		1.69		# of strides			
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.76		11.83	10.01	45.7			
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time		3.0		4.8		6.5		8.3		10.05	10.05	3 / 2			
reaction time	0.138	interval				1.80		1.70		1.80		1.75		# of strides			

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		6.67		11.11		11.76		11.11		11.43	9.95	46.0	

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time		3.0		4.8		6.6		8.4		10.11	10.11	4 / 4	
reaction time	0.134	interval				1.80		1.80		1.80		1.71		# of strides	
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.11		11.70	5.93	45.0	

Jarošek, Michal (CZE) (1996)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time		3.33		5.53		7.70		9.87		12.09	12.09	3 / 7			
reaction time	0.159	interval				2.20		2.17		2.17		2.22		# of strides			
wind	-3.6 m/s	velocity		6.01		9.09		9.22		9.22		9.01	8.27				

Jelks, Mark (USA) (1984)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	29-Jun-08	time	1.95	2.98	3.92	4.85	5.72	6.64	7.50	8.36	9.29	10.24	10.24	6 / 7			
reaction time		interval		1.03	0.94	0.93	0.87	0.92	0.86	0.86	0.93	0.95		# of strides	3.92	2.72	2.65
wind	0.5 m/s	velocity	5.13	9.71	10.64	10.75	11.49	10.87	11.63	11.63	10.75	10.53	9.77	45.0	7.65	11.03	11.32
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.83	2.90	3.86	4.74	5.63	6.47	7.35	8.19	9.04	9.99	9.99	4 / 3			
reaction time		interval		1.07	0.96	0.88	0.89	0.84	0.88	0.84	0.85	0.95	PB	# of strides	3.86	2.61	2.57
wind	1.6 m/s	velocity	5.46	9.35	10.42	11.36	11.24	11.90	11.36	11.90	11.76	10.53	10.01	45.7	7.77	11.49	11.67
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.94	2.98	3.89	4.80	5.69	6.52	7.41	8.31	9.21	10.13	10.13	8 / 3			
reaction time		interval		1.04	0.91	0.91	0.89	0.83	0.89	0.90	0.90	0.92		# of strides	3.89	2.63	2.69
wind	0.8 m/s	velocity	5.15	9.62	10.99	10.99	11.24	12.05	11.24	11.11	11.11	10.87	9.87		7.71	11.41	11.15
FINAL - 2005 USATF National Championships (Carson, CA)														*USATF Women's Sprint Development (2005)*			
date	25-Jun-05	time	1.91	2.98	3.94	4.87	5.79	6.69	7.56	8.49	9.40	10.32	10.32	3 / 5			
reaction time		interval		1.07	0.96	0.93	0.92	0.90	0.87	0.93	0.91	0.92		# of strides	3.94	2.75	2.71
wind	-2.3 m/s	velocity	5.24	9.35	10.42	10.75	10.87	11.11	11.49	10.75	10.99	10.87	9.69	46.2	7.61	10.91	11.07

Jia Runze (CHN) (2003)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.98	3.06	3.98	4.90	5.80	6.71	7.59	8.48	9.42	10.32	10.32	2 / 5			
reaction time	0.164	interval		1.08	0.92	0.92	0.90	0.91	0.88	0.89	0.94	0.90		# of strides	3.98	2.73	2.71
wind	0.6 m/s	velocity	5.05	9.26	10.87	10.87	11.11	10.99	11.36	11.24	10.64	11.11	9.69	46.2	7.54	10.99	11.07
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.97	3.03	3.99	4.91	5.82	6.71	7.60	8.52	9.43	10.38	10.38	6 / 3			
reaction time	0.165	interval		1.06	0.96	0.92	0.91	0.89	0.89	0.92	0.91	0.95		# of strides	3.99	2.72	2.72
wind	-0.1 m/s	velocity	5.08	9.43	10.42	10.87	10.99	11.24	11.24	10.87	10.99	10.53	9.63	47.0	7.52	11.03	11.03
Heat 5 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	14-Sep-24	time	1.92	2.97	3.95	4.90	5.82	6.74	7.65	8.59	9.52	10.52	10.52	4 / 2			
reaction time	0.185	interval		1.05	0.98	0.95	0.92	0.92	0.91	0.94	0.93	1.00		# of strides	3.95	2.79	2.78
wind	-1.6 m/s	velocity	5.21	9.52	10.20	10.53	10.87	10.87	10.99	10.64	10.75	10.00	9.51	46.0	7.59	10.75	10.79
Semi-Final 3 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-May-24	time	1.98	3.03	4.00	4.92	5.81	6.71	7.62	8.52	9.44	10.38	10.38	2 / 3			
reaction time	0.176	interval		1.05	0.97	0.92	0.89	0.90	0.91	0.90	0.92	0.94	PB	# of strides	4.00	2.71	2.73
wind	-0.3 m/s	velocity	5.05	9.52	10.31	10.87	11.24	11.11	10.99	11.11	10.87	10.64	9.63	46.0	7.50	11.07	10.99
Heat 9 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-May-24	time	1.96	3.02	4.00	4.93		6.79	7.68	8.60	9.53	10.48	10.48	2 / 2			
reaction time	0.192	interval		1.06	0.98	0.93		1.86	0.89	0.92	0.93	0.95	PB	# of strides	4.00	2.79	2.74
wind	-0.6 m/s	velocity	5.10	9.43	10.20	10.75		10.75	11.24	10.87	10.75	10.53	9.54	46.0	7.50	10.75	10.95
FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	14-May-24	time	1.99	3.08	4.07	5.06	6.05	7.01	7.97	8.93	10.11	11.40	11.40	6 / 8			
reaction time	0.165	interval		1.09	0.99	0.99	0.99	0.96	0.96	0.96	1.18	1.29		# of strides	4.07	2.94	3.10
wind	0.0 m/s	velocity	5.03	9.17	10.10	10.10	10.10	10.42	10.42	10.42	8.47	7.75	8.77	45.0	7.37	10.20	9.68
Semi-Final 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	14-May-24	time	1.97	3.02	4.00	4.97	5.91	6.80	7.70	8.59	9.55	10.53	10.53	4 / 2			
reaction time	0.171	interval		1.05	0.98	0.97	0.94	0.89	0.90	0.89	0.96	0.98		# of strides	4.00	2.80	2.75
wind	-0.7 m/s	velocity	5.08	9.52	10.20	10.31	10.64	11.24	11.11	11.24	10.42	10.20	9.50	46.5	7.50	10.71	10.91
Heat 5 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	13-May-24	time	1.96	3.05	4.05	4.99	5.92	6.83	7.76	8.68	9.63	10.58	10.58	2 / 1			

reaction time	0.168	interval		1.09	1.00	0.94	0.93	0.91	0.93	0.92	0.95	0.95	PB	# of strides	4.05	2.78	2.80
wind	-0.7 m/s	velocity	5.10	9.17	10.00	10.64	10.75	10.99	10.75	10.87	10.53	10.53	9.45	47.0	7.41	10.79	10.71

Heat 7 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.01	3.06	4.05	5.02	5.94	6.89					6.89	4 / 2			
reaction time	0.179	interval		1.05	0.99	0.97	0.92	0.95					PB	# of strides	4.05	2.84	
		velocity	4.98	9.52	10.10	10.31	10.87	10.53					8.71	29.5	7.41	10.56	

Jiang Chunyang (CHN) (2006)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.02	3.09	4.12	5.09	6.08	7.07	8.07	9.09	10.16	11.20	11.20	5 / 4			
reaction time	0.168	interval		1.07	1.03	0.97	0.99	0.99	1.00	1.02	1.07	1.04		# of strides	4.12	2.95	3.09
wind	-0.1 m/s	velocity	4.95	9.35	9.71	10.31	10.10	10.10	10.00	9.80	9.35	9.62	8.93	46.0	7.28	10.17	9.71

Jiang Junpeng (CHN) (1999)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-May-24	time	1.99	3.03	4.02	4.97		6.80	7.76	8.71	9.67	10.67	10.67	3 / 4			
reaction time	0.174	interval		1.04	0.99	0.95		1.83	0.96	0.95	0.96	1.00		# of strides	4.02	2.78	2.87
wind	-0.3 m/s	velocity	5.03	9.62	10.10	10.53		10.93	10.42	10.53	10.42	10.00	9.37	47.0	7.46	10.79	10.45

Heat 5 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	1.95	3.01	4.00	4.94	5.90	6.85	7.78	8.74	9.73	10.74	10.74	6 / 3			
reaction time	0.138	interval		1.06	0.99	0.94	0.96	0.95	0.93	0.96	0.99	1.01		# of strides	4.00	2.85	2.88
wind	-0.7 m/s	velocity	5.13	9.43	10.10	10.64	10.42	10.53	10.75	10.42	10.10	9.90	9.31	48.0	7.50	10.53	10.42

Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.95	2.97	3.96	4.87	5.81	6.74					6.74	5 / 5			
reaction time	0.145	interval		1.02	0.99	0.91	0.94	0.93						# of strides	3.96	2.78	
		velocity	5.13	9.80	10.10	10.99	10.64	10.75					8.90	29.7	7.58	10.79	

Heat 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	3.00	3.99	4.91	5.77	6.80					6.80	7 / 2			
reaction time	0.157	interval		1.03	0.99	0.92	0.86	1.03						# of strides	3.99	2.81	
		velocity	5.08	9.71	10.10	10.87	11.63	9.71					8.82	30.0	7.52	10.68	

FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.94	2.99	3.97	4.92	5.85	6.77					6.77	1 / 8			
reaction time	0.159	interval		1.05	0.98	0.95	0.93	0.92						# of strides	3.97	2.80	
		velocity	5.15	9.52	10.20	10.53	10.75	10.87					8.86	30.0	7.56	10.71	

Heat 13 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.92	2.97	3.94	4.89	5.78	6.72					6.72	3 / 3			
reaction time	0.146	interval		1.05	0.97	0.95	0.89	0.94					PB	# of strides	3.94	2.78	
		velocity	5.21	9.52	10.31	10.53	11.24	10.64					8.93	30.0	7.61	10.79	

B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		2.95	3.99	4.93	5.84	6.77					6.77	2 / 3			
reaction time		interval			1.04	0.94	0.91	0.93					PB	# of strides	3.99	2.78	
		velocity		6.78	9.62	10.64	10.99	10.75					8.86	30.0	7.52	10.79	

Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.95	3.03	4.01	4.95	5.87	6.79	7.71	8.64	9.61	10.59	10.59	9 / 6			
reaction time	0.172	interval		1.08	0.98	0.94	0.92	0.92	0.92	0.93	0.97	0.98		# of strides	4.01	2.78	2.82
wind	0.5 m/s	velocity	5.13	9.26	10.20	10.64	10.87	10.87	10.87	10.75	10.31	10.20	9.44	46.5	7.48	10.79	10.64

Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.94	2.99	3.98	4.92	5.87	6.78	7.70	8.65	9.62	10.65	10.65	4 / 3			
reaction time	0.163	interval		1.05	0.99	0.94	0.95	0.91	0.92	0.95	0.97	1.03		# of strides	3.98	2.80	2.84
wind	0.5 m/s	velocity	5.15	9.52	10.10	10.64	10.53	10.99	10.87	10.53	10.31	9.71	9.39	46.2	7.54	10.71	10.56

Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.07	4.04	4.96	5.89	6.83	7.74	8.69	9.66	10.64	10.64	7 / 7			
reaction time	0.203	interval		1.07	0.97	0.92	0.93	0.94	0.91	0.95	0.97	0.98		# of strides	4.04	2.79	2.83
wind	-0.3 m/s	velocity	5.00	9.35	10.31	10.87	10.75	10.64	10.99	10.53	10.31	10.20	9.40	46.2	7.43	10.75	10.60

Heat 12 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.97	3.03	4.01	4.96	5.88	6.79	7.73	8.67	9.64	10.64	10.64	3 / 2			
reaction time		interval		1.06	0.98	0.95	0.92	0.91	0.94	0.94	0.97	1.00		# of strides	4.01	2.78	2.85
wind	-0.9 m/s	velocity	5.08	9.43	10.20	10.53	10.87	10.99	10.64	10.64	10.31	10.00	9.40	47.0	7.48	10.79	10.53

FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.94	2.99	3.99	4.91	5.85	6.78	7.68	8.62	9.60	10.57	10.57	8 / 4			

reaction time	0.158	interval		1.05	1.00	0.92	0.94	0.93	0.90	0.94	0.98	0.97	**PB**	# of strides	3.99	2.79	2.82
wind	0.8 m/s	velocity	5.15	9.52	10.00	10.87	10.64	10.75	11.11	10.64	10.20	10.31	9.46	46.5	7.52	10.75	10.64

Semi-Final 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.95	3.03	3.99	4.94	5.87	6.79	7.74	8.68	9.66	10.65	10.65	5 / 2			
reaction time	0.163	interval		1.08	0.96	0.95	0.93	0.92	0.95	0.94	0.98	0.99		# of strides	3.99	2.80	2.87
wind	1.7 m/s	velocity	5.13	9.26	10.42	10.53	10.75	10.87	10.53	10.64	10.20	10.10	9.39	47.0	7.52	10.71	10.45

Heat 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.94	3.01	3.99	4.96	5.87	6.82	7.76	8.70	9.65	10.65	10.65	4 / 1			
reaction time	0.168	interval		1.07	0.98	0.97	0.91	0.95	0.94	0.94	0.95	1.00		# of strides	3.99	2.83	2.83
wind	0.8 m/s	velocity	5.15	9.35	10.20	10.31	10.99	10.53	10.64	10.64	10.53	10.00	9.39	47.0	7.52	10.60	10.60

B FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.00	3.03	4.00	4.95	5.89	6.84					6.84	2 / 4			
reaction time	0.173	interval		1.03	0.97	0.95	0.94	0.95					**=PB**	# of strides	4.00	2.84	
		velocity	5.00	9.71	10.31	10.53	10.64	10.53					8.77	30.2	7.50	10.56	

Heat 8 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.00	3.05	4.02	4.97	5.90	6.85					6.85	2 / 2			
reaction time	0.171	interval		1.05	0.97	0.95	0.93	0.95						# of strides	4.02	2.83	
		velocity	5.00	9.52	10.31	10.53	10.75	10.53					8.76	30.0	7.46	10.60	

Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.15	3.33	4.42	5.49	6.57	7.68					6.93	4 / 2			
reaction time	0.172	interval		1.18	1.09	1.07	1.08	1.11						# of strides	4.42	3.26	
		velocity	4.65	8.47	9.17	9.35	9.26	9.01					8.66	30.7	6.79	9.20	

Johansson, Fredrik (SWE) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.16			6.95		8.79		10.68	10.68	/ 2			
reaction time		interval						2.79		1.84		1.89		# of strides	4.16	2.79	
wind	1.8 m/s	velocity			7.21			10.75		10.87		10.58	9.36		7.21	10.75	
B FINAL - 2009 Windsprint (Sundsvall, SWE)														*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date	25-Jul-09	time			4.21			7.05		8.94		10.88	10.88	/ 4			
reaction time		interval						2.84		1.89		1.94		# of strides	4.21	2.84	
wind	1.1 m/s	velocity			7.13			10.56		10.58		10.31	9.19		7.13	10.56	

Johansson, Oscar (SWE) (1992)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.20			7.15		9.12		11.16	11.16	2 / 8			
reaction time		interval						2.95		1.97		2.04		# of strides	4.20	2.95	
wind	2.8 m/s	velocity			7.14			10.17		10.15		9.80	8.96		7.14	10.17	
E FINAL - 2012 Windsprint (Sundsvall, SWE)														*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time			4.43			8.79					dnf	/ --			
reaction time		interval						4.36						# of strides	4.43	4.36	
wind	1.4 m/s	velocity			6.77			6.88							6.77	6.88	
E FINAL - 2011 Windsprint (Sundsvall, SWE)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date	31-Jul-11	time			4.18			7.09		9.03		11.03	11.03	8 / 2			
reaction time		interval						2.91		1.94		2.00		# of strides	4.18	2.91	
wind	1.8 m/s	velocity			7.18			10.31		10.31		10.00	9.07		7.18	10.31	

Johnsen, Daniel (NOR) (1998)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)														*Omega Timing (2021) - diamond league race analysis*			
date	01-Jul-21	time		3.1		5.1		7.0		8.9		10.95	10.95	3 / 6			
reaction time	0.108	interval				2.00		1.90		1.90		2.05		# of strides			
wind	0.2 m/s	velocity		6.45		10.00		10.53		10.53		9.76	9.13				

Johnsen, Henrik (NOR) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			4.14			7.05		8.98		10.96	10.96	2 / 5			
reaction time		interval						2.91		1.93		1.98		# of strides	4.14	2.91	
wind	2.1 m/s	velocity			7.25			10.31		10.36		10.10	9.12		7.25	10.31	
D FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			4.07			6.91		8.82		10.80	10.80	1 / 2			
reaction time		interval						2.84		1.91		1.98		# of strides	4.07	2.84	
wind	1.7 m/s	velocity			7.37			10.56		10.47		10.10	9.26		7.37	10.56	

Johnson, Ben (CAN) (1961)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 24-Sep-88	time	1.83	2.87	3.80	4.66	5.50	6.33	7.17	8.02	8.89	9.79	9.79	6 / ~~4~~			
reaction time 0.132	interval		1.04	0.93	0.86	0.84	0.83	0.84	0.85	0.87	0.90	~~WR~~ DV	# of strides	3.80	2.53	2.56
wind 1.1 m/s	velocity	5.46	9.62	10.75	11.63	11.90	12.05	11.90	11.76	11.49	11.11	10.21	46.6	7.89	11.86	11.72
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 24-Sep-88	time	1.89	2.92	3.82	4.70	5.58	6.44	7.32	8.20	9.10	10.03	10.03	6 / ~~1~~			
reaction time	interval		1.03	0.90	0.88	0.88	0.86	0.88	0.88	0.90	0.93	DV	# of strides	3.82	2.62	2.66
wind -1.2 m/s	velocity	5.29	9.71	11.11	11.36	11.36	11.63	11.36	11.36	11.11	10.75	9.97		7.85	11.45	11.28
FINAL - 1987 IAAF World Championships (Rome, ITA)												*Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*			
date 30-Aug-87	time	1.84	2.86	3.80	4.67	5.53	6.38	7.23	8.10	8.96	9.83	9.83	5 / ~~1~~			
reaction time 0.109	interval		1.02	0.94	0.87	0.86	0.85	0.85	0.87	0.86	0.87	~~WR~~ DV	# of strides	3.80	2.58	2.58
wind 1.0 m/s	velocity	5.43	9.80	10.64	11.49	11.63	11.76	11.76	11.49	11.63	11.49	10.17	46.2	7.89	11.63	11.63
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)												*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date 30-Aug-87	time	1.84	2.88	3.83	4.75	5.64	6.51	7.38	8.26	9.15	10.15	10.15	6 / ~~4~~			
reaction time	interval		1.04	0.95	0.92	0.89	0.87	0.87	0.88	0.89	1.00	DV	# of strides	3.83	2.68	2.64
wind -0.3 m/s	velocity	5.43	9.62	10.53	10.87	11.24	11.49	11.49	11.36	11.24	10.00	9.85	45.5	7.83	11.19	11.36
Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA)												*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date 29-Aug-87	time	1.88	2.88	3.82	4.72	5.60	6.48	7.35	8.25	9.16	10.14	10.14	4 / ~~2~~			
reaction time	interval		1.00	0.94	0.90	0.88	0.88	0.87	0.90	0.91	0.98	DV	# of strides	3.82	2.66	2.68
wind -0.4 m/s	velocity	5.32	10.00	10.64	11.11	11.36	11.36	11.49	11.11	10.99	10.20	9.86	44.5	7.85	11.28	11.19
Heat 5 - 1987 IAAF World Championships (Rome, ITA)												*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date 29-Aug-87	time	1.91	2.93	3.87	4.78	5.67	6.55	7.44	8.34	9.26	10.24	10.24	6 / ~~4~~			
reaction time	interval		1.02	0.94	0.91	0.89	0.88	0.89	0.90	0.92	0.98	DV	# of strides	3.87	2.68	2.71
wind 0.6 m/s	velocity	5.24	9.80	10.64	10.99	11.24	11.36	11.24	11.11	10.87	10.20	9.77	45.5	7.75	11.19	11.07
FINAL - 1986 Goodwill Games (Moscow, URS)												*Levchenko (1989) - 100 meters in 9.83: the birth of a record*			
date 09-Jul-86	time			3.86			6.47				9.95	9.95	/ ~~1~~			
reaction time	interval						2.61				3.48	DV	# of strides	3.86	2.61	
wind 0.8 m/s	velocity			7.77			11.49				11.49	10.05	46.5	7.77	11.49	

Johnson, Chris (USA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Windsprint (Sundsvall, SWE)												*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date 06-Jul-08	time			3.99			6.77		8.61		10.55	10.55	4 / 5			
reaction time	interval						2.78		1.84		1.94		# of strides	3.99	2.78	
wind 1.6 m/s	velocity			7.52			10.79		10.87		10.31	9.48	46.2	7.52	10.79	
FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.03			6.75		8.57		10.49	10.49	/ 1			
reaction time	interval						2.72		1.82		1.92		# of strides	4.03	2.72	
wind 1.4 m/s	velocity			7.44			11.03		10.99		10.42	9.53		7.44	11.03	

Johnson, Joshua J. (USA) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 20-Jun-03	time	2.05	3.12	4.09	5.00	5.87	6.74	7.60	8.48	9.36	10.24	10.24	5 / ~~5~~ 4			
reaction time	interval		1.07	0.97	0.91	0.87	0.87	0.86	0.88	0.88	0.88		# of strides	4.09	2.65	2.62
wind 1.6 m/s	velocity	4.88	9.35	10.31	10.99	11.49	11.49	11.63	11.36	11.36	11.36	9.77		7.33	11.32	11.45

Jonáš, Tomáš (CZE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time		3.12		5.13		7.07		9.04		11.11	11.11	7 / 5			
reaction time 0.136	interval				2.01		1.94		1.97		2.07		# of strides			
wind -1.2 m/s	velocity		6.41		9.95		10.31		10.15		9.66	9.00				

Jones, Conroy (JAM) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		2.9		4.8		6.6		8.4		10.33	10.33	6 / 5			
reaction time 0.154	interval				1.90		1.80		1.80		1.93		# of strides			
wind -0.2 m/s	velocity		6.90		10.53		11.11		11.11		10.36	9.68	49.0			

Jones, Garry (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.00	3.07	4.05	4.97	5.91	6.81	7.72	8.67	9.63	10.60	10.60	6 / 5			
reaction time	interval		1.07	0.98	0.92	0.94	0.90	0.91	0.95	0.96	0.97		# of strides	4.05	2.76	2.82
wind 0.0 m/s	velocity	5.00	9.35	10.20	10.87	10.64	11.11	10.99	10.53	10.42	10.31	9.43		7.41	10.87	10.64

Jones, Johnny (USA) (1958)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1976 Olympic Games (Montreal, CAN) *Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*

date	24-Jul-76	time		3.83		6.58		8.39		10.27	10.27	6 / 6			
reaction time		interval				2.75		1.81		1.88		# of strides	3.83	2.75	
wind	0.0 m/s	velocity		7.83		10.91		11.05		10.64	9.74	44.0	7.83	10.91	

Jones, Terrence (BAH) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.93	2.98	3.90	4.82	5.71	6.60	7.52	8.43	9.36	10.31	10.31	7 / 6			
reaction time 0.164 interval		1.05	0.92	0.92	0.89	0.89	0.92	0.91	0.93	0.95		# of strides	3.90	2.70	2.76
wind 0.0 m/s velocity	5.18	9.52	10.87	10.87	11.24	11.24	10.87	10.99	10.75	10.53	9.70	44.0	7.69	11.11	10.87

Jones, Thomas (SWE) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	1.95	3.03	4.03	4.99	5.93	6.86	7.81	8.77	9.75	10.75	10.75	1 / 8			
reaction time 0.124 interval		1.08	1.00	0.96	0.94	0.93	0.95	0.96	0.98	1.00		# of strides	4.03	2.83	2.89
wind -1.6 m/s velocity	5.13	9.26	10.00	10.42	10.64	10.75	10.53	10.42	10.20	10.00	9.30		7.44	10.60	10.38

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

date	04-Jul-21	time	3.0		4.9		6.8		8.6		10.46	10.46	4 / 5			
reaction time	0.144	interval			1.90		1.90		1.80		1.86	PB	# of strides			
wind	0.5 m/s	velocity	6.67		10.53		10.53		11.11		10.75	9.56	48.5			

Jonasson, Erik (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.51			7.75		9.94		12.21	12.21	/ 5			
reaction time			interval			3.24		2.19		2.27		# of strides	4.51	3.24	
wind 0.2 m/s			velocity	6.65		9.26		9.13		8.81	8.19		6.65	9.26	

Jónsson, Óttar (NOR) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.25			7.21		9.18		11.22	11.22	6 / 2			
reaction time			interval			2.96		1.97		2.04		# of strides	4.25	2.96	
wind 1.9 m/s			velocity	7.06		10.14		10.15		9.80	8.91		7.06	10.14	

Jonsson, Per (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.45			7.58				11.88	11.88	2 / 4			
reaction time			interval			3.13				4.30		# of strides	4.45	3.13	
wind 0.5 m/s			velocity	6.74		9.58				9.30	8.42		6.74	9.58	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.43			7.53				11.80	11.80	1 / 6			
reaction time			interval			3.10				4.27		# of strides	4.43	3.10	
wind 1.5 m/s			velocity	6.77		9.68				9.37	8.47		6.77	9.68	
G FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.37			7.44		9.51		11.63	11.63	6 / 2			
reaction time			interval			3.07		2.07		2.12		# of strides	4.37	3.07	
wind 1.6 m/s			velocity	6.86		9.77		9.66		9.43	8.60		6.86	9.77	
G FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.43			7.50		9.57		11.73	11.73	8 / 6			
reaction time			interval			3.07		2.07		2.16		# of strides	4.43	3.07	
wind 1.9 m/s			velocity	6.77		9.77		9.66		9.26	8.53		6.77	9.77	
E FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.44			7.52		9.58		11.71	11.71	/ 4			
reaction time			interval			3.08		2.06		2.13		# of strides	4.44	3.08	
wind 1.4 m/s			velocity	6.76		9.74		9.71		9.39	8.54		6.76	9.74	
F FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11 time			4.38			7.43		9.46		11.57	11.57	8 / 7			
reaction time			interval			3.05		2.03		2.11		# of strides	4.38	3.05	
wind 1.6 m/s			velocity	6.85		9.84		9.85		9.48	8.64		6.85	9.84	
E FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10 time			4.38			7.50		9.57		11.70	11.70	/ 2			
reaction time			interval			3.12		2.07		2.13		# of strides	4.38	3.12	
wind 1.6 m/s			velocity	6.85		9.62		9.66		9.39	8.55		6.85	9.62	

Jonsson, Tobias (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			

date	31-Jul-16	time		4.34		7.38			11.58	11.58	5 / 3				
reaction time		interval				3.04			4.20		# of strides	4.34	3.04		
wind	0.5 m/s	velocity		6.91		9.87			9.52	8.64		6.91	9.87		

Heat 3 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.35		7.38			11.57	11.57	2 / 4				
reaction time		interval				3.03			4.19		# of strides	4.35	3.03		
wind	1.5 m/s	velocity		6.90		9.90			9.55	8.64		6.90	9.90		

Jordán, Abel (ESP) (2003)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.90	2.95	3.90	4.81	5.70	6.68					6.68	7 / 8			
reaction time	0.129	interval		1.05	0.95	0.91	0.89	0.98						# of strides	3.90	2.78	
		velocity	5.26	9.52	10.53	10.99	11.24	10.20					8.98		7.69	10.79	

Jumaah, Jassim (QAT) (2009)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
West Asian GP - 2025 Jetour Doha Meeting (Doha, QAT)														*Omega Timing (2025) - diamond league race analysis*			
date	16-May-25	time	1.87	2.96	3.92	4.86	5.79	6.72	7.66	8.61	9.57	10.61	10.61	4 / 6			
reaction time	0.131	interval		1.09	0.96	0.94	0.93	0.93	0.94	0.95	0.96	1.04	PB	# of strides	3.92	2.80	2.85
wind	1.4 m/s	velocity	5.35	9.17	10.42	10.64	10.75	10.75	10.64	10.53	10.42	9.62	9.43	45.0	7.65	10.71	10.53

Juusela, Lasse (FIN) (1972)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	20-Jul-94	time			4.00			6.81		8.72		10.65	10.65	/ 4			
reaction time		interval						2.81		1.91		1.93		# of strides	4.00	2.81	
wind	1.8 m/s	velocity			7.50			10.68		10.47		10.36	9.39		7.50	10.68	

Kadlec, Marcel (CZE) (1994)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)														*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date	15-Jun-13	time		3.05		4.95		6.78		8.65		10.58	10.58	5 / 2			
reaction time	0.173	interval				1.90		1.83		1.87		1.93	PB	# of strides			
wind	1.4 m/s	velocity		6.56		10.53		10.93		10.70		10.36	9.45				

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.96	3.08	4.08	5.03	5.97	6.93					6.93	2 / 7			
reaction time	0.162	interval		1.12	1.00	0.95	0.94	0.96						# of strides	4.08	2.85	
		velocity	5.10	8.93	10.00	10.53	10.64	10.42					8.66		7.35	10.53	

Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.95	3.06	4.06	5.00	5.96	6.92					6.92	6 / 4			
reaction time	0.154	interval		1.11	1.00	0.94	0.96	0.96						# of strides	4.06	2.86	
		velocity	5.13	9.01	10.00	10.64	10.42	10.42					8.67		7.39	10.49	

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.98	3.09	4.10	5.06	6.00	6.97					6.97	3 / 3			
reaction time	0.172	interval		1.11	1.01	0.96	0.94	0.97						# of strides	4.10	2.87	
		velocity	5.05	9.01	9.90	10.42	10.64	10.31					8.61		7.32	10.45	

Kadowaki, Riku (JPN) (2000)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	26-May-18	time			4.03			6.87			9.65	10.62	10.62	6 / 1			
reaction time		interval						2.84			2.78	0.97		# of strides	4.03	2.84	2.78
wind	2.3 m/s	velocity			7.44			10.56			10.79	10.31	9.42	50.0	7.44	10.56	10.79

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time			4.10			6.90				10.80	10.80	5 / 2			
reaction time		interval						2.80				3.90		# of strides	4.10	2.80	
wind	2.1 m/s	velocity			7.32			10.71				10.26	9.26	50.5	7.32	10.71	

Kajitani, Seiya (JPN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Shimane High School Championships (Izumo, JPN)														*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	27-May-23	time			4.15			7.13			10.20	11.32	11.32	7 / 8			
reaction time		interval						2.98			3.07	1.12		# of strides	4.15	2.98	3.07
wind	0.9 m/s	velocity			7.23			10.07			9.77	8.93	8.83	53.0	7.23	10.07	9.77

Kakiouea, Winzar (NRU) (2001)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 5 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	2.03	3.13	4.16	5.15	6.12	7.09	8.07	9.07	10.10	11.15	11.15	6 / ~~6~~ 5			
reaction time	0.165	interval		1.10	1.03	0.99	0.97	0.97	0.98	1.00	1.03	1.05		# of strides	4.16	2.93	3.01
wind	-0.4 m/s	velocity	4.93	9.09	9.71	10.10	10.31	10.31	10.20	10.00	9.71	9.52	8.97	50.5	7.21	10.24	9.97

Kakuhashi, Yuto (JPN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time		4.18		7.10		10.10	11.14	11.14	6 / 6				
reaction time		interval				2.92		3.00	1.04		# of strides	4.18	2.92	3.00	
wind	0.5 m/s	velocity		7.18		10.27		10.00	9.62	8.98	50.0	7.18	10.27	10.00	

Kallur, Martin (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11 time			4.24			7.21		9.21		11.30	11.30	4 / 6			
reaction time		interval				2.97		2.00		2.09		# of strides	4.24	2.97	
wind 1.8 m/s	velocity		7.08			10.10		10.00		9.57	8.85		7.08	10.10	

Kanamori, Kazuki (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)												*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-12 time					5.93	6.84	7.76	8.71	9.66	10.63	10.63	3 / 5			
reaction time		interval				0.91	0.92	0.95	0.95	0.97		# of strides			2.82
wind 0.0 m/s	velocity				8.43	10.99	10.87	10.53	10.53	10.31	9.41				10.64
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date 04-Aug-11 time					5.98	6.91	7.85	8.80	9.77	10.74	10.74	8 / 6			
reaction time		interval				0.93	0.94	0.95	0.97	0.97		# of strides			2.86
wind -0.5 m/s	velocity				8.36	10.75	10.64	10.53	10.31	10.31	9.31				10.49

Kanazawa, Riki (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23 time			4.18			7.12			10.10	11.14	11.14	2 / 5			
reaction time		interval				2.94			2.98	1.04		# of strides	4.18	2.94	2.98
wind 0.9 m/s	velocity		7.18			10.20			10.07	9.62	8.98	50.5	7.18	10.20	10.07

Kaniwete, Kenaz (KIR) (2008)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	2.05	3.19	4.23	5.21	6.19	7.17	8.17	9.19	10.23	11.29	11.29	7 / 5			
reaction time 0.177	interval		1.14	1.04	0.98	0.98	0.98	1.00	1.02	1.04	1.06	**PB**	# of strides	4.23	2.94	3.06
wind -0.3 m/s	velocity	4.88	8.77	9.62	10.20	10.20	10.20	10.00	9.80	9.62	9.43	8.86	49.0	7.09	10.20	9.80

Kanno, Ryohei (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date 03-Aug-23 time	1.96	3.06	4.07	5.04	6.00	6.96	7.93	8.91	9.91	10.93	10.93	7 / 3			
reaction time 0.194	interval		1.10	1.01	0.97	0.96	0.96	0.97	0.98	1.00	1.02	# of strides	4.07	2.89	2.95
wind -2.7 m/s	velocity	5.10	9.09	9.90	10.31	10.42	10.42	10.31	10.20	10.00	9.80	9.15		7.37	10.38	10.17

Kanno, Yuta (JPN) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 10-May-08 time	1.96	3.02	3.98	4.92	5.85	6.78	7.71	8.65	9.61	10.58	10.58	/ 4			
reaction time	interval		1.06	0.96	0.94	0.93	0.93	0.93	0.94	0.96	0.97	# of strides	3.98	2.80	2.83
wind -1.4 m/s	velocity	5.10	9.43	10.42	10.64	10.75	10.75	10.75	10.64	10.42	10.31	9.45		7.54	10.71	10.60

Kapstad, Linus (SWE) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.17		6.10	7.03		8.94		10.90	10.90	3 / 4			
reaction time		interval			1.93	0.93		1.91		1.96		# of strides	4.17	2.86	
wind 1.5 m/s	velocity		7.19		10.36	10.75		10.47		10.20	9.17		7.19	10.49	
A FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.15			7.00				10.93	10.93	2 / 5			
reaction time		interval				2.85				3.93	**PB**	# of strides	4.15	2.85	
wind 1.4 m/s	velocity		7.23			10.53				10.18	9.15		7.23	10.53	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.15			7.02				11.00	11.00	4 / 1			
reaction time		interval				2.87				3.98	**=PB**	# of strides	4.15	2.87	
wind 0.7 m/s	velocity		7.23			10.45				10.05	9.09		7.23	10.45	

Karamanolov, Nikola (BUL) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25 time	1.92	3.00	3.98	4.92	5.84	6.82					6.82	7 / 8			
reaction time 0.168	interval		1.08	0.98	0.94	0.92	0.98					# of strides	3.98	2.84	
	velocity	5.21	9.26	10.20	10.64	10.87	10.20				8.80		7.54	10.56	

Karlsson, Alexander (NOR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.13			6.96		8.84		10.76	10.76	5 / 1			
reaction time		interval				2.83		1.88		1.92	**PB**	# of strides	4.13	2.83	

wind	1.7 m/s	velocity		7.26		10.60	10.64	10.42	9.29		7.26	10.60

B FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		4.18		7.04	8.93	10.91	10.91	/ 5		
reaction time		interval				2.86	1.89	1.98		# of strides	4.18	2.86
wind	1.0 m/s	velocity		7.18		10.49	10.58	10.10	9.17		7.18	10.49

C FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.09		6.93	8.81	10.76	10.76	4 / 3		
reaction time		interval				2.84	1.88	1.95		# of strides	4.09	2.84
wind	2.8 m/s	velocity		7.33		10.56	10.64	10.26	9.29		7.33	10.56

Karlsson, Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time		4.13			7.01		8.91		10.89	10.89	/ 5			
reaction time	interval					2.88		1.90		1.98		# of strides	4.13	2.88	
wind 1.1 m/s	velocity		7.26			10.42		10.53		10.10	9.18		7.26	10.42	

B FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time		4.15		7.01	8.96	10.98	10.98	/ 3		
reaction time		interval				2.86	1.95	2.02		# of strides	4.15	2.86
wind	1.1 m/s	velocity		7.23		10.49	10.26	9.90	9.11		7.23	10.49

Karlsson, Peter (SWE) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94	time		3.96			6.64		8.40		10.25	10.25	/ 4			
reaction time	interval					2.68		1.76		1.85		# of strides	3.96	2.68	
wind 1.8 m/s	velocity		7.58			11.19		11.36		10.81	9.76		7.58	11.19	

Karpov, Dmitriy (KAZ) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	3.19		5.18		7.12		9.03		11.02	11.02	6 / 2			
reaction time 0.158	interval			1.99		1.94		1.91		1.99		# of strides			
wind 0.3 m/s	velocity	6.27		10.05		10.31		10.47		10.05	9.07				

Kashafali, Salum Ageze (NOR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)												*Omega Timing (2021) - diamond league race analysis*			
date 01-Jul-21	time	3.0		5.0		6.8		8.7		10.58	10.58	5 / 1			
reaction time 0.132	interval			2.00		1.80		1.90		1.88		# of strides			
wind 0.2 m/s	velocity	6.67		10.00		11.11		10.53		10.64	9.45				

Kåstad, Martin (NOR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time					7.33		9.33		11.31	11.31	8 / 6			
reaction time	interval							2.00		1.98		# of strides			
wind 0.9 m/s	velocity					8.19		10.00		10.10	8.84				

D FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.17		7.05	8.95	10.89	10.89	4 / 4		
reaction time		interval				2.88	1.90	1.94		# of strides	4.17	2.88
wind	1.7 m/s	velocity		7.19		10.42	10.53	10.31	9.18		7.19	10.42

Kasyanov, Oleksiy (UKR) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time	3.08		5.01		6.89		8.73		10.63	10.63	6 / 4			
reaction time 0.162	interval			1.93		1.88		1.84		1.90		# of strides			
wind 0.2 m/s	velocity	6.49		10.36		10.64		10.87		10.53	9.41				

Katayama, Kazuya (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championsips (Akita, JPN)												*Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*			
date 10-Jun-23	time	1.97	3.08	4.10	5.09	6.06	7.04	8.03	9.04	10.08	11.15	11.15	8 / 7			
reaction time	interval		1.11	1.02	0.99	0.97	0.98	0.99	1.01	1.04	1.07		# of strides	4.10	2.94	3.04
wind 0.1 m/s	velocity	5.08	9.01	9.80	10.10	10.31	10.20	10.10	9.90	9.62	9.35	8.97		7.32	10.20	9.87

Decathlon - Heat 1 - 2023 Michitaka Kinami Memorial (Osaka, JPN) *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

date	06-May-23	time	1.95	3.09	4.12	5.12	6.10	7.09	8.09	9.11	10.15	11.23	11.23	5 / 4			
reaction time	0.152	interval		1.14	1.03	1.00	0.98	0.99	1.00	1.02	1.04	1.08		# of strides	4.12	2.97	3.06
wind	-1.1 m/s	velocity	5.13	8.77	9.71	10.00	10.20	10.10	10.00	9.80	9.62	9.26	8.90		7.28	10.10	9.80

Kato, Kodai (JPN) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN)												*Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*			
date 27-Jun-09	time		4.02			6.77				10.46	10.46	4 / 5			

reaction time		interval					2.75				3.69		# of strides	4.02	2.75		
wind	1.0 m/s	velocity			7.46		10.91				10.84	9.56	46.1	7.46	10.91		

Kato, Shinnosuke (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	1.98	3.08	4.07	5.02	5.95	6.87	7.79	8.72	9.66	10.62	10.62	1 / 5			
reaction time 0.173	interval		1.10	0.99	0.95	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.07	2.80	2.79
wind 0.6 m/s	velocity	5.05	9.09	10.10	10.53	10.75	10.87	10.87	10.75	10.64	10.42	9.42	49.2	7.37	10.71	10.75
Heat 1 - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	1.96	3.05	4.04	4.98	5.90	6.82	7.73	8.65	9.59	10.54	10.54	3 / 2			
reaction time 0.175	interval		1.09	0.99	0.94	0.92	0.92	0.91	0.92	0.94	0.95		# of strides	4.04	2.78	2.77
wind 2.0 m/s	velocity	5.10	9.17	10.10	10.64	10.87	10.87	10.99	10.87	10.64	10.53	9.49	49.2	7.43	10.79	10.83

Katsuse, Kendai (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)												*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-15	time			3.92	4.87	5.81	6.71	7.62	8.55	9.50	10.48	10.48	/ 3			
reaction time	interval				0.95	0.94	0.90	0.91	0.93	0.95	0.98	**PB**	# of strides	3.92	2.79	2.79
wind -0.8 m/s	velocity			7.65	10.53	10.64	11.11	10.99	10.75	10.53	10.20	9.54		7.65	10.75	10.75

Kaul, Niklas (GER) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 02-Aug-24	time	2.15	3.33	4.39	5.39	6.38	7.36	8.37	9.34	10.35	11.34	11.34	5 / 7			
reaction time 0.162	interval		1.18	1.06	1.00	0.99	0.98	1.01	0.97	1.01	0.99		# of strides	4.39	2.97	2.99
wind 0.9 m/s	velocity	4.65	8.47	9.43	10.00	10.10	10.20	9.90	10.31	9.90	10.10	8.82	44.2	6.83	10.10	10.03

Kawai, Genki (JPN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Japanese National High School Championships (Saga, JPN)												*Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*			
date 03-Aug-07	time		2.97	3.95	4.88	5.81	6.74	7.68	8.62	9.58	10.59	10.59	8 / 2			
reaction time	interval			0.98	0.93	0.93	0.93	0.94	0.94	0.96	1.01		# of strides	3.95	2.79	2.84
wind 0.7 m/s	velocity		6.73	10.20	10.75	10.75	10.75	10.64	10.64	10.42	9.90	9.44		7.59	10.75	10.56

Kawabata, Ryota (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22	time			4.10			7.17			10.13	11.19	11.19	2 / 5			
reaction time	interval						3.07			2.96	1.06		# of strides	4.10	3.07	2.96
wind -1.8 m/s	velocity			7.32			9.77			10.14	9.43	8.94	50.5	7.32	9.77	10.14
FINAL - 2021 Shimane High School Championships (Izumo, JPN)												*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 29-May-21	time			4.08			7.00			9.87	10.89	10.89	8 / 5			
reaction time	interval						2.92			2.87	1.02		# of strides	4.08	2.92	2.87
wind 3.3 m/s	velocity			7.35			10.27			10.45	9.80	9.18	50.3	7.35	10.27	10.45

Kawakami, Takuya (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 05-Oct-19	time			3.97		5.81					10.70	10.70	7 / 8			
reaction time 0.140	interval					1.84					4.89		# of strides	3.97		
wind -0.1 m/s	velocity			7.56		3.44					10.22	9.35	49.0	7.56		
A FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 01-Sep-19	time	1.83	2.88	3.83	4.74	5.63	6.53	7.42	8.34	9.27	10.22	10.22	3 / 4			
reaction time	interval		1.05	0.95	0.91	0.89	0.90	0.89	0.92	0.93	0.95	**PB**	# of strides	3.83	2.70	2.74
wind 1.0 m/s	velocity	5.46	9.52	10.53	10.99	11.24	11.11	11.24	10.87	10.75	10.53	9.78	51.2	7.83	11.11	10.95
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)												*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date 23-Sep-18	time	1.87	2.91	3.86	4.77	5.66	6.56	7.47	8.40	9.35	10.33	10.33	6 / 3			
reaction time 0.131	interval		1.04	0.95	0.91	0.89	0.90	0.91	0.93	0.95	0.98		# of strides	3.86	2.70	2.79
wind 0.0 m/s	velocity	5.35	9.62	10.53	10.99	11.24	11.11	10.99	10.75	10.53	10.20	9.68	49.1	7.77	11.11	10.75
FINAL - 2017 Japanese National Championships (Osaka, JPN)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date 24-Jun-17	time	1.88	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.41	10.38	10.38	/ 5			
reaction time 0.146	interval		1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97		# of strides	3.91	2.73	2.77
wind 0.5 m/s	velocity	5.32	9.35	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.63	48.6	7.67	10.99	10.83
FINAL - 2013 Japanese National High School Championships (Oita, JPN)												*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*			
date 31-Jul-13	time	1.97	3.05	4.03	4.97	5.90	6.82	7.75	8.70	9.65	10.65	10.65	/ 6			
reaction time	interval		1.08	0.98	0.94	0.93	0.92	0.93	0.95	0.95	1.00		# of strides	4.03	2.79	2.83
wind 0.1 m/s	velocity	5.08	9.26	10.20	10.64	10.75	10.87	10.75	10.53	10.53	10.00	9.39		7.44	10.75	10.60
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)												*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-12	time					5.88	6.79	7.73	8.69	9.66	10.67	10.67	9 / 8			
reaction time	interval						0.91	0.94	0.96	0.97	1.01		# of strides			2.87

wind	0.0 m/s	velocity					8.50	10.99	10.64	10.42	10.31	9.90	9.37				10.45

Kawata, Kosuke (JPN) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)														*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date	23-Aug-20	time	1.87	2.96	3.94	4.89	5.81	6.73	7.65	8.58	9.53	10.49	10.49	3 / 5			
reaction time	0.128	interval		1.09	0.98	0.95	0.92	0.92	0.92	0.93	0.95	0.96		# of strides	3.94	2.79	2.80
wind	0.7 m/s	velocity	5.35	9.17	10.20	10.53	10.87	10.87	10.87	10.75	10.53	10.42	9.53	53.2	7.61	10.75	10.71

Kawatsura, Sota (JPN) (1989)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2015 Japanese National Championships (Niigata, JPN)														*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
date	28-Jun-15	time	1.89	2.96	3.92	4.85	5.76	6.68	7.59	8.51	9.44	10.40	10.40	3 / 3			
reaction time	0.149	interval		1.07	0.96	0.93	0.91	0.92	0.91	0.92	0.93	0.96		# of strides	3.92	2.76	2.76
wind	-0.9 m/s	velocity	5.29	9.35	10.42	10.75	10.99	10.87	10.99	10.87	10.75	10.42	9.62	50.5	7.65	10.87	10.87
Heat 4 - 2015 Japanese National Championships (Niigata, JPN)														*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
date	27-Jun-15	time	1.91	2.97	3.92	4.84	5.75	6.65	7.57	8.49	9.43	10.39	10.39	6 / 3			
reaction time	0.152	interval		1.06	0.95	0.92	0.91	0.90	0.92	0.92	0.94	0.96		# of strides	3.92	2.73	2.78
wind	0.2 m/s	velocity	5.24	9.43	10.53	10.87	10.99	11.11	10.87	10.87	10.64	10.42	9.62	50.2	7.65	10.99	10.79
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)														*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date	11-May-14	time	1.92	2.96	3.92	4.86	5.77	6.68	7.61	8.55	9.50	10.48	10.48	7 / 7			
reaction time		interval		1.04	0.96	0.94	0.91	0.91	0.93	0.94	0.95	0.98		# of strides	3.92	2.76	2.82
wind	-3.5 m/s	velocity	5.21	9.62	10.42	10.64	10.99	10.99	10.75	10.64	10.53	10.20	9.54	49.4	7.65	10.87	10.64
B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date	29-Apr-14	time	1.92	2.99	3.95	4.86	5.77	6.67	7.57	8.49	9.41	10.36	10.36	3 / 1			
reaction time		interval		1.07	0.96	0.91	0.91	0.90	0.90	0.92	0.92	0.95		# of strides	3.95	2.72	2.74
wind	1.8 m/s	velocity	5.21	9.35	10.42	10.99	10.99	11.11	11.11	10.87	10.87	10.53	9.65	49.9	7.59	11.03	10.95
Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
date	29-Apr-14	time	1.93	2.97	3.92	4.83	5.73	6.62	7.53	8.44	9.36	10.31	10.31	4 / 3			
reaction time		interval		1.04	0.95	0.91	0.90	0.89	0.91	0.91	0.92	0.95		# of strides	3.92	2.70	2.74
wind	2.4 m/s	velocity	5.18	9.62	10.53	10.99	11.11	11.24	10.99	10.99	10.87	10.53	9.70	49.7	7.65	11.11	10.95
Heat 1 - 2013 Japanese National Championships (Chofu, JPN)														*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date	07-Jun-13	time	1.88	2.95	3.91	4.83	5.74	6.65	7.55	8.47	9.39	10.33	10.33	9 / 2			
reaction time		interval		1.07	0.96	0.92	0.91	0.91	0.90	0.92	0.92	0.94		# of strides	3.91	2.74	2.74
wind	0.3 m/s	velocity	5.32	9.35	10.42	10.87	10.99	10.99	11.11	10.87	10.87	10.64	9.68	50.0	7.67	10.95	10.95

Kedéris, Konstadínos (GRE) (1973)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2001 European Cup (Bremen, GER)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	23-Jun-01	time		3.03	3.95	4.89		6.63		8.38		10.15	10.15	/ 2			
reaction time		interval			0.92	0.94		1.74		1.75		1.77	PB	# of strides	3.95	2.68	
wind	1.4 m/s	velocity		6.60	10.87	10.64		11.49		11.43		11.30	9.85		7.59	11.19	

Keller, Martin (GER) (1986)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.05	4.02	4.95		6.77		8.56		10.40	10.40	2 / 7			
reaction time	0.136	interval			0.97	0.93		1.82		1.79		1.84		# of strides	4.02	2.75	
wind	-0.7 m/s	velocity		6.56	10.31	10.75		10.99		11.17		10.87	9.62		7.46	10.91	
Heat 7 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.03	4.00	4.92		6.74		8.52		10.35	10.35	7 / 4			
reaction time	0.143	interval			0.97	0.92		1.82		1.78		1.83		# of strides	4.00	2.74	
wind	0.4 m/s	velocity		6.60	10.31	10.87		10.99		11.24		10.93	9.66		7.50	10.95	
B FINAL - 2009 ISTAF (Berlin, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	14-Jun-09	time		3.12	4.11	5.05		6.88		8.75		10.64	10.64	/ 8			
reaction time	0.197	interval			0.99	0.94		1.83		1.87		1.89		# of strides	4.11	2.77	
wind	0.2 m/s	velocity		6.41	10.10	10.64		10.93		10.70		10.58	9.40		7.30	10.83	

Keletela, Dorian Rostan (ART) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 8 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.91	2.99	3.96	4.89	5.82	6.73	7.66	8.60	9.56	10.58	10.58	9 / ~~8~~ 7			
reaction time	0.152	interval		1.08	0.97	0.93	0.93	0.91	0.93	0.94	0.96	1.02		# of strides	3.96	2.77	2.83
wind	0.2 m/s	velocity	5.24	9.26	10.31	10.75	10.75	10.99	10.75	10.64	10.42	9.80	9.45	47.0	7.58	10.83	10.60

Kemp, Demek (USA) (1996)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Millrose Games (New York, NY)														*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
date	08-Feb-20	time	1.99	3.00	3.92	4.81	5.69	6.56					6.56	4 / 2			
reaction time	0.162	interval		1.01	0.92	0.89	0.88	0.87						# of strides	3.92	2.64	
		velocity	5.03	9.90	10.87	11.24	11.36	11.49					9.15	30.5	7.65	11.36	

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) — *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-19	time	2.05	3.04	3.95	4.85	5.74	6.50			6.50	3 / 1	
reaction time		interval		0.99	0.91	0.90	0.89	0.76			PB	# of strides	3.95	2.55
		velocity	4.88	10.10	10.99	11.11	11.24	13.16			9.23	30.7	7.59	11.76

FINAL - 2019 The Match - Europe v USA (Minsk, BLR) — *European Athletics (2019) - race analysis*

date	09-Sep-19	time					5.83			10.28	10.28	7 / 3	
reaction time	0.206	interval								4.45		# of strides	
wind	-1.1 m/s	velocity					8.58			11.24	9.73	47.0	

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) — *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.7		8.5	10.44	10.44	9 / 8	
reaction time	0.151	interval				1.9		1.8		1.8	1.94		# of strides	
wind	-0.3 m/s	velocity		6.67		10.53		11.11		11.11	10.31	9.58		

Kennedy, Lachlan (AUS) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	26-Apr-25	time	1.93	2.96	3.91	4.82	5.71	6.58	7.45	8.35	9.25	10.18	10.18	10 / 5			
reaction time	0.141	interval		1.03	0.95	0.91	0.89	0.87	0.87	0.90	0.90	0.93		# of strides	3.91	2.67	2.67
wind	0.2 m/s	velocity	5.18	9.71	10.53	10.99	11.24	11.49	11.49	11.11	11.11	10.75	9.82	48.5	7.67	11.24	11.24

Kerley, Fred (USA) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	13-Sep-24	time	1.92	2.96	3.91	4.82	5.69	6.56	7.41	8.27	9.14	10.01	10.01	4 / 3			
reaction time	0.141	interval		1.04	0.95	0.91	0.87	0.87	0.85	0.86	0.87	0.87		# of strides	3.91	2.65	2.58
wind	0.1 m/s	velocity	5.21	9.62	10.53	10.99	11.49	11.49	11.76	11.63	11.49	11.49	9.99	43.7	7.67	11.32	11.63

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

date	30-Aug-24	time	1.89	2.94	3.88	4.78	5.65	6.51	7.36	8.22	9.09	9.95	9.95	4 / 3			
reaction time	0.144	interval		1.05	0.94	0.90	0.87	0.86	0.85	0.86	0.87	0.86		# of strides	3.88	2.63	2.58
wind	0.3 m/s	velocity	5.29	9.52	10.64	11.11	11.49	11.63	11.76	11.63	11.49	11.63	10.05	43.5	7.73	11.41	11.63

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

date	25-Aug-24	time	1.87	2.92	3.86	4.75	5.61	6.46	7.30	8.14	9.00	9.87	9.87	4 / 1			
reaction time	0.155	interval		1.05	0.94	0.89	0.86	0.85	0.84	0.84	0.86	0.87		# of strides	3.86	2.60	2.54
wind	1.9 m/s	velocity	5.35	9.52	10.64	11.24	11.63	11.76	11.90	11.90	11.63	11.49	10.13	43.2	7.77	11.54	11.81

FINAL - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	04-Aug-24	time	1.87	2.92	3.85	4.73	5.58	6.41	7.25	8.09	8.94	9.81	9.81	3 / 3			
reaction time	0.108	interval		1.05	0.93	0.88	0.85	0.83	0.84	0.84	0.85	0.87		# of strides	3.85	2.56	2.53
wind	1.0 m/s	velocity	5.35	9.52	10.75	11.36	11.76	12.05	11.90	11.90	11.76	11.49	10.19	43.0	7.79	11.72	11.86

Semi-Final 3 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	04-Aug-24	time	1.84	2.88	3.81	4.71	5.57	6.42	7.27	8.12	8.97	9.84	9.84	7 / 2			
reaction time	0.151	interval		1.04	0.93	0.90	0.86	0.85	0.85	0.85	0.85	0.87		# of strides	3.81	2.61	2.55
wind	0.5 m/s	velocity	5.43	9.62	10.75	11.11	11.63	11.76	11.76	11.76	11.76	11.49	10.16	43.0	7.87	11.49	11.76

Heat 8 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.88	2.93	3.87	4.77	5.65	6.51	7.38	8.24	9.08	9.97	9.97	5 / 1			
reaction time	0.150	interval		1.05	0.94	0.90	0.88	0.86	0.87	0.86	0.84	0.89		# of strides	3.87	2.64	2.57
wind	0.2 m/s	velocity	5.32	9.52	10.64	11.11	11.36	11.63	11.49	11.63	11.90	11.24	10.03	43.5	7.75	11.36	11.67

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN) — *Omega Timing (2024) - diamond league race analysis*

date	20-Apr-24	time	1.90	2.95	3.92	4.84	5.74	6.62	7.50	8.39	9.28	10.17	10.17	5 / 2			
reaction time	0.135	interval		1.05	0.97	0.92	0.90	0.88	0.88	0.89	0.89	0.89		# of strides	3.92	2.70	2.66
wind	-0.6 m/s	velocity	5.26	9.52	10.31	10.87	11.11	11.36	11.36	11.24	11.24	11.24	9.83	44.2	7.65	11.11	11.28

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) — *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.89	2.94	3.88	4.78	5.64	6.50	7.36	8.22	9.08	9.96	9.96	5 / 3			
reaction time	0.159	interval		1.05	0.94	0.90	0.86	0.86	0.86	0.86	0.86	0.88		# of strides	3.88	2.62	2.58
wind	0.4 m/s	velocity	5.29	9.52	10.64	11.11	11.63	11.63	11.63	11.63	11.63	11.36	10.04	44.0	7.73	11.45	11.63

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

date	16-Jul-23	time	1.90	2.93	3.87	4.77	5.64	6.50	7.36	8.23	9.10	9.98	9.98	5 / 2			
reaction time	0.152	interval		1.03	0.94	0.90	0.87	0.86	0.86	0.87	0.87	0.88		# of strides	3.87	2.63	2.60
wind	0.0 m/s	velocity	5.26	9.71	10.64	11.11	11.49	11.63	11.63	11.49	11.49	11.36	10.02	44.0	7.75	11.41	11.54

FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA) — *Omega Timing (2023) - diamond league race analysis*

date	02-Jun-23	time	1.92	2.94	3.88	4.77	5.64	6.50	7.35	8.21	9.06	9.94	9.94	4 / 1			
reaction time	0.157	interval		1.02	0.94	0.89	0.87	0.86	0.85	0.86	0.85	0.88		# of strides	3.88	2.62	2.56
wind	0.0 m/s	velocity	5.21	9.80	10.64	11.24	11.49	11.63	11.76	11.63	11.76	11.36	10.06	44.0	7.73	11.45	11.72

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.88	2.91	3.85	4.74	5.61	6.48	7.33	8.19	9.05	9.94	9.94	5 / 1		
reaction time	0.149	interval		1.03	0.94	0.89	0.87	0.87	0.85	0.86	0.86	0.89		# of strides	3.85	2.63	2.57
wind	0.1 m/s	velocity	5.32	9.71	10.64	11.24	11.49	11.49	11.76	11.63	11.63	11.24	10.06	44.0	7.79	11.41	11.67

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2022) - diamond league race analysis*

date	09-Jun-22	time	2.93	4.76	6.48	8.18	9.92	9.92	5 / 1	
reaction time	0.137	interval		1.83	1.72	1.70	1.74		# of strides	
wind	-0.2 m/s	velocity	6.83	10.93	11.63	11.76	11.49	10.08	44.0	

FINAL - 2022 Prefontaine Classic (Eugene, OR) *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time	2.90	4.75	6.50	8.24	9.98	9.98	4 / 2	
reaction time	0.137	interval		1.85	1.75	1.74	1.74		# of strides	
wind	-0.2 m/s	velocity	6.90	10.81	11.43	11.49	11.49	10.02	43.5	

FINAL - 2021 Weltklasse (Zürich, SUI) *Omega Timing (2021) - diamond league race analysis*

date	09-Sep-21	time	2.9	4.8	6.5	8.2	9.87	9.87	5 / 1	
reaction time	0.134	interval		1.90	1.70	1.70	1.67		# of strides	
wind	-0.4 m/s	velocity	6.90	10.53	11.76	11.76	11.98	10.13	44.0	

FINAL - 2021 Memorial van Damme (Brussels, BEL) *Omega Timing (2021) - diamond league race analysis*

date	03-Sep-21	time	3.0	4.8	6.5	8.3	9.94	9.94	5 / 1	
reaction time	0.149	interval		1.80	1.70	1.80	1.64		# of strides	
wind	0.1 m/s	velocity	6.67	11.11	11.76	11.11	12.20	10.06	44.3	

FINAL - 2021 Prefontaine Classic (Eugene, OR) *Omega Timing (2021) - diamond league race analysis*

date	21-Aug-21	time	3.0	4.8	6.5	8.1	9.78	9.78	5 / 2	
reaction time	0.137	interval		1.80	1.70	1.60	1.68		# of strides	
wind	2.9 m/s	velocity	6.67	11.11	11.76	12.50	11.90	10.22	43.5	

FINAL - 2020 Olympic Games (Tokyo, JPN) *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time	3.79	6.39	8.10	9.84	9.84	5 / 2		
reaction time	0.128	interval		2.60	3.45	1.74	PB	# of strides	3.79	2.60
wind	0.1 m/s	velocity	7.92	11.54	5.80	11.49	10.16	42.7	7.92	11.54

FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) *Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time	3.0	4.9	6.6	8.4	10.13	10.13	5 / 5	
reaction time	0.118	interval		1.90	1.70	1.80	1.73		# of strides	
wind	0.4 m/s	velocity	6.67	10.53	11.76	11.11	11.56	9.87	44.5	

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time	3.0	4.9	6.6	8.4	10.15	10.15	6 / 6	
reaction time	0.153	interval		1.90	1.70	1.80	1.75		# of strides	
wind	0.3 m/s	velocity	6.67	10.53	11.76	11.11	11.43	9.85	44.0	

Kern, Lucien (SUI) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	30-Jun-23	time	2.02	3.12	4.12	5.08	6.03	6.97	7.93	8.90	9.89	10.88	10.88	4 / 6			
reaction time	0.149	interval		1.10	1.00	0.96	0.95	0.94	0.96	0.97	0.99	0.99		# of strides	4.12	2.85	2.92
wind	-0.8 m/s	velocity	4.95	9.09	10.00	10.42	10.53	10.64	10.42	10.31	10.10	10.10	9.19		7.28	10.53	10.27

Kerr, Stanley (USA) (1967)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1986 IAAF World Junior Championships (Athens, GRE) *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	17-Jul-86	time	2.01	3.09	4.03	4.90	5.77	6.64	7.54	8.49	9.31	10.23	10.23	/ 2			
reaction time		interval		1.08	0.94	0.87	0.87	0.87	0.90	0.95	0.82	0.92		# of strides	4.03	2.61	2.67
wind	0.8 m/s	velocity	4.98	9.26	10.64	11.49	11.49	11.49	11.11	10.53	12.20	10.87	9.78		7.44	11.49	11.24

Khalid, Mahamat Zakaria (QAT) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*

date	28-May-21	time	3.1	5.0	6.9	8.8	10.59	10.59	2 / 6	
reaction time	0.142	interval		1.90	1.90	1.90	1.79		# of strides	
wind	0.9 m/s	velocity	6.45	10.53	10.53	10.53	11.17	9.44	48.0	

Khamis, Jabar (QAT) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT) *Omega Timing (2025) - diamond league race analysis*

date	16-May-25	time	1.82	2.89	3.85	4.77	5.67	6.58	7.48	8.39	9.32	10.34	10.34	6 / 3			
reaction time	0.155	interval		1.07	0.96	0.92	0.90	0.91	0.90	0.91	0.93	1.02	PB	# of strides	3.85	2.73	2.74
wind	1.1 m/s	velocity	5.49	9.35	10.42	10.87	11.11	10.99	11.11	10.99	10.75	9.80	9.67		7.79	10.99	10.95

Kharlamov, Vasiliy (RUS) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		3.14		5.13		7.12		9.12		11.22	11.22	7 / 3			
reaction time	0.184	interval				1.99		1.99		2.00		2.10	PB	# of strides			
wind	0.3 m/s	velocity		6.37		10.05		10.05		10.00		9.52	8.91				

Kiki, Didier (BEN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	2.02	3.11	4.10	5.06	5.99	6.92	7.86	8.81	9.78	10.76	10.76	6 / 3			
reaction time 0.142 interval		1.09	0.99	0.96	0.93	0.93	0.94	0.95	0.97	0.98		# of strides	4.10	2.82	2.86
wind -0.3 m/s velocity	4.95	9.17	10.10	10.42	10.75	10.75	10.64	10.53	10.31	10.20	9.29	48.0	7.32	10.64	10.49

Kim Kuk-Young (KOR) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)												*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date 29-Apr-18 time	1.88	2.95	3.90	4.80	5.69	6.56	7.44	8.33	9.24	10.17	10.17	3 / 1			
reaction time interval		1.07	0.95	0.90	0.89	0.87	0.88	0.89	0.91	0.93		# of strides	3.90	2.66	2.68
wind 2.7 m/s velocity	5.32	9.35	10.53	11.11	11.24	11.49	11.36	11.24	10.99	10.75	9.83	49.3	7.69	11.28	11.19
Heat 5 - 2017 IAAF World Championships (London, GBR)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date 05-Aug-17 time	1.85	2.90	3.85	4.75	5.64	6.52	7.42	8.33	9.27	10.24	10.24	3 / 3			
reaction time 0.107 interval		1.05	0.95	0.90	0.89	0.88	0.90	0.91	0.94	0.97		# of strides	3.85	2.67	2.75
wind 0.9 m/s velocity	5.41	9.52	10.53	11.11	11.24	11.36	11.11	10.99	10.64	10.31	9.77	50.1	7.79	11.24	10.91

Kimmons, Trell (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06 time	1.94	2.97	3.92	4.84	5.72	6.65	7.54	8.47	9.39	10.36	10.36	7 / ~~6~~ 5			
reaction time interval		1.03	0.95	0.92	0.88	0.93	0.89	0.93	0.92	0.97		# of strides	3.92	2.73	2.74
wind -1.2 m/s velocity	5.15	9.71	10.53	10.87	11.36	10.75	11.24	10.75	10.87	10.31	9.65	47.5	7.65	10.99	10.95

Kimura, Shintaro (JPN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date 29-Apr-12 time	1.88	2.93	3.87	4.79	5.69	6.60	7.50	8.42	9.34	10.29	10.29	5 / 6			
reaction time interval		1.05	0.94	0.92	0.90	0.91	0.90	0.92	0.92	0.95		# of strides	3.87	2.73	2.74
wind 1.3 m/s velocity	5.32	9.52	10.64	10.87	11.11	10.99	11.11	10.87	10.87	10.53	9.72	48.2	7.75	10.99	10.95
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.97	3.94	4.87		6.74		8.60		10.54	10.54	2 / 8			
reaction time 0.138 interval			0.97	0.93		1.87		1.86		1.94		# of strides	3.94	2.80	
wind -0.4 m/s velocity		6.73	10.31	10.75		10.70		10.75		10.31	9.49		7.61	10.71	
Heat 1 - 2009 IAAF World Championships (Berlin, GER)												*Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter*			
date 15-Aug-09 time	1.93	2.97	3.92	4.85	5.77	6.69	7.61	8.55	9.49	10.47	10.47	2 / 3			
reaction time 0.132 interval		1.04	0.95	0.93	0.92	0.92	0.92	0.94	0.94	0.98		# of strides	3.92	2.77	2.80
wind -0.4 m/s velocity	5.18	9.62	10.53	10.75	10.87	10.87	10.87	10.64	10.64	10.20	9.55		7.65	10.83	10.71
Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 27-Jun-09 time	1.89	2.93	3.87	4.78	5.68	6.58	7.47	8.37	9.28	10.21	10.21	6 / 1			
reaction time interval		1.04	0.94	0.91	0.90	0.90	0.89	0.90	0.91	0.93	PB	# of strides	3.87	2.71	2.70
wind 1.4 m/s velocity	5.29	9.62	10.64	10.99	11.11	11.11	11.24	11.11	10.99	10.75	9.79		7.75	11.07	11.11
FINAL - 2008 Japanese National Championship (Kawasaki, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Jun-08 time	1.92	2.96	3.92	4.85	5.77	6.68	7.61	8.54	9.50	10.48	10.48	/ 3			
reaction time interval		1.04	0.96	0.93	0.92	0.91	0.93	0.93	0.96	0.98		# of strides	3.92	2.76	2.82
wind -0.2 m/s velocity	5.21	9.62	10.42	10.75	10.87	10.99	10.75	10.75	10.42	10.20	9.54		7.65	10.87	10.64
B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.42	10.36	10.36	/ 1			
reaction time interval		1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.94		# of strides	3.93	2.73	2.76
wind 2.4 m/s velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.64	9.65		7.63	10.99	10.87
Heat 2 - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	1.90	2.96	3.92	4.84	5.75	6.68	7.61	8.56	9.52	10.50	10.50	/ 5			
reaction time interval		1.06	0.96	0.92	0.91	0.93	0.93	0.95	0.96	0.98		# of strides	3.92	2.76	2.84
wind 2.0 m/s velocity	5.26	9.43	10.42	10.87	10.99	10.75	10.75	10.53	10.42	10.20	9.52		7.65	10.87	10.56

King, Emmit (USA) (1959)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1983 IAAF World Championships (Helsinki, FIN)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 08-Aug-83 time		2.91		4.74	5.63	6.52	7.41	8.29		10.24	10.24	2 / 3			
reaction time 0.131 interval				1.83	0.89	0.89	0.89	0.88		1.95		# of strides		6.52	
wind -0.3 m/s velocity		6.87		10.93	11.24	11.24	11.24	11.36		10.26	9.77	46.2		4.60	

King, Kyree (USA) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)												*Omega Timing (2024) - diamond league race analysis*			
date 30-Aug-24 time	1.91	2.96	3.90	4.80	5.68	6.55	7.42	8.29	9.18	10.07	10.07	9 / 6			

reaction time	0.166	interval		1.05	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.89		# of strides	3.90	2.65	2.63
wind	0.3 m/s	velocity	5.24	9.52	10.64	11.11	11.36	11.49	11.49	11.49	11.24	11.24	9.93	47.0	7.69	11.32	11.41

FINAL - 2022 Weltklasse (Zürich, SUI) *Omega Timing (2022) - diamond league race analysis*

date	08-Sep-22	time	2.98		4.84		6.61		8.38		10.18	10.18	7 / 7
reaction time	0.151	interval			1.86		1.77		1.77		1.80		# of strides
wind	-0.3 m/s	velocity	6.71		10.75		11.30		11.30		11.11	9.82	47.2

FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL) *Omega Timing (2022) - diamond league race analysis*

date	06-Aug-22	time	3.00		4.88		6.66		8.45		10.29	10.29	9 / 9
reaction time	0.174	interval			1.88		1.78		1.79		1.84		# of strides
wind	-0.7 m/s	velocity	6.67		10.64		11.24		11.17		10.87	9.72	48.0

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2022) - diamond league race analysis*

date	09-Jun-22	time	2.95		4.80		6.56		8.33		10.14	10.14	6 / 2
reaction time	0.147	interval			1.85		1.76		1.77		1.81		# of strides
wind	-0.2 m/s	velocity	6.78		10.81		11.36		11.30		11.05	9.86	47.0

FINAL - 2022 FBK Games (Hengelo, NED) *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time	3.0		4.8		6.6		8.3		10.23	10.23	5 / 2
reaction time	0.153	interval			1.80		1.80		1.70		1.93		# of strides
wind	-0.3 m/s	velocity	6.67		11.11		11.11		11.76		10.36	9.78	48.0

FINAL - 2022 Prefontaine Classic (Eugene, OR) *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time	2.97		4.81		6.58		8.36		10.16	10.16	2 / 7
reaction time	0.167	interval			1.84		1.77		1.78		1.80		# of strides
wind	-0.2 m/s	velocity	6.73		10.87		11.30		11.24		11.11	9.84	48.0

Kiplesund, Ingar (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

E FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time		4.24		7.15		9.06		11.04	11.04	8 / 6			
reaction time		interval				2.91		1.91		1.98		# of strides	4.24	2.91	
wind	2.1 m/s	velocity		7.08		10.31		10.47		10.10	9.06		7.08	10.31	

Kirdyashev, Valeriy (RUS) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL 2 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	3.05	4.06	5.01		6.91		8.81		10.80	10.80	/ 8		
reaction time	0.121	interval		1.01	0.95		1.90		1.90		1.99		# of strides	4.06	2.85
wind	1.3 m/s	velocity	6.56	9.90	10.53		10.53		10.53		10.05	9.26		7.39	10.53

Kirihara, Yuto (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time		4.10		7.00				10.99	10.99	4 / 5			
reaction time		interval				2.90				3.99		# of strides	4.10	2.90	
wind	2.1 m/s	velocity		7.32		10.34				10.03	9.10	52.5	7.32	10.34	

Kirstges, Marcel (GER) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time	3.19	4.17	5.10		6.97		8.86		10.75	10.75	/ 2		
reaction time		interval		0.98	0.93		1.87		1.89		1.89	PB	# of strides	4.17	2.80
wind	0.5 m/s	velocity	6.27	10.20	10.75		10.70		10.58		10.58	9.30		7.19	10.71

Kiryu, Yoshihide (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2024) - diamond league race analysis*

date	20-Apr-24	time	1.93	2.99	3.96	4.88	5.79	6.70	7.60	8.52	9.45	10.38	10.38	2 / 7			
reaction time	0.150	interval		1.06	0.97	0.92	0.91	0.91	0.90	0.92	0.93	0.93		# of strides	3.96	2.74	2.75
wind	-0.6 m/s	velocity	5.18	9.43	10.31	10.87	10.99	10.99	11.11	10.87	10.75	10.75	9.63	48.0	7.58	10.95	10.91

FINAL - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.86	2.92	3.89	4.81	5.70	6.60	7.49	8.40	9.32	10.27	10.27	7 / 1			
reaction time	0.127	interval		1.06	0.97	0.92	0.89	0.90	0.89	0.91	0.92	0.95		# of strides	3.89	2.71	2.72
wind	-0.2 m/s	velocity	5.38	9.43	10.31	10.87	11.24	11.11	11.24	10.99	10.87	10.53	9.74	49.0	7.71	11.07	11.03

FINAL - 2020 Athlete Night Games (Fukui, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.84	2.91	3.86	4.77	5.65	6.52	7.39	8.27	9.16	10.06	10.06	/ 2			
reaction time		interval		1.07	0.95	0.91	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.86	2.66	2.64
wind	1.0 m/s	velocity	5.43	9.35	10.53	10.99	11.36	11.49	11.49	11.36	11.24	11.11	9.94	49.6	7.77	11.28	11.36

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	19-May-19	time	1.86	2.90	3.84	4.74	5.61	6.47	7.33	8.20	9.09	10.01	10.01	4 / 2			
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.86	0.86	0.87	0.89	0.92		# of strides	3.84	2.63	2.62
wind	1.7 m/s	velocity	5.38	9.62	10.64	11.11	11.49	11.63	11.63	11.49	11.24	10.87	9.99	48.0	7.81	11.41	11.45

FINAL - 2018 Japanese Corporate Championships (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	23-Sep-18	time	1.90	2.97	3.93	4.84	5.73	6.61	7.49	8.38	9.29	10.22	10.22	5 / 2			
reaction time	0.130	interval		1.07	0.96	0.91	0.89	0.88	0.88	0.89	0.91	0.93		# of strides	3.93	2.68	2.68
wind	0.0 m/s	velocity	5.26	9.35	10.42	10.99	11.24	11.36	11.36	11.24	10.99	10.75	9.78	47.4	7.63	11.19	11.19

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	23-Jun-18	time	1.90	2.97	3.92	4.82	5.71	6.58	7.46	8.34	9.24	10.16	10.16	4 / 3			
reaction time	0.144	interval		1.07	0.95	0.90	0.89	0.87	0.88	0.88	0.90	0.92		# of strides	3.92	2.66	2.66
wind	0.6 m/s	velocity	5.26	9.35	10.53	11.11	11.24	11.49	11.36	11.36	11.11	10.87	9.84	47.6	7.65	11.28	11.28

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	20-May-18	time	1.88	2.93	3.88	4.78	5.67	6.55	7.44	8.33	9.24	10.17	10.17	4 / 4			
reaction time	0.135	interval		1.05	0.95	0.90	0.89	0.88	0.89	0.89	0.91	0.93		# of strides	3.88	2.67	2.69
wind	-0.7 m/s	velocity	5.32	9.52	10.53	11.11	11.24	11.36	11.24	11.24	10.99	10.75	9.83	48.1	7.73	11.24	11.15

FINAL - 2017 Japanese Inter-Collegiate Championships **(**Fukui, JPN) *Kobayashi (2017) - 100m race patterns of Yoshihide Kiryu in his history attaining 9.98 seconds*

date	09-Sep-17	time	1.85	2.92	3.87	4.77	5.64	6.50	7.36	8.22	9.09	9.98	9.98	/ 1			
reaction time	0.139	interval		1.07	0.95	0.90	0.87	0.86	0.86	0.86	0.87	0.89	NR	# of strides	3.87	2.63	2.59
wind	1.8 m/s	velocity	5.41	9.35	10.53	11.11	11.49	11.63	11.63	11.63	11.49	11.24	10.02		7.75	11.41	11.58

FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	29-Apr-17	time	1.81	2.86	3.81	4.72	5.60	6.47	7.35	8.23	9.13	10.04	10.04	/ 1			
reaction time		interval		1.05	0.95	0.91	0.88	0.87	0.88	0.88	0.90	0.91		# of strides	3.81	2.66	2.66
wind	-0.3 m/s	velocity	5.52	9.52	10.53	10.99	11.36	11.49	11.36	11.36	11.11	10.99	9.96	48.0	7.87	11.28	11.28

B FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS) *(2017) - tfdata-store.com/2017/03/12/post-46/*

date	11-Mar-17	time						6.56				10.04	10.04	/ 1			
reaction time		interval										3.48		# of strides			
wind	1.4 m/s	velocity						9.15				11.49	9.96	47.0			

FINAL - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.88	2.93	3.88	4.78	5.68	6.57	7.47	8.38	9.32	10.31	10.31	6 / 3			
reaction time	0.141	interval		1.05	0.95	0.90	0.90	0.89	0.90	0.91	0.94	0.99		# of strides	3.88	2.69	2.75
wind	-0.3 m/s	velocity	5.32	9.52	10.53	11.11	11.11	11.24	11.11	10.99	10.64	10.10	9.70	48.2	7.73	11.15	10.91

Semi-Final 2 - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.87	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.29	10.29	3 / 2			
reaction time	0.140	interval		1.06	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.96		# of strides	3.88	2.71	2.74
wind	-1.4 m/s	velocity	5.35	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.42	9.72	48.5	7.73	11.07	10.95

FINAL - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.87	2.91	3.84	4.73	5.61	6.49	7.37	8.26	9.16	10.09	10.09	/ 2			
reaction time		interval		1.04	0.93	0.89	0.88	0.88	0.88	0.89	0.90	0.93		# of strides	3.84	2.65	2.67
wind	-0.5 m/s	velocity	5.35	9.62	10.75	11.24	11.36	11.36	11.36	11.24	11.11	10.75	9.91	47.7	7.81	11.32	11.24

Heat 1 - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.85	2.89	3.83	4.74	5.63	6.52	7.42	8.32	9.25	10.21	10.21	/ 1			
reaction time		interval		1.04	0.94	0.91	0.89	0.89	0.90	0.90	0.93	0.96		# of strides	3.83	2.69	2.73
wind	-0.6 m/s	velocity	5.41	9.62	10.64	10.99	11.24	11.24	11.11	11.11	10.75	10.42	9.79	48.0	7.83	11.15	10.99

FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	08-May-16	time	1.90	2.95	3.90	4.80	5.69	6.58	7.47	8.38	9.31	10.27	10.27	4 / 4			
reaction time		interval		1.05	0.95	0.90	0.89	0.89	0.89	0.91	0.93	0.96		# of strides	3.90	2.68	2.73
wind	-0.4 m/s	velocity	5.26	9.52	10.53	11.11	11.24	11.24	11.24	10.99	10.75	10.42	9.74	47.9	7.69	11.19	10.99

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.43	10.40	10.40	3 / =2			
reaction time		interval		1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97		# of strides	3.93	2.73	2.77
wind	-0.2 m/s	velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.62	48.5	7.63	10.99	10.83

Heat 1 - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.91	2.97	3.93	4.85	5.76	6.66	7.56	8.48	9.40	10.36	10.36	5 / 1			
reaction time		interval		1.06	0.96	0.92	0.91	0.90	0.90	0.92	0.92	0.96		# of strides	3.93	2.73	2.74
wind	-0.1 m/s	velocity	5.24	9.43	10.42	10.87	10.99	11.11	11.11	10.87	10.87	10.42	9.65	47.7	7.63	10.99	10.95

FINAL - 2015 Texas Relays (Austin, TX) *tfdata-store.com/2017/03/29/post-73/*

date	28-Mar-15	time			3.88			6.45			8.99	9.87	9.87	4 / 1			
reaction time		interval						2.57			2.54	9.87		# of strides	3.88	2.57	2.54
wind	3.3 m/s	velocity			7.73			11.67			11.81	2.03	10.13	46.9	7.73	11.67	11.81

FINAL - 2014 Japanese National Championships (Fukushima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	08-Jun-14	time	1.96	2.99	3.93	4.83	5.71	6.60	7.49	8.39	9.29	10.22	10.22	6 / 1			
reaction time		interval		1.03	0.94	0.90	0.88	0.89	0.89	0.90	0.90	0.93		# of strides	3.93	2.67	2.69
wind	0.6 m/s	velocity	5.10	9.71	10.64	11.11	11.36	11.24	11.24	11.11	11.11	10.75	9.78	48.7	7.63	11.24	11.15

Semi-Final 1 - 2014 Japanese National Championships (Fukushima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	08-Jun-14	time	1.93	2.97	3.90	4.80	5.68	6.56	7.44	8.34	9.25	10.21	10.21	5 / 1			
reaction time		interval		1.04	0.93	0.90	0.88	0.88	0.88	0.90	0.91	0.96		# of strides	3.90	2.66	2.69
wind	-0.5 m/s	velocity	5.18	9.62	10.75	11.11	11.36	11.36	11.36	11.11	10.99	10.42	9.79	48.9	7.69	11.28	11.15

Heat 4 - 2014 Japanese National Championships (Fukushima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	07-Jun-14	time	1.95	2.98	3.92	4.81	5.69	6.57	7.44	8.32	9.22	10.15	10.15	7 / 1			
reaction time		interval		1.03	0.94	0.89	0.88	0.88	0.87	0.88	0.90	0.93		# of strides	3.92	2.65	2.65
wind	1.4 m/s	velocity	5.13	9.71	10.64	11.24	11.36	11.36	11.49	11.36	11.11	10.75	9.85	48.9	7.65	11.32	11.32

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	11-May-14	time	1.90	2.95	3.92	4.85	5.77	6.69	7.61	8.54	9.49	10.46	10.46	2 / 5			
reaction time		interval		1.05	0.97	0.93	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.92	2.77	2.80
wind	-3.5 m/s	velocity	5.26	9.52	10.31	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.56	47.7	7.65	10.83	10.71

Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	29-Apr-14	time	1.94	2.98	3.91	4.81	5.68	6.56	7.42	8.30	9.19	10.10	10.10	4 / 1			
reaction time		interval		1.04	0.93	0.90	0.87	0.88	0.86	0.88	0.89	0.91	AJR	# of strides	3.91	2.65	2.63
wind	2.0 m/s	velocity	5.15	9.62	10.75	11.11	11.49	11.36	11.63	11.36	11.24	10.99	9.90	49.2	7.67	11.32	11.41

Race B - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.93	2.97	3.91	4.82	5.71	6.59	7.48	8.39	9.31	10.26	10.26	5 / 1			
reaction time		interval		1.04	0.94	0.91	0.89	0.88	0.89	0.91	0.92	0.95		# of strides	3.91	2.68	2.72
wind	0.6 m/s	velocity	5.18	9.62	10.64	10.99	11.24	11.36	11.24	10.99	10.87	10.53	9.75	49.7	7.67	11.19	11.03

Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.97	3.00	3.95	4.86	5.75	6.63	7.53	8.44	9.36	10.33	10.33	4 / 1			
reaction time		interval		1.03	0.95	0.91	0.89	0.88	0.90	0.91	0.92	0.97		# of strides	3.95	2.68	2.73
wind	1.8 m/s	velocity	5.08	9.71	10.53	10.99	11.24	11.36	11.11	10.99	10.87	10.31	9.68	49.5	7.59	11.19	10.99

FINAL - 2013 Japanese National High School Championships (Oita, JPN) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

date	31-Jul-13	time	1.92	2.96	3.91	4.82	5.71	6.59	7.47	8.36	9.27	10.19	10.19	/ 1			
reaction time		interval		1.04	0.95	0.91	0.89	0.88	0.88	0.89	0.91	0.92		# of strides	3.91	2.68	2.68
wind	0.1 m/s	velocity	5.21	9.62	10.53	10.99	11.24	11.36	11.36	11.24	10.99	10.87	9.81		7.67	11.19	11.19

FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-13	time	1.89	2.92	3.84	4.72	5.58	6.44	7.30	8.18	9.09	10.03	10.03	4 / 1			
reaction time		interval		1.03	0.92	0.88	0.86	0.86	0.86	0.88	0.91	0.94		# of strides	3.84	2.60	2.65
wind	2.7 m/s	velocity	5.29	9.71	10.87	11.36	11.63	11.63	11.63	11.36	10.99	10.64	9.97	47.0	7.81	11.54	11.32

Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-13	time	1.89	2.90	3.81	4.69	5.55	6.41	7.27	8.15	9.06	10.01	10.01	3 / 1			
reaction time		interval		1.01	0.91	0.88	0.86	0.86	0.86	0.88	0.91	0.95	PB	# of strides	3.81	2.60	2.65
wind	0.9 m/s	velocity	5.29	9.90	10.99	11.36	11.63	11.63	11.63	11.36	10.99	10.53	9.99	47.3	7.87	11.54	11.32

FINAL - 2012 Japanese National High School Championships (Niigata, JPN) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time					5.86	6.76	7.69	8.64	9.61	10.63	10.63	5 / 4			
reaction time		interval						0.90	0.93	0.95	0.97	1.02		# of strides			2.85
wind	0.0 m/s	velocity					8.53	11.11	10.75	10.53	10.31	9.80	9.41				10.53

Kitamura, Takuya (JPN) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date	29-Apr-14	time	1.97	3.03	4.00	4.93	5.84	6.75	7.66	8.59	9.52	10.48	10.48	4 / 3			
reaction time		interval		1.06	0.97	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	4.00	2.75	2.77
wind	2.3 m/s	velocity	5.08	9.43	10.31	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.54	47.0	7.50	10.91	10.83

Kjell, Gustav (SWE) (1996)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
A FINAL - 2016 Windsprint (Sundsvall, SWE)														*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time			4.14			7.00				10.92	10.92	8 / 4			
reaction time		interval						2.86				3.92		# of strides	4.14	2.86	
wind	1.4 m/s	velocity			7.25			10.49				10.20	9.16		7.25	10.49	

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			4.15			7.04				11.07	11.07	3 / 8			
reaction time		interval						2.89				4.03		# of strides	4.15	2.89	
wind	0.7 m/s	velocity			7.23			10.38				9.93	9.03		7.23	10.38	

D FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time		4.11		6.94		8.81		10.74	10.74	3 / 3			
reaction time		interval				2.83		1.87		1.93		# of strides	4.11	2.83	
wind	3.1 m/s	velocity		7.30		10.60		10.70		10.36	9.31		7.30	10.60	

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.21		7.15		9.11		11.10	11.10	2 / 3			
reaction time		interval				2.94		1.96		1.99		# of strides	4.21	2.94	
wind	3.0 m/s	velocity		7.13		10.20		10.20		10.05	9.01		7.13	10.20	

Kjensli, Kennet (NOR) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date ???	time		3.93			6.60		8.39		10.29	10.29	/ 5			
reaction time	interval					2.67		1.79		1.90		# of strides	3.93	2.67	
wind ???	velocity		7.63			11.24		11.17		10.53	9.72		7.63	11.24	

Kjerpeset, Øyvind (NOR) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)												*Omega Timing (2021) - diamond league race analysis*			
date 01-Jul-21	time	3.1		5.1		7.0		8.9		10.77	10.77	2 / 4			
reaction time 0.150	interval			2.00		1.90		1.90		1.87		# of strides			
wind 0.2 m/s	velocity	6.45		10.00		10.53		10.53		10.70	9.29				

Klíma, Jakub (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.37		5.52		7.58		9.62		11.67	11.67	5 / 6			
reaction time 0.174	interval			2.15		2.06		2.04		2.05		# of strides			
wind -1.7 m/s	velocity	5.93		9.30		9.71		9.80		9.76	8.57				

Kling-Baptiste, Tom (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.01		5.83	6.72		8.56		10.41	10.41	5 / 1			
reaction time	interval				1.82	0.89		1.84		1.85		# of strides	4.01	2.71	
wind 1.8 m/s	velocity		7.48		10.99	11.24		10.87		10.81	9.61		7.48	11.07	

A FINAL - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.02		6.74				10.42	10.42	4 / 1			
reaction time		interval				2.72				3.68		# of strides	4.02	2.72	
wind	1.4 m/s	velocity		7.46		11.03				10.87	9.60		7.46	11.03	

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.02		6.75				10.46	10.46	4 / 1			
reaction time		interval				2.73				3.71		# of strides	4.02	2.73	
wind	0.7 m/s	velocity		7.46		10.99				10.78	9.56		7.46	10.99	

A FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time		4.00		6.78		8.63		10.52	10.52	2 / 5			
reaction time		interval				2.78		1.85		1.89		# of strides	4.00	2.78	
wind	1.0 m/s	velocity		7.50		10.79		10.81		10.58	9.51		7.50	10.79	

A FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time		3.97		6.71		8.55		10.42	10.42	7 / ~~6~~ 5			
reaction time		interval				2.74		1.84		1.87		# of strides	3.97	2.74	
wind	1.5 m/s	velocity		7.56		10.95		10.87		10.70	9.60		7.56	10.95	

A FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		3.99		6.69		8.50		10.35	10.35	2 / 7			
reaction time		interval				2.70		1.81		1.85		# of strides	3.99	2.70	
wind	3.0 m/s	velocity		7.52		11.11		11.05		10.81	9.66	47.5	7.52	11.11	

Heat 8 - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.00		6.75		8.58		10.47	10.47	4 / 5			
reaction time		interval				2.75		1.83		1.89		# of strides	4.00	2.75	
wind	1.8 m/s	velocity		7.50		10.91		10.93		10.58	9.55		7.50	10.91	

Semi-Final 1 - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	02-Mar-13	time	2.98		4.89		6.73				6.73	2 / 7			
reaction time	0.143	interval			1.91		1.84					# of strides			
		velocity	6.71		10.47		10.87				8.92	27.2			

FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.02		6.79		8.60		10.47	10.47	1 / 5			
reaction time		interval				2.77		1.81		1.87		# of strides	4.02	2.77	
wind	2.8 m/s	velocity		7.46		10.83		11.05		10.70	9.55		7.46	10.83	

B FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time		4.19		7.02		8.95		10.94	10.94	/ 2	
reaction time		interval				2.83		1.93		1.99	PB	# of strides	4.19	2.83
wind	1.1 m/s	velocity		7.16		10.60		10.36		10.05	9.14		7.16	10.60

Klvana, Filip (CZE) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time		3.15		5.18		7.14		9.11		11.15	11.15	7 / 7			
reaction time	0.131	interval				2.03		1.96		1.97		2.04		# of strides			
wind	1.4 m/s	velocity		6.35		9.85		10.20		10.15		9.80	8.97				

Knighton, Erriyon (USA) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Prefontaine Classic (Eugene, OR) *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time		2.96		4.78		6.54		8.31		10.14	10.14	1 / 6			
reaction time	0.133	interval				1.82		1.76		1.77		1.83		# of strides			
wind	-0.2 m/s	velocity		6.76		10.99		11.36		11.30		10.93	9.86	43.5			

Kobayashi, Yuichi (JPN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.96	3.04	4.01	4.95	5.87	6.78	7.69	8.59	9.52	10.46	10.46	2 / 5			
reaction time		interval		1.08	0.97	0.94	0.92	0.91	0.91	0.90	0.93	0.94		# of strides	4.01	2.77	2.74
wind	1.8 m/s	velocity	5.10	9.26	10.31	10.64	10.87	10.99	10.99	11.11	10.75	10.64	9.56	48.7	7.48	10.83	10.95

Race C - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.93	3.01	3.99	4.92	5.84	6.76	7.68	8.60	9.53	10.48	10.48	/ 1			
reaction time		interval		1.08	0.98	0.93	0.92	0.92	0.92	0.92	0.93	0.95		# of strides	3.99	2.77	2.77
wind	0.6 m/s	velocity	5.18	9.26	10.20	10.75	10.87	10.87	10.87	10.87	10.75	10.53	9.54		7.52	10.83	10.83

Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.95	3.04	4.03	4.97	5.90	6.81	7.73	8.65	9.58	10.55	10.55	8 / 7			
reaction time		interval		1.09	0.99	0.94	0.93	0.91	0.92	0.92	0.93	0.97		# of strides	4.03	2.78	2.77
wind	1.9 m/s	velocity	5.13	9.17	10.10	10.64	10.75	10.99	10.87	10.87	10.75	10.31	9.48	48.5	7.44	10.79	10.83

FINAL - 2007 Japanese National High School Championships (Saga, JPN) *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time		3.05	4.03	4.97	5.89	6.80	7.72	8.64	9.58	10.56	10.56	4 / 1			
reaction time		interval			0.98	0.94	0.92	0.91	0.92	0.92	0.94	0.98		# of strides	4.03	2.77	2.78
wind	0.7 m/s	velocity		6.56	10.20	10.64	10.87	10.99	10.87	10.87	10.64	10.20	9.47		7.44	10.83	10.79

Kochan, Marc (GER) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 5 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.02	4.01	4.95		6.74		8.60		10.50	10.50	/ 6			
reaction time	0.138	interval			0.99	0.94		1.79		1.86		1.90		# of strides	4.01	2.73	
wind	1.0 m/s	velocity		6.62	10.10	10.64		11.17		10.75		10.53	9.52		7.48	10.99	

Koffi, Wilfried (CIV) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	10-May-15	time	1.98	3.01	3.94	4.83	5.70	6.56	7.43	8.31	9.20	10.09	10.09	3 / 1			
reaction time		interval		1.03	0.93	0.89	0.87	0.86	0.87	0.88	0.89	0.89		# of strides	3.94	2.62	2.64
wind	-0.1 m/s	velocity	5.05	9.71	10.75	11.24	11.49	11.63	11.49	11.36	11.24	11.24	9.91	44.5	7.61	11.45	11.36

Koike, Yuki (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.90	2.98	3.94	4.86	5.76	6.65	7.54	8.44	9.36	10.30	10.30	5 / 3			
reaction time	0.148	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.92	0.94		# of strides	3.94	2.71	2.71
wind	-0.2 m/s	velocity	5.26	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.87	10.64	9.71	51.0	7.61	11.07	11.07

FINAL - 2020 Athlete Night Games (Fukui, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.93	3.01	3.97	4.88	5.76	6.64	7.51	8.39	9.28	10.19	10.19	/ 3			
reaction time		interval		1.08	0.96	0.91	0.88	0.88	0.87	0.88	0.89	0.91		# of strides	3.97	2.67	2.64
wind	1.0 m/s	velocity	5.18	9.26	10.42	10.99	11.36	11.36	11.49	11.36	11.24	10.99	9.81	52.1	7.56	11.24	11.36

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time		3.12	4.05	4.95	5.81	6.71					6.71	5 / 6			
reaction time	0.164	interval			0.93	0.90	0.86	0.90						# of strides	4.05	2.66	
		velocity		6.41	10.75	11.11	11.63	11.11					8.94	33.5	7.41	11.28	

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-19	time	2.14	3.17	4.11	5.02	5.92	6.69					6.69	5 / 4			
reaction time		interval		1.03	0.94	0.91	0.90	0.77					PB	# of strides	4.11	2.58	
		velocity	4.67	9.71	10.64	10.99	11.11	12.99					8.97	33.0	7.30	11.63	

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.7		8.5		10.31	10.31	6 / 6			
reaction time	0.144	interval				1.9		1.8		1.8		1.81		# of strides			
wind	0.7 m/s	velocity		6.67		10.53		11.11		11.11		11.05	9.70				

FINAL - 2019 Müller Anniversary Games (London, GBR) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	20-Jul-19	time	1.88	2.91	3.85	4.74	5.61	6.47	7.34	8.21	9.09	9.98	9.98	2 / 4			
reaction time	0.137	interval		1.03	0.94	0.89	0.87	0.86	0.87	0.87	0.88	0.89	PB	# of strides	3.85	2.62	2.62
wind	0.5 m/s	velocity	5.32	9.71	10.64	11.24	11.49	11.63	11.49	11.49	11.36	11.24	10.02	51.0	7.79	11.45	11.45

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	23-Jun-18	time	1.88	2.94	3.89	4.80	5.68	6.56	7.44	8.33	9.24	10.17	10.17	6 / 4			
reaction time	0.162	interval		1.06	0.95	0.91	0.88	0.88	0.88	0.89	0.91	0.93	PB	# of strides	3.89	2.67	2.68
wind	0.6 m/s	velocity	5.32	9.43	10.53	10.99	11.36	11.36	11.36	11.24	10.99	10.75	9.83	51.0	7.71	11.24	11.19

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	03-Jun-18	time	1.87	2.94	3.91	4.83	5.72	6.61	7.49	8.39	9.30	10.24	10.24	/ 4			
reaction time		interval		1.07	0.97	0.92	0.89	0.89	0.88	0.90	0.91	0.94		# of strides	3.91	2.70	2.69
wind	-0.7 m/s	velocity	5.35	9.35	10.31	10.87	11.24	11.24	11.36	11.11	10.99	10.64	9.77	50.5	7.67	11.11	11.15

A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	29-Apr-18	time	1.91	2.97	3.93	4.85	5.75	6.64	7.53	8.44	9.36	10.29	10.29	4 / 3			
reaction time		interval		1.06	0.96	0.92	0.90	0.89	0.89	0.91	0.92	0.93		# of strides	3.93	2.71	2.72
wind	1.3 m/s	velocity	5.24	9.43	10.42	10.87	11.11	11.24	11.24	10.99	10.87	10.75	9.72	51.3	7.63	11.07	11.03

B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	2.01	3.08	4.04	4.97	5.88	6.78	7.68	8.58	9.49	10.42	10.42	4 / 3			
reaction time		interval		1.07	0.96	0.93	0.91	0.90	0.90	0.90	0.91	0.93		# of strides	4.04	2.74	2.71
wind	1.8 m/s	velocity	4.98	9.35	10.42	10.75	10.99	11.11	11.11	11.11	10.99	10.75	9.60	50.2	7.43	10.95	11.07

Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.95	3.01	3.98	4.90	5.81	6.70	7.59	8.49	9.40	10.34	10.34	8 / 4			
reaction time		interval		1.06	0.97	0.92	0.91	0.89	0.89	0.90	0.91	0.94		# of strides	3.98	2.72	2.70
wind	2.6 m/s	velocity	5.13	9.43	10.31	10.87	10.99	11.24	11.24	11.11	10.99	10.64	9.67	49.9	7.54	11.03	11.11

FINAL - 2013 Japanese National High School Championships (Oita, JPN) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

date	31-Jul-13	time	1.94	3.01	3.97	4.89	5.79	6.69	7.60	8.51	9.44	10.38	10.38	/ 2			
reaction time		interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.93	0.94		# of strides	3.97	2.72	2.75
wind	0.1 m/s	velocity	5.15	9.35	10.42	10.87	11.11	11.11	10.99	10.99	10.75	10.64	9.63		7.56	11.03	10.91

FINAL - 2012 Japanese National High School Championships (Niigata, JPN) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time					5.93	6.85	7.77	8.72	9.67	10.65	10.65	2 / 7			
reaction time		interval						0.92	0.92	0.95	0.95	0.98		# of strides			2.82
wind	0.0 m/s	velocity					8.43	10.87	10.87	10.53	10.53	10.20	9.39				10.64

Kojima, Shigeyuki (JPN) (1979)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	27-Jun-09	time	1.95	3.01	3.97	4.88	5.77	6.66	7.56	8.46	9.37	10.31	10.31	3 / 2			
reaction time		interval		1.06	0.96	0.91	0.89	0.89	0.90	0.90	0.91	0.94		# of strides	3.97	2.69	2.71
wind	1.0 m/s	velocity	5.13	9.43	10.42	10.99	11.24	11.24	11.11	11.11	10.99	10.64	9.70		7.56	11.15	11.07

FINAL - 2008 Japanese National Championship (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Jun-08	time	1.94	3.01	3.98	4.91	5.83	6.74	7.66	8.60	9.55	10.52	10.52	/ 4			
reaction time		interval		1.07	0.97	0.93	0.92	0.91	0.92	0.94	0.95	0.97		# of strides	3.98	2.76	2.81
wind	-0.2 m/s	velocity	5.15	9.35	10.31	10.75	10.87	10.99	10.87	10.64	10.53	10.31	9.51		7.54	10.87	10.68

FINAL - 2007 Japanese National Championships (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.89	2.98	3.96	4.89	5.81	6.73	7.65	8.58	9.53	10.50	10.50	/ 3			
reaction time		interval		1.09	0.98	0.93	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.96	2.77	2.80
wind	-0.3 m/s	velocity	5.29	9.17	10.20	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.52		7.58	10.83	10.71

Kojima, Takuma (JPN) (2004)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

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

date	04-Aug-22	time	1.90	2.99	3.97	4.92	5.85	6.78	7.71	8.65	9.60	10.57	10.57	7 / 4			
reaction time	0.150	interval		1.09	0.98	0.95	0.93	0.93	0.93	0.94	0.95	0.97		# of strides	3.97	2.81	2.82
wind	-0.6 m/s	velocity	5.26	9.17	10.20	10.53	10.75	10.75	10.75	10.64	10.53	10.31	9.46	50.2	7.56	10.68	10.64

Kokot, Manfred (GDR) (1948)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

FINAL - 1977 East German National Championships (Dresden, GDR) *Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	01-Jul-77	time			3.95			6.65		8.46		10.32	10.32	/ 3			
reaction time		interval						2.70		1.81		1.86		# of strides	3.95	2.70	
wind	1.6 m/s	velocity			7.59			11.11		11.05		10.75	9.69		7.59	11.11	

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

Kolár, David (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.01	3.12	4.15	5.13	6.10	7.06	8.04	9.03	10.04	11.08	11.08	4 / 2			
reaction time 0.167 interval		1.11	1.03	0.98	0.97	0.96	0.98	0.99	1.01	1.04		# of strides	4.15	2.91	2.98
wind -2.1 m/s velocity	4.98	9.01	9.71	10.20	10.31	10.42	10.20	10.10	9.90	9.62	9.03		7.23	10.31	10.07

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.12		5.16		7.13		9.11		11.20	11.20	6 / 1			
reaction time 0.171 interval				2.04		1.97		1.98		2.09		# of strides			
wind -4.2 m/s velocity		6.41		9.80		10.15		10.10		9.57	8.93				

Kolarčik, Vojtech (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	1.98	3.08	4.13	5.11	6.08	7.06	8.05	9.08	10.09	11.18	11.18	3 / 4			
reaction time 0.152 interval		1.10	1.05	0.98	0.97	0.98	0.99	1.03	1.01	1.09		# of strides	4.13	2.93	3.03
wind -3.4 m/s velocity	5.05	9.09	9.52	10.20	10.31	10.20	10.10	9.71	9.90	9.17	8.94		7.26	10.24	9.90

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.15		5.15		7.12		9.11		11.13	11.13	3 / 2			
reaction time 0.153 interval				2.00		1.97		1.99		2.02		# of strides			
wind -1.7 m/s velocity		6.35		10.00		10.15		10.05		9.90	8.98				

Komuro, Ayukuto (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date 03-Aug-23 time	1.99	3.12	4.14	5.11	6.07	7.03	7.99	8.97	9.96	10.98	10.98	9 / 6			
reaction time 0.193 interval		1.13	1.02	0.97	0.96	0.96	0.96	0.98	0.99	1.02		# of strides	4.14	2.89	2.93
wind -2.7 m/s velocity	5.03	8.85	9.80	10.31	10.42	10.42	10.42	10.20	10.10	9.80	9.11		7.25	10.38	10.24

Končicky, Tomáš (CZE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.34		5.46		7.53		9.63		12.13	12.13	7 / 7			
reaction time 0.183 interval				2.12		2.07		2.10		2.50		# of strides			
wind -2.5 m/s velocity		5.99		9.43		9.66		9.52		8.00	8.24				

Kondo, Hikaru (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)												*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
date 31-Jul-14 time	1.93	2.99	3.98	4.93	5.87	6.81	7.76	8.73	9.71	10.71	10.71	/ 3			
reaction time interval		1.06	0.99	0.95	0.94	0.94	0.95	0.97	0.98	1.00		# of strides	3.98	2.83	2.90
wind -2.0 m/s velocity	5.18	9.43	10.10	10.53	10.64	10.64	10.53	10.31	10.20	10.00	9.34		7.54	10.60	10.34

Konieczny, Christian (GER) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 1993 German National Championships (Duisburg, GER)												*Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*			
date 9-Jul-93 time			3.95			6.67		8.47		10.35	10.37	/ 1			
reaction time interval						2.72		1.80		1.88	**PB**	# of strides	3.95	2.72	
wind 0.0 m/s velocity			7.59			11.03		11.11		10.64	9.64		7.59	11.03	

Kononyuk, Sergey (RUS) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.02	4.00	4.93		6.77		8.62		10.56	10.56	/ 4			
reaction time 0.162 interval			0.98	0.93		1.84		1.85		1.94		# of strides	4.00	2.77	
wind 1.3 m/s velocity		6.62	10.20	10.75		10.87		10.81		10.31	9.47		7.50	10.83	

Korínek, Petr (CZE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.32		5.51		7.65		9.80		12.02	12.02	5 / 6			
reaction time 0.176 interval				2.19		2.14		2.15		2.22		# of strides			
wind -3.6 m/s velocity		6.02		9.13		9.35		9.30		9.01	8.32				

Kornelyuk, Aleksandr (URS) (1950)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1972 Olympic Games (Munich, FRG)												*Breizer (1984) - sprint competition analysis*			
date 01-Sep-72 time			3.88			6.61		8.43		10.35	10.36	6 / 4			
reaction time interval						2.73		1.82		1.92		# of strides	3.88	2.73	
wind 0.3 m/s velocity			7.73			10.99		10.99		10.42	9.65	50.0	7.73	10.99	

Kosenkow, Alexander (GER) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.02	4.00	4.93		6.77		8.65		10.53	10.53	/ 6			
reaction time 0.159 interval			0.98	0.93		1.84		1.88		1.88		# of strides	4.00	2.77	
wind 0.2 m/s velocity		6.62	10.20	10.75		10.87		10.64		10.64	9.50		7.50	10.83	

Heat 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	2.98	3.95	4.88	6.71	8.55	10.44	10.44	/ 3			
reaction time	0.146	interval		0.97	0.93	1.83	1.84	1.89		# of strides	3.95	2.76	
wind	0.4 m/s	velocity	6.71	10.31	10.75	10.93	10.87	10.58	9.58		7.59	10.87	

FINAL - 2001 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	31-Aug-01	time	3.02	4.00	4.93	6.75	8.60	10.52	10.52	/ 7			
reaction time	0.166	interval		0.98	0.93	1.82	1.85	1.92		# of strides	4.00	2.75	
wind	0.6 m/s	velocity	6.62	10.20	10.75	10.99	10.81	10.42	9.51		7.50	10.91	

B FINAL 1 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	2.99	3.97	4.91	6.75	8.61	10.57	10.57	/ 4			
reaction time	0.139	interval		0.98	0.94	1.84	1.86	1.96		# of strides	3.97	2.78	
wind	0.6 m/s	velocity	6.69	10.20	10.64	10.87	10.75	10.20	9.46		7.56	10.79	

Kotani, Yusuke (JPN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 4 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	27-Jun-15	time	1.89	2.94	3.89	4.80	5.71	6.61	7.51	8.43	9.36	10.31	10.31	2 / 1			
reaction time	0.126	interval		1.05	0.95	0.91	0.91	0.90	0.90	0.92	0.93	0.95		# of strides	3.89	2.72	2.75
wind	0.2 m/s	velocity	5.29	9.52	10.53	10.99	10.99	11.11	11.11	10.87	10.75	10.53	9.70	50.0	7.71	11.03	10.91

Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-12	time	1.90	2.95	3.90	4.81	5.70	6.59	7.48	8.38	9.28	10.21	10.21	3 / 2			
reaction time		interval		1.05	0.95	0.91	0.89	0.89	0.89	0.90	0.90	0.93	PB	# of strides	3.90	2.69	2.69
wind	1.3 m/s	velocity	5.26	9.52	10.53	10.99	11.24	11.24	11.24	11.11	11.11	10.75	9.79	48.7	7.69	11.15	11.15

Kovács, Attila (HUN) (1960)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1991 European Cup (Frankfurt, GER) *Federle (2003) - http://www.fgs.uni-halle.de*

date	29-Jun-91	time		4.00		6.78		8.62		10.51	10.51	/ 5			
reaction time		interval				2.78		1.84		1.89		# of strides	4.00	2.78	
wind	0.5 m/s	velocity		7.50		10.79		10.87		10.58	9.51		7.50	10.79	

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

date	24-Sep-88	time	1.97	3.02	3.97	4.89	5.81	6.70	7.59	8.49	9.39	10.31	10.31	2 / ~~5~~ 4			
reaction time		interval		1.05	0.95	0.92	0.92	0.89	0.89	0.90	0.90	0.92		# of strides	3.97	2.73	2.69
wind	-1.2 m/s	velocity	5.08	9.52	10.53	10.87	10.87	11.24	11.24	11.11	11.11	10.87	9.70		7.56	10.99	11.15

FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.97	3.01	3.98	4.89	5.77	6.67	7.55	8.44	9.33	10.20	10.20	4 / ~~5~~ 4			
reaction time	0.201	interval		1.04	0.97	0.91	0.88	0.90	0.88	0.89	0.89	0.87		# of strides	3.98	2.69	2.66
wind	1.0 m/s	velocity	5.08	9.62	10.31	10.99	11.36	11.11	11.36	11.24	11.24	11.49	9.80	47.0	7.54	11.15	11.28

Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time		3.95		6.62		10.22	10.22	1 / 3			
reaction time		interval				2.67		3.60		# of strides	3.95	2.67	
wind	-1.3 m/s	velocity		7.59		11.24		11.11	9.78	47.5	7.59	11.24	

Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time		4.02		6.78		10.52	10.52	3 / 3			
reaction time		interval				2.76		3.74		# of strides	4.02	2.76	
wind	-2.9 m/s	velocity		7.46		10.87		10.70	9.51	47.7	7.46	10.87	

Heat 6 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time		3.97		6.65		10.26	10.26	5 / 2			
reaction time		interval				2.68		3.61		# of strides	3.97	2.68	
wind	1.5 m/s	velocity		7.56		11.19		11.08	9.75	46.0	7.56	11.19	

Krabbe, Martin (DEN) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.01		6.84		8.76		10.79	10.79	8 / 4			
reaction time		interval				2.83		1.92		2.03		# of strides	4.01	2.83	
wind	2.8 m/s	velocity		7.48		10.60		10.42		9.85	9.27		7.48	10.60	

Krantz, Frédéric (FRA) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	3.00	3.96	4.88	6.66	8.44	10.27	10.27	/ 3					
reaction time		interval		0.96	0.92	1.78	1.78	1.83		# of strides	3.96	2.70			
wind	1.4 m/s	velocity	6.67	10.42	10.87	11.24	11.24	10.93	9.74		7.58	11.11			

Kranz, Kevin (GER) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.82	2.88	3.84	4.75	5.65	6.57			6.57	8 / 5			
reaction time	0.125	interval		1.06	0.96	0.91	0.90	0.92				# of strides	3.84	2.73	

		velocity	5.49	9.43	10.42	10.99	11.11	10.87				9.13	29.5	7.81	10.99

Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.85	2.91	3.86	4.78	5.68	6.58				6.58	6 / 3		
reaction time	0.143	interval		1.06	0.95	0.92	0.90	0.90					# of strides	3.86	2.72
		velocity	5.41	9.43	10.53	10.87	11.11	11.11				9.12		7.77	11.03

Krauchanka, Andrei (BLR) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time		3.20		5.22		7.19		9.15		11.18	11.18	4 / =5			
reaction time 0.169	interval				2.02		1.97		1.96		2.03		# of strides			
wind -0.3 m/s	velocity		6.25		9.90		10.15		10.20		9.85	8.94				

Kristoffersson, Fredrik (SWE) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.39		7.43		9.46		11.61	11.61	/ 2			
reaction time	interval					3.04		2.03		2.15		# of strides	4.39	3.04	
wind 0.2 m/s	velocity			6.83		9.87		9.85		9.30	8.61		6.83	9.87	

Krsek, Ivo (CZE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.98	3.11	4.15	5.10	6.05	7.04				7.04	2 / 6			
reaction time 0.160	interval		1.13	1.04	0.95	0.95	0.99					# of strides	4.15	2.89	
	velocity	5.05	8.85	9.62	10.53	10.53	10.10				8.52		7.23	10.38	

Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.95	3.09	4.09	5.05	6.04	7.03				7.03	3 / 4		
reaction time	0.134	interval		1.14	1.00	0.96	0.99	0.99					# of strides	4.09	2.94
		velocity	5.13	8.77	10.00	10.42	10.10	10.10				8.53		7.33	10.20

Krumm, Elmo (EST) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)												*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date 21-Jul-06	time			4.06		7.12		9.11		11.15	11.15	/ 6			
reaction time	interval					3.06		1.99		2.04		# of strides	4.06	3.06	
wind 0.6 m/s	velocity			7.39		9.80		10.05		9.80	8.97		7.39	9.80	

Krzywański, Marcin (POL) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01	time		3.06	4.02	4.94		6.73		8.58		10.42	10.42	/ 6		
reaction time	interval			0.96	0.92		1.79		1.85		1.84		# of strides	4.02	2.71
wind 1.4 m/s	velocity		6.54	10.42	10.87		11.17		10.81		10.87	9.60		7.46	11.07

Kübeck, Detlef (GDR) (1956)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)												*Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*			
date 25-Jun-77	time			4.01		6.74		8.53		10.37	10.37	/ 2			
reaction time	interval					2.73		1.79		1.84		# of strides	4.01	2.73	
wind ???	velocity			7.48		10.99		11.17		10.87	9.64		7.48	10.99	

Kuboi, So (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
date 29-Jul-21	time	1.90	2.99	3.97	4.90	5.82	6.74	7.66	8.60	9.55	10.53	10.53	5 / 6		
reaction time 0.119	interval		1.09	0.98	0.93	0.92	0.92	0.92	0.94	0.95	0.98		# of strides	3.97	2.77	2.81
wind 1.8 m/s	velocity	5.26	9.17	10.20	10.75	10.87	10.87	10.87	10.64	10.53	10.20	9.50		7.56	10.83	10.68

Kuć, Dariusz (POL) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.05	4.01	4.93		6.74		8.53		10.38	10.38	1 / 8		
reaction time 0.184	interval			0.96	0.92		1.81		1.79		1.85		# of strides	4.01	2.73	
wind 0.1 m/s	velocity		6.56	10.42	10.87		11.05		11.17		10.81	9.63		7.48	10.99	

Heat 6 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.00	3.97	4.89		6.72		8.56		10.46	10.46	4 / 3	
reaction time	0.138	interval			0.97	0.92		1.83		1.84		1.90		# of strides	3.97	2.75	
wind	-0.8 m/s	velocity		6.67	10.31	10.87		10.93		10.87		10.53	9.56		7.56	10.91	

B FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time		3.03	3.99	4.90		6.72		8.57		10.43	10.43	/ 4	
reaction time	0.220	interval			0.96	0.91		1.82		1.85		1.86		# of strides	3.99	2.73	
wind	0.2 m/s	velocity		6.60	10.42	10.99		10.99		10.81		10.75	9.59		7.52	10.99	

Kuki, Takumi (JPN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Fuse Sprint (Fuse, JPN)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			

date	04-Jun-17	time	1.86	2.93	3.88	4.79	5.68	6.57	7.46	8.36	9.28	10.20	10.20	/ 4			
reaction time		interval		1.07	0.95	0.91	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.88	2.69	2.71
wind	1.9 m/s	velocity	5.38	9.35	10.53	10.99	11.24	11.24	11.24	11.11	10.87	10.87	9.80	50.1	7.73	11.15	11.07

Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.91	2.96	3.90	4.81	5.70	6.59	7.48	8.38	9.30	10.24	10.24	5 / 3			
reaction time		interval		1.05	0.94	0.91	0.89	0.89	0.89	0.90	0.92	0.94		# of strides	3.90	2.69	2.71
wind	2.6 m/s	velocity	5.24	9.52	10.64	10.99	11.24	11.24	11.24	11.11	10.87	10.64	9.77	49.4	7.69	11.15	11.07

Heat 3 - 2012 Japanese National Championships (Osaka, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	08-Jun-12	time	1.92	2.97	3.90	4.81	5.70	6.58	7.47	8.38	9.29	10.23	10.23	3 / 2			
reaction time		interval		1.05	0.93	0.91	0.89	0.88	0.89	0.91	0.91	0.94	PB	# of strides	3.90	2.68	2.71
wind	1.3 m/s	velocity	5.21	9.52	10.75	10.99	11.24	11.36	11.24	10.99	10.99	10.64	9.78	47.2	7.69	11.19	11.07

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) *Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-10	time	1.93	3.00		4.92	5.85	6.79	7.73	8.69	9.66	10.66	10.66	3 / 1			
reaction time		interval		1.07		1.92	0.93	0.94	0.94	0.96	0.97	1.00		# of strides			2.87
wind	-2.1 m/s	velocity	5.18	9.35		10.42	10.75	10.64	10.64	10.42	10.31	10.00	9.38				10.45

FINAL - 2009 Japanese National High School Championships (Nara, JPN) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time	1.92	2.98	3.95	4.88	5.80	6.71	7.62	8.55	9.48	10.44	10.44	6 / 1			
reaction time		interval		1.06	0.97	0.93	0.92	0.91	0.91	0.93	0.93	0.96		# of strides	3.95	2.76	2.77
wind	1.1 m/s	velocity	5.21	9.43	10.31	10.75	10.87	10.99	10.99	10.75	10.75	10.42	9.58		7.59	10.87	10.83

Semi-Final ?? - 2009 Japanese National High School Championships (Nara, JPN) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time	1.93	3.00	3.97	4.91	5.83	6.75	7.67	8.60	9.54	10.50	10.50	6 / 1			
reaction time		interval		1.07	0.97	0.94	0.92	0.92	0.92	0.93	0.94	0.96		# of strides	3.97	2.78	2.79
wind	0.3 m/s	velocity	5.18	9.35	10.31	10.64	10.87	10.87	10.87	10.75	10.64	10.42	9.52		7.56	10.79	10.75

Heat ?? - 2009 Japanese National High School Championships (Nara, JPN) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time	1.95	3.02	4.01	4.96	5.90	6.83	7.77	8.72	9.69	10.69	10.69	6 / 1			
reaction time		interval		1.07	0.99	0.95	0.94	0.93	0.94	0.95	0.97	1.00		# of strides	4.01	2.82	2.86
wind	0.5 m/s	velocity	5.13	9.35	10.10	10.53	10.64	10.75	10.64	10.53	10.31	10.00	9.35		7.48	10.64	10.49

Kuklík, Jan (CZE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.35		5.48		7.53		9.58		11.69	11.69	7 / 7			
reaction time	0.155	interval				2.13		2.05		2.05		2.11		# of strides			
wind	-1.7 m/s	velocity		5.97		9.39		9.76		9.76		9.48	8.55				

Kuhn, Patrick (GER) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.09	4.14	5.14		7.00		8.88		10.81	10.81	/ 6			
reaction time		interval			1.05	1.00		1.86		1.88		1.93		# of strides	4.14	2.86	
wind	0.5 m/s	velocity		6.47	9.52	10.00		10.75		10.64		10.36	9.25		7.25	10.49	

Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.13	4.13	5.08		6.95		8.83		10.76	10.76	/ 3			
reaction time		interval			1.00	0.95		1.87		1.88		1.93		# of strides	4.13	2.82	
wind	1.0 m/s	velocity		6.39	10.00	10.53		10.70		10.64		10.36	9.29		7.26	10.64	

Kuptik, Ondrej (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time		3.17		5.14		7.05		9.00		11.01	11.01	8 / 6			
reaction time	0.201	interval				1.97		1.91		1.95		2.01		# of strides			
wind	1.4 m/s	velocity		6.31		10.15		10.47		10.26		9.95	9.08				

Kuroki, Kaisho (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN) *Takashima (2023) - national high school sports festival - biomechanics data*

date	03-Aug-23	time	1.95	3.06	4.06	5.02	5.96	6.90	7.84	8.79	9.75	10.73	10.73	4 / 1			
reaction time	0.217	interval		1.11	1.00	0.96	0.94	0.94	0.94	0.95	0.96	0.98		# of strides	4.06	2.84	2.85
wind	-2.7 m/s	velocity	5.13	9.01	10.00	10.42	10.64	10.64	10.64	10.53	10.42	10.20	9.32		7.39	10.56	10.53

Kuroki, Kaito (JPN) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	04-Aug-22	time	1.89	2.99	3.99	4.94	5.88	6.81	7.75	8.71	9.68	10.67	10.67	3 / 5			
reaction time	0.149	interval		1.10	1.00	0.95	0.94	0.93	0.94	0.96	0.97	0.99		# of strides	3.99	2.82	2.87
wind	-0.6 m/s	velocity	5.29	9.09	10.00	10.53	10.64	10.75	10.64	10.42	10.31	10.10	9.37	48.5	7.52	10.64	10.45

Kuroki, Motoki (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Japanese High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-17	time			4.01			6.90			9.87	10.90	10.90	3 / 8			

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

reaction time	0.152	interval					2.89			2.97	1.03		# of strides	4.01	2.89	2.97
wind	-2.0 m/s	velocity		7.48			10.38			10.10	9.71	9.17		7.48	10.38	10.10

FINAL - 2016 Japanese High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-16	time	2.92	3.99	4.98	5.91	6.87	7.84	8.83		10.88	10.88	/ 6		
reaction time	0.128	interval		1.07	0.99	0.93	0.96	0.97	0.99		2.05		# of strides	3.99	2.88	
wind	3.0 m/s	velocity	6.85	9.35	10.10	10.75	10.42	10.31	10.10		9.76	9.19		7.52	10.42	

Kurrat, Klaus-Dieter (GDR) (1955)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 Olympic Games (Montreal, CAN)												*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date 24-Jul-76	time		3.76			6.56		8.43		10.31	10.31	7 / 7			
reaction time	interval					2.80		1.87		1.88		# of strides	3.76	2.80	
wind 0.0 m/s	velocity		7.98			10.71		10.70		10.64	9.70	48.5	7.98	10.71	

FINAL - 1976 East German National Indoor Championships (East Berlin, GDR) *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen*

date	25-Jan-76	time		3.94			6.70		8.54		10.41	10.41	/ 2			
reaction time		interval					2.76		1.84		1.87		# of strides	3.94	2.76	
		velocity		7.61			10.87		10.87		10.70	9.61		7.61	10.87	

Kusano, Seiya (JPN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 20-Sep-20	time 1.87	2.93	3.90	4.81	5.71	6.61	7.51	8.42	9.35	10.30	10.30	3 / 1			
reaction time 0.123	interval	1.06	0.97	0.91	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.90	2.71	2.74
wind 1.2 m/s	velocity 5.35	9.43	10.31	10.99	11.11	11.11	11.11	10.99	10.75	10.53	9.71	50.4	7.69	11.07	10.95

Kuta, Radim (CZE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.23		5.28		7.25		9.31		11.41	11.41	8 / 8			
reaction time 0.180	interval			2.05		1.97		2.06		2.10		# of strides			
wind -3.2 m/s	velocity	6.19		9.76		10.15		9.71		9.52	8.76				

Kuwano, Takumi (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)												*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
date 03-Aug-18	time 1.89	2.96	3.93	4.87	5.78	6.69	7.61	8.55	9.50	10.47	10.47	6 / 2			
reaction time	interval	1.07	0.97	0.94	0.91	0.91	0.92	0.94	0.95	0.97	PB	# of strides	3.93	2.76	2.81
wind -0.3 m/s	velocity 5.29	9.35	10.31	10.64	10.99	10.99	10.87	10.64	10.53	10.31	9.55	50.5	7.63	10.87	10.68

Lagui, Allan (FRA) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25	time 1.89	2.95	3.92	4.86	5.77	6.72					6.72	5 / 7			
reaction time 0.146	interval	1.06	0.97	0.94	0.91	0.95						# of strides	3.92	2.80	
	velocity 5.29	9.43	10.31	10.64	10.99	10.53					8.93		7.65	10.71	

Lamač, Martin (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.18		5.32		7.45		9.56		11.77	11.77	2 / 4			
reaction time 0.160	interval			2.14		2.13		2.11		2.21		# of strides			
wind -3.9 m/s	velocity	6.29		9.35		9.39		9.48		9.05	8.50				

Lang, Jesper (SWE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.21			7.10		9.03		11.04	11.04	5 / 8			
reaction time	interval					2.89		1.93		2.01		# of strides	4.21	2.89	
wind 1.6 m/s	velocity		7.13			10.38		10.36		9.95	9.06		7.13	10.38	

Langjord, Marcus (NOR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.25		6.24	7.22		9.20		11.29	11.29	3 / 5			
reaction time	interval				1.99	0.98		1.98		2.09		# of strides	4.25	2.97	
wind 1.5 m/s	velocity		7.06		10.05	10.20		10.10		9.57	8.86		7.06	10.10	

Larsen, Tormod Hjortnäs (NOR) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time					7.13		9.11		11.12	11.12	4 / 4			
reaction time	interval							1.98		2.01		# of strides			
wind 0.9 m/s	velocity					8.42		10.10		9.95	8.99				

Larsson, Åke (SWE) (1957)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time		4.59			7.84		10.06		12.29	12.29	/ 6			
reaction time	interval					3.25		2.22		2.23		# of strides	4.59	3.25	
wind 0.2 m/s	velocity		6.54			9.23		9.01		8.97	8.14		6.54	9.23	

Larsson, Henrik (SWE) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25 time	1.88	2.93	3.87	4.77	5.65	6.52					6.52	7 / 2			
reaction time 0.138 interval		1.05	0.94	0.90	0.88	0.87					NR	# of strides	3.87	2.65	
velocity	5.32	9.52	10.64	11.11	11.36	11.49					9.20	30.2	7.75	11.32	
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25 time	1.89	2.95	3.90	4.81	5.69	6.58					6.58	5 / 2			
reaction time 0.145 interval		1.06	0.95	0.91	0.88	0.89						# of strides	3.90	2.68	
velocity	5.29	9.43	10.53	10.99	11.36	11.24					9.12		7.69	11.19	
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.93	3.00	3.97	4.89	5.78	6.67	7.55	8.43	9.32	10.24	10.24	9 / 7			
reaction time 0.141 interval		1.07	0.97	0.92	0.89	0.89	0.88	0.88	0.89	0.92		# of strides	3.97	2.70	2.65
wind -0.3 m/s velocity	5.18	9.35	10.31	10.87	11.24	11.24	11.36	11.36	11.24	10.87	9.77	46.5	7.56	11.11	11.32
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	1.95	3.03	4.01	4.95	5.86	6.76	7.66	8.57	9.50	10.47	10.47	3 / 7			
reaction time 0.141 interval		1.08	0.98	0.94	0.91	0.90	0.90	0.91	0.93	0.97		# of strides	4.01	2.75	2.74
wind -1.0 m/s velocity	5.13	9.26	10.20	10.64	10.99	11.11	11.11	10.99	10.75	10.31	9.55	46.0	7.48	10.91	10.95
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	1.91	2.99	3.97	4.90	5.81	6.72	7.63	8.55	9.48	10.46	10.46	3 / 7			
reaction time 0.129 interval		1.08	0.98	0.93	0.91	0.91	0.91	0.92	0.93	0.98		# of strides	3.97	2.75	2.76
wind 1.0 m/s velocity	5.24	9.26	10.20	10.75	10.99	10.99	10.99	10.87	10.75	10.20	9.56	45.5	7.56	10.91	10.87
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22 time		3.05		4.94		6.75		8.56		10.40	10.40	3 / 8			
reaction time 0.143 interval				1.89		1.81		1.81		1.84		# of strides			
wind -0.5 m/s velocity		6.56		10.58		11.05		11.05		10.87	9.62	46.7			
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21 time		3.0		4.9		6.7		8.6		10.39	10.39	7 / 8			
reaction time 0.124 interval				1.90		1.80		1.90		1.79		# of strides			
wind -0.8 m/s velocity		6.67		10.53		11.11		10.53		11.17	9.62	47.0			

Larsson, Niklas (SWE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10 time			4.29			7.17		9.06		11.01	11.01	/ 4			
reaction time interval						2.88		1.89		1.95		# of strides	4.29	2.88	
wind 2.6 m/s velocity			6.99			10.42		10.58		10.26	9.08		6.99	10.42	

Lawson, Chris (USA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time			3.97			6.74		8.56		10.45	10.45	/ 5			
reaction time interval						2.77		1.82		1.89		# of strides	3.97	2.77	
wind 1.0 m/s velocity			7.56			10.83		10.99		10.58	9.57		7.56	10.83	

Laynes, Jeff (USA) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.96	3.05	3.94	4.88	5.77	6.69	7.54	8.45	9.43	10.37	10.37	4 / 7			
reaction time interval		1.09	0.89	0.94	0.89	0.92	0.85	0.91	0.98	0.94		# of strides	3.94	2.75	2.74
wind 1.7 m/s velocity	5.10	9.17	11.24	10.64	11.24	10.87	11.76	10.99	10.20	10.64	9.64		7.61	10.91	10.95
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06 time	1.95	2.99	3.95	4.87	5.76	6.67	7.59	8.51	9.47	10.44	10.44	5 / ~~7~~ 6			
reaction time interval		1.04	0.96	0.92	0.89	0.91	0.92	0.92	0.96	0.97		# of strides	3.95	2.72	2.80
wind -1.2 m/s velocity	5.13	9.62	10.42	10.87	11.24	10.99	10.87	10.87	10.42	10.31	9.58	45.7	7.59	11.03	10.71

Leal, Dennis (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.13		5.95	6.84		8.68		10.54	10.54	6 / 2			
reaction time interval					1.82	0.89		1.84		1.86		# of strides	4.13	2.71	
wind 1.8 m/s velocity			7.26		10.99	11.24		10.87		10.75	9.49		7.26	11.07	

Leandersson, Thomas (SWE) (1966)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94 time			4.01			6.79		8.65		10.55	10.55	/ 1			
reaction time interval						2.78		1.86		1.90		# of strides	4.01	2.78	
wind 1.8 m/s velocity			7.48			10.79		10.75		10.53	9.48		7.48	10.79	

Leathart, Tim (AUS) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)								*Matsuo (2014) - research on athlete performance and technique- 2014 data book*							
date 11-May-14 time	1.99	3.08	4.07	5.01	5.94	6.86	7.79	8.72	9.66	10.63	10.63	6 / 8			
reaction time interval		1.09	0.99	0.94	0.93	0.92	0.93	0.93	0.94	0.97		# of strides	4.07	2.79	2.80
wind -3.5 m/s velocity	5.03	9.17	10.10	10.64	10.75	10.87	10.75	10.75	10.64	10.31	9.41	48.5	7.37	10.75	10.71

Lecjaks, Martin (CZE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)								*Feher (2013) - Final report from the men's & women's Czech Republic national championships*							
date 15-Jun-13 time		3.20		5.25		7.22		9.23		11.34	11.34	8 / 7			
reaction time 0.162 interval				2.05		1.97		2.01		2.11		# of strides			
wind -1.2 m/s velocity		6.25		9.76		10.15		9.95		9.48	8.82				
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)											*Feher (2012) - Czech Republic indoor national championships - men's 60m*				
date 25-Feb-12 time	2.03	3.20	4.23	5.22	6.21	7.22					7.22	8 / 7			
reaction time 0.137 interval		1.17	1.03	0.99	0.99	1.01						# of strides	4.23	2.99	
velocity	4.93	8.55	9.71	10.10	10.10	9.90					8.31		7.09	10.03	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)											*Feher (2012) - Czech Republic indoor national championships - men's 60m*				
date 25-Feb-12 time	2.00	3.17	4.20	5.21	6.19	7.18					7.18	2 / 5			
reaction time 0.148 interval		1.17	1.03	1.01	0.98	0.99						# of strides	4.20	2.98	
velocity	5.00	8.55	9.71	9.90	10.20	10.10					8.36		7.14	10.07	

Lecomte, Tiago (BEL) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)											*Omega Timing (2023) - diamond league race analysis*				
date 08-Sep-23 time	2.06	3.21	4.26	5.27	6.27	7.26	8.25	9.25	10.26	11.30	11.30	3 / 7			
reaction time 0.155 interval		1.15	1.05	1.01	1.00	0.99	0.99	1.00	1.01	1.04		# of strides	4.26	3.00	3.00
wind -0.4 m/s velocity	4.85	8.70	9.52	9.90	10.00	10.10	10.10	10.00	9.90	9.62	8.85		7.04	10.00	10.00

Leconte, Laurent (FRA) (1968)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 1996 International French Championships (Bercy, FRA)								*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*							
date 10-Feb-96 time	1.92	3.02	3.98	4.94	5.89	6.84					6.84	/ 6			
reaction time interval		1.10	0.96	0.96	0.95	0.95						# of strides	3.98	2.86	
velocity	5.21	9.09	10.42	10.42	10.53	10.53					8.77		7.54	10.49	

Ledvina, Jakub (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)								*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*							
date 28-Jun-14 time	2.13	3.26	4.33	5.35	6.35	7.35	8.35	9.40	10.45	11.53	11.53	8 / 8			
reaction time 0.246 interval		1.13	1.07	1.02	1.00	1.00	1.00	1.05	1.05	1.08		# of strides	4.33	3.02	3.10
wind -3.4 m/s velocity	4.69	8.85	9.35	9.80	10.00	10.00	10.00	9.52	9.52	9.26	8.67		6.93	9.93	9.68
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)								*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*							
date 28-Jun-14 time		3.20		5.28		7.30		9.33		11.46	11.46	7 / 2			
reaction time 0.167 interval				2.08		2.02		2.03		2.13		# of strides			
wind -3.6 m/s velocity		6.25		9.62		9.90		9.85		9.39	8.73				

Lee Yong-Mun (KOR) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-May-24 time	1.94	2.97	3.94	4.83	5.73	6.63	7.53	8.44	9.37	10.31	10.31	6 / 4			
reaction time 0.148 interval		1.03	0.97	0.89	0.90	0.90	0.90	0.91	0.93	0.94		# of strides	3.94	2.69	2.74
wind -0.2 m/s velocity	5.15	9.71	10.31	11.24	11.11	11.11	11.11	10.99	10.75	10.64	9.70	49.2	7.61	11.15	10.95
Semi-Final 3 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-May-24 time	1.95	2.99	3.94	4.86	5.76	6.66	7.56	8.47	9.40	10.36	10.36	7 / 1			
reaction time 0.151 interval		1.04	0.95	0.92	0.90	0.90	0.90	0.91	0.93	0.96		# of strides	3.94	2.72	2.74
wind -0.3 m/s velocity	5.13	9.62	10.53	10.87	11.11	11.11	11.11	10.99	10.75	10.42	9.65	50.0	7.61	11.03	10.95

Lemaitre, Christophe (FRA) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)								*Matsuo (2014) - research on athlete performance and technique- 2014 data book*							
date 11-May-14 time	1.96	3.03	3.99	4.90	5.81	6.70	7.58	8.48	9.39	10.31	10.31	4 / 3			
reaction time interval		1.07	0.96	0.91	0.91	0.89	0.88	0.90	0.91	0.92		# of strides	3.99	2.71	2.69
wind -3.5 m/s velocity	5.10	9.35	10.42	10.99	10.99	11.24	11.36	11.11	10.99	10.87	9.70	46.5	7.52	11.07	11.15
FINAL - 2011 IAAF World Championships (Daegu, KOR)								*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*							
date 28-Aug-11 time		2.96	3.94	4.83	5.73	6.59	7.47	8.34	9.26	10.19	10.19	8 / 4			
reaction time 0.179 interval			0.98	0.89	0.90	0.86	0.88	0.87	0.92	0.93		# of strides	3.94	2.65	2.67
wind -1.4 m/s velocity		6.76	10.20	11.24	11.11	11.63	11.36	11.49	10.87	10.75	9.81	41.0	7.61	11.32	11.24
FINAL - 2011 French National Championships (Albi, FRA)								*Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/*							
date 04-Jun-11 time			3.93			6.50		8.19		9.92	9.92	6 / 1			
reaction time interval						2.57		1.69		1.73	**AUR / NR**	# of strides	3.93	2.57	
wind -1.1 m/s velocity			7.63			11.67		11.83		11.56	10.08	41.5	7.63	11.67	

FINAL - 2010 Seiko Super Grand Prix (Kawasaki, JPN) *Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	19-Sep-10	time	1.96	3.02	3.97	4.89	5.78	6.67	7.55	8.45	9.35	10.26	10.26	4 / 1		
reaction time		interval		1.06	0.95	0.92	0.89	0.89	0.88	0.90	0.90	0.91		# of strides	3.97	2.70	2.68
wind	-1.6 m/s	velocity	5.10	9.43	10.53	10.87	11.24	11.24	11.36	11.11	11.11	10.99	9.75	43.8	7.56	11.11	11.19

Heat 6 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.05	4.00	4.90		6.68		8.44		10.23	10.23	6 / 1		
reaction time	0.177	interval			0.95	0.90		1.78		1.76		1.79		# of strides	4.00	2.68	
wind	-0.8 m/s	velocity		6.56	10.53	11.11		11.24		11.36		11.17	9.78		7.50	11.19	

Lesser, Alexander (SWE) (1993)

E FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 26-Jul-15	time		4.14			7.01		8.93		10.86	10.86	4 / 1			
reaction time	interval					2.87		1.92		1.93	PB	# of strides	4.14	2.87	
wind 1.1 m/s	velocity		7.25			10.45		10.42		10.36	9.21		7.25	10.45	

F FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time		4.25		7.22				11.21	11.21	3 / 2			
reaction time		interval				2.97				3.99		# of strides	4.25	2.97	
wind	1.5 m/s	velocity		7.06		10.10				10.03	8.92		7.06	10.10	

Lestari, Mardi (INA) (1968)

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 24-Sep-88	time	2.01	3.06	4.00	4.90	5.80	6.69	7.60	8.52	9.45	10.39	10.39	7 / 7		
reaction time	interval		1.05	0.94	0.90	0.90	0.89	0.91	0.92	0.93	0.94		# of strides	4.00	2.69	2.76
wind 0.6 m/s	velocity	4.98	9.52	10.64	11.11	11.11	11.24	10.99	10.87	10.75	10.64	9.62		7.50	11.15	10.87

Leung Chun Wai (HKG) (1988)

FINAL - 2008 Asian Indoor Championships (Doha, QAT) *Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 14-Feb-08	time	1.88	2.98	3.96	4.90	5.84	6.79					6.79	5 / 2			
reaction time	interval		1.10	0.98	0.94	0.94	0.95					PB	# of strides	3.96	2.83	
	velocity	5.32	9.09	10.20	10.64	10.64	10.53					8.84		7.58	10.60	

Levorato, Luca (ITA) (1971)

FINAL - 1994 Italian National Championships (Naples, ITA) *Locatelli (2000) - the mechanics and energetics of the 100m sprint*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 04-Jul-94	time	1.84	3.00	3.96	4.91	5.82	6.72				10.59	10.59				
reaction time	interval		1.16	0.96	0.95	0.91	0.90				3.87		# of strides	3.96	2.76	
wind 1.0 m/s	velocity	5.43	8.62	10.42	10.53	10.99	11.11				10.34	9.44		7.58	10.87	

Lewis, Brian (USA) (1974)

FINAL - 2000 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 01-Sep-00	time		2.91	3.86	4.76		6.51				10.13	10.13	/ 5			
reaction time 0.144	interval			0.95	0.90		1.75				3.62		# of strides	3.86	2.65	
wind -0.2 m/s	velocity		6.87	10.53	11.11		11.43				11.05	9.87		7.77	11.32	

Lewis, Carl (USA) (1961)

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 15-Jun-96	time	1.95		3.99		5.74				9.23	10.21	10.21	8 / 8			
reaction time	interval			2.04		1.75				3.49	0.98		# of strides	3.99		
wind 1.1 m/s	velocity	5.13		9.80		11.43				11.46	10.20	9.79		7.52		

FINAL - 1993 IAAF World Championships (Stuttgart, GER) *Stein (1993) - verbesserung der schnelligkeit*

date	15-Aug-93	time			3.95		6.59		8.30		10.02	10.02	3 / 4		
reaction time	0.144	interval					2.64		1.71		1.72		# of strides	3.95	2.64	
wind	0.3 m/s	velocity			7.59		11.36		11.70		11.63	9.98	43.5	7.59	11.36	

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.88	2.96	3.88	4.77	5.61	6.46	7.30	8.13	9.00	9.86	9.86	5 / 1		
reaction time	0.140	interval		1.08	0.92	0.89	0.84	0.85	0.84	0.83	0.87	0.86	WR	# of strides	3.88	2.58	2.54
wind	1.2 m/s	velocity	5.32	9.26	10.87	11.24	11.90	11.76	11.90	12.05	11.49	11.63	10.14	45.1	7.73	11.63	11.81

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

date	24-Sep-88	time	1.89	2.96	3.90	4.79	5.65	6.48	7.33	8.18	9.04	9.92	9.92	3 / ~~2~~ 1		
reaction time	0.136	interval		1.07	0.94	0.89	0.86	0.83	0.85	0.85	0.86	0.88	WR	# of strides	3.90	2.58	2.56
wind	1.1 m/s	velocity	5.29	9.35	10.64	11.24	11.63	12.05	11.76	11.76	11.63	11.36	10.08	43.6	7.69	11.63	11.72

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.95	2.99	3.93	4.81	5.69	6.55	7.41	8.26	9.11	9.97	9.97	5 / 1		
reaction time		interval		1.04	0.94	0.88	0.88	0.86	0.86	0.85	0.85	0.86		# of strides	3.93	2.62	2.56
wind	0.6 m/s	velocity	5.13	9.62	10.64	11.36	11.36	11.63	11.63	11.76	11.76	11.63	10.03		7.63	11.45	11.72

FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.94	2.96	3.91	4.78	5.64	6.50	7.36	8.22	9.07	9.93	9.93	6 / ~~2~~ 1			
reaction time	0.196	interval		1.02	0.95	0.87	0.86	0.86	0.86	0.86	0.85	0.86		# of strides	3.91	2.59	2.57
wind	1.0 m/s	velocity	5.15	9.80	10.53	11.49	11.63	11.63	11.63	11.63	11.76	11.63	10.07	44.6	7.67	11.58	11.67

Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time	1.94	3.00	3.98	4.86	5.73	6.59	7.44	8.30	9.15	10.03	10.03	8 / 1			
reaction time		interval		1.06	0.98	0.88	0.87	0.86	0.85	0.86	0.85	0.88	CR	# of strides	3.98	2.61	2.56
wind	-1.3 m/s	velocity	5.15	9.43	10.20	11.36	11.49	11.63	11.76	11.63	11.76	11.36	9.97	43.6	7.54	11.49	11.72

Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	2.01	3.07	4.05	4.98	5.88	6.77	7.66	8.56	9.46	10.38	10.38	6 / 1			
reaction time		interval		1.06	0.98	0.93	0.90	0.89	0.89	0.90	0.90	0.92		# of strides	4.05	2.72	2.69
wind	-2.9 m/s	velocity	4.98	9.43	10.20	10.75	11.11	11.24	11.24	11.11	11.11	10.87	9.63	43.0	7.41	11.03	11.15

Heat 6 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	1.92	2.98	3.93	4.82	5.70	6.57	7.42	8.27	9.13	10.05	10.05	7 / 1			
reaction time		interval		1.06	0.95	0.89	0.88	0.87	0.85	0.85	0.86	0.92	CR	# of strides	3.93	2.64	2.56
wind	1.5 m/s	velocity	5.21	9.43	10.53	11.24	11.36	11.49	11.76	11.76	11.63	10.87	9.95	42.7	7.63	11.36	11.72

FINAL - 1986 Goodwill Games (Moscow, URS) *Levchenko (1989) - 100 meters in 9.83: the birth of a record*

date	09-Jul-86	time			3.92			6.61				10.06	10.06	/ ~~3~~ 2			
reaction time		interval						2.69				3.45		# of strides	3.92	2.69	
wind	0.8 m/s	velocity			7.65			11.15				11.59	9.94	44.0	7.65	11.15	

FINAL - 1983 IAAF World Championships (Helsinki, FIN) *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time		2.92		4.80	5.67	6.55	7.43	8.28		10.07	10.07	3 / 1			
reaction time	0.134	interval				1.88	0.87	0.88	0.88	0.85		1.79	CR	# of strides		6.55	
wind	-0.3 m/s	velocity		6.85		10.64	11.49	11.36	11.36	11.76		11.17	9.93	44.2		4.58	

Lewis-Francis, Mark (GBR) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01	time	2.99	3.94	4.85		6.60		8.34		10.13	10.13	/ 1			
reaction time	interval		0.95	0.91		1.75		1.74		1.79		# of strides	3.94	2.66	
wind 1.4 m/s	velocity	6.69	10.53	10.99		11.43		11.49		11.17	9.87		7.61	11.28	

Li LI (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 10 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	2.00	3.10	4.13	5.09	6.02	7.01				7.01	8 / 6			
reaction time 0.203	interval		1.10	1.03	0.96	0.93	0.99					# of strides	4.13	2.88	
	velocity	5.00	9.09	9.71	10.42	10.75	10.10				8.56	30.5	7.26	10.42	

Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.03	3.12	4.15	5.13	6.12	7.08	8.09	9.11	10.15	11.19	11.19	1 / 8			
reaction time		interval		1.09	1.03	0.98	0.99	0.96	1.01	1.02	1.04	1.04		# of strides	4.15	2.93	3.07
wind	-1.0 m/s	velocity	4.93	9.17	9.71	10.20	10.10	10.42	9.90	9.80	9.62	9.62	8.94	46.7	7.23	10.24	9.77

Heat 10 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.00	3.06	4.06	5.01	5.94	6.91					6.91	2 / 1			
reaction time	0.155	interval		1.06	1.00	0.95	0.93	0.97						# of strides	4.06	2.85	
		velocity	5.00	9.43	10.00	10.53	10.75	10.31					8.68	30.0	7.39	10.53	

Li Mengyuan (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2024)*			
date 02-Jun-24	time	1.95	2.97	3.95	4.85	5.76	6.66	7.55	8.48	9.43	10.39	10.39	6 / 2			
reaction time 0.142	interval		1.02	0.98	0.90	0.91	0.90	0.89	0.93	0.95	0.96	PB	# of strides	3.95	2.71	2.77
wind 1.0 m/s	velocity	5.13	9.80	10.20	11.11	10.99	11.11	11.24	10.75	10.53	10.42	9.62	50.0	7.59	11.07	10.83

Li Weixiang (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24	time	1.97	2.99	3.97	4.91	5.82	6.78					6.78	2 / 8			
reaction time 0.141	interval		1.02	0.98	0.94	0.91	0.96						# of strides	3.97	2.81	
	velocity	5.08	9.80	10.20	10.64	10.99	10.42					8.85	30.5	7.56	10.68	

Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.92	2.94	3.90	4.83	5.74	6.69					6.69	7 / 3			
reaction time	0.135	interval		1.02	0.96	0.93	0.91	0.95					PB	# of strides	3.90	2.79	
		velocity	5.21	9.80	10.42	10.75	10.99	10.53					8.97	30.7	7.69	10.75	

B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		2.92	3.97	4.91	5.82	6.76					6.76	6 / 1			
reaction time		interval			1.05	0.94	0.91	0.94					PB	# of strides	3.97	2.79	
		velocity		6.85	9.52	10.64	10.99	10.64					8.88	31.0	7.56	10.75	

Li Wenhao (CHN) (2004)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.02	3.11	4.11	5.03	5.96	6.88	7.78	8.73	9.69	10.65	10.65	3 / 2			
reaction time	0.218	interval		1.09	1.00	0.92	0.93	0.92	0.90	0.95	0.96	0.96		# of strides	4.11	2.77	2.81
wind	-0.1 m/s	velocity	4.95	9.17	10.00	10.87	10.75	10.87	11.11	10.53	10.42	10.42	9.39	47.5	7.30	10.83	10.68

Li Wenjie (CHN) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2023 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2023)*			
date	21-Jul-23	time	1.89	2.96	3.95	4.89	5.83	6.79	7.70	8.64	9.59	10.59	10.59	5 / 2			
reaction time	0.147	interval		1.07	0.99	0.94	0.94	0.96	0.91	0.94	0.95	1.00		# of strides	3.95	2.84	2.80
wind	-0.6 m/s	velocity	5.29	9.35	10.10	10.64	10.64	10.42	10.99	10.64	10.53	10.00	9.44	51.5	7.59	10.56	10.71
Semi-Final 1 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-May-24	time	1.95	3.01	3.99	4.91	5.81	6.71	7.60	8.50	9.43	10.38	10.38	2 / 3			
reaction time	0.195	interval		1.06	0.98	0.92	0.90	0.90	0.89	0.90	0.93	0.95		# of strides	3.99	2.72	2.72
wind	0.1 m/s	velocity	5.13	9.43	10.20	10.87	11.11	11.11	11.24	11.11	10.75	10.53	9.63	48.5	7.52	11.03	11.03
Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)														*Shandong Athletics Sport Science (2023)*			
date	02-Jun-23	time	1.97	3.02	3.99	4.91	5.82	6.74	7.66	8.58	9.54	10.52	10.52	2 / 3			
reaction time	0.182	interval		1.05	0.97	0.92	0.91	0.92	0.92	0.92	0.96	0.98		# of strides	3.99	2.75	2.80
wind	-0.3 m/s	velocity	5.08	9.52	10.31	10.87	10.99	10.87	10.87	10.87	10.42	10.20	9.51	51.0	7.52	10.91	10.71
Heat 8 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)														*Shandong Athletics Sport Science (2023)*			
date	02-Jun-23	time	1.97	3.01	3.98	4.94	5.91	6.84	7.78	8.74	9.73	10.76	10.76	5 / 2			
reaction time		interval		1.04	0.97	0.96	0.97	0.93	0.94	0.96	0.99	1.03		# of strides	3.98	2.86	2.89
wind	-0.8 m/s	velocity	5.08	9.62	10.31	10.42	10.31	10.75	10.64	10.42	10.10	9.71	9.29	51.0	7.54	10.49	10.38
A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)														*Shandong Athletics Sport Science (2023)*			
date	28-Feb-23	time	1.88	2.95	3.92	4.84	5.79	6.72					6.72	6 / 2			
reaction time	0.127	interval		1.07	0.97	0.92	0.95	0.93					PB	# of strides	3.92	2.80	
		velocity	5.32	9.35	10.31	10.87	10.53	10.75					8.93	33.0	7.65	10.71	

Li Yanjing (CHN) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	13-May-24	time	1.95	3.02	3.99	4.94	5.87	6.78	7.70	8.62	9.59	10.58	10.58	9 / 1			
reaction time	0.164	interval		1.07	0.97	0.95	0.93	0.91	0.92	0.92	0.97	0.99		# of strides	3.99	2.79	2.81
wind	-0.4 m/s	velocity	5.13	9.35	10.31	10.53	10.75	10.99	10.87	10.87	10.31	10.10	9.45	46.2	7.52	10.75	10.68
A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-Feb-24	time		2.98	4.02	4.95	5.85	6.76					6.76	1 / 6			
reaction time		interval			1.04	0.93	0.90	0.91						# of strides	4.02	2.74	
		velocity		6.71	9.62	10.75	11.11	10.99					8.88	30.0	7.46	10.95	
Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2023)*			
date	16-Mar-23	time	1.96	3.01	3.99	4.91	5.81	6.76					6.76	7 / 2			
reaction time	0.181	interval		1.05	0.98	0.92	0.90	0.95						# of strides	3.99	2.77	
		velocity	5.10	9.52	10.20	10.87	11.11	10.53					8.88	29.7	7.52	10.83	

Li Zeyang (CHN) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.95	3.00	3.97	4.90	5.81	6.71	7.58	8.46	9.37	10.26	10.26	7 / 2			
reaction time	0.152	interval		1.05	0.97	0.93	0.91	0.90	0.87	0.88	0.91	0.89	PB	# of strides	3.97	2.74	2.66
wind	0.6 m/s	velocity	5.13	9.52	10.31	10.75	10.99	11.11	11.49	11.36	10.99	11.24	9.75	45.0	7.56	10.95	11.28
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.95	3.01	3.97	4.89	5.79	6.67	7.56	8.46	9.35	10.28	10.28	5 / 1			
reaction time	0.152	interval		1.06	0.96	0.92	0.90	0.88	0.89	0.90	0.89	0.93	=PB	# of strides	3.97	2.70	2.68
wind	-0.1 m/s	velocity	5.13	9.43	10.42	10.87	11.11	11.36	11.24	11.11	11.24	10.75	9.73	46.0	7.56	11.11	11.19
Heat 3 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	14-Sep-24	time	1.90	2.96	3.94	4.87	5.79	6.69	7.59	8.50	9.41	10.42	10.42	6 / 1			
reaction time	0.180	interval		1.06	0.98	0.93	0.92	0.90	0.90	0.91	0.91	1.01		# of strides	3.94	2.75	2.72
wind	-0.3 m/s	velocity	5.26	9.43	10.20	10.75	10.87	11.11	11.11	10.99	10.99	9.90	9.60	46.2	7.61	10.91	11.03
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	2.00	3.08	4.04	4.95	5.86	6.76	7.64	8.52	9.42	10.35	10.35	9 / 5			
reaction time	0.160	interval		1.08	0.96	0.91	0.91	0.90	0.88	0.88	0.90	0.93		# of strides	4.04	2.72	2.66
wind	1.1 m/s	velocity	5.00	9.26	10.42	10.99	10.99	11.11	11.36	11.36	11.11	10.75	9.66	46.0	7.43	11.03	11.28
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-Jun-24	time	1.98	3.07	4.06	4.99	5.91	6.82	7.73	8.63	9.56	10.49	10.49	3 / 5			

reaction time	0.167	interval		1.09	0.99	0.93	0.92	0.91	0.91	0.90	0.93	0.93		# of strides	4.06	2.76	2.74
wind	-0.6 m/s	velocity	5.05	9.17	10.10	10.75	10.87	10.99	10.99	11.11	10.75	10.75	9.53	46.2	7.39	10.87	10.95

FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	2.00	3.03	3.98	4.89	5.79	6.69	7.57	8.45	9.33	10.28	10.28	7 / 2			
reaction time	0.178	interval		1.03	0.95	0.91	0.90	0.90	0.88	0.88	0.88	0.95	PB	# of strides	3.98	2.71	2.64
wind	-0.2 m/s	velocity	5.00	9.71	10.53	10.99	11.11	11.11	11.36	11.36	11.36	10.53	9.73	45.7	7.54	11.07	11.36

Semi-Final 1 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.98	3.04	4.01	4.93	5.83	6.74	7.63	8.53	9.44	10.35	10.35	5 / 2			
reaction time	0.158	interval		1.06	0.97	0.92	0.90	0.91	0.89	0.90	0.91	0.91	PB	# of strides	4.01	2.73	2.70
wind	0.1 m/s	velocity	5.05	9.43	10.31	10.87	11.11	10.99	11.24	11.11	10.99	10.99	9.66	46.2	7.48	10.99	11.11

Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.03	3.13	4.09	5.01	5.94	6.84	7.75	8.68	9.61	10.59	10.59	3 / 4			
reaction time	0.230	interval		1.10	0.96	0.92	0.93	0.90	0.91	0.93	0.93	0.98		# of strides	4.09	2.75	2.77
wind	-0.3 m/s	velocity	4.93	9.09	10.42	10.87	10.75	11.11	10.99	10.75	10.75	10.20	9.44	46.5	7.33	10.91	10.83

LI Zhiwei (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 9 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.00	3.12	4.15	5.14	6.13	7.09	8.08	9.05	10.05	11.08	11.08	2 / 7			
reaction time	0.147	interval		1.12	1.03	0.99	0.99	0.96	0.99	0.97	1.00	1.03		# of strides	4.15	2.94	2.96
wind	-0.7 m/s	velocity	5.00	8.93	9.71	10.10	10.10	10.42	10.10	10.31	10.00	9.71	9.03	52.0	7.23	10.20	10.14

Heat 5 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.04	3.15	4.18	5.14	6.11	7.10					7.10	5 / 5			
reaction time	0.208	interval		1.11	1.03	0.96	0.97	0.99					=PB	# of strides	4.18	2.92	
		velocity	4.90	9.01	9.71	10.42	10.31	10.10					8.45	33.7	7.18	10.27	

Liang Jinsheng (CHN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN) *Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.92	2.98	3.92	4.84	5.73	6.63	7.52	8.40	9.29	10.21	10.21	6 / 4			
reaction time		interval		1.06	0.94	0.92	0.89	0.90	0.89	0.88	0.89	0.92		# of strides	3.92	2.71	2.66
wind	0.1 m/s	velocity	5.21	9.43	10.64	10.87	11.24	11.11	11.24	11.36	11.24	10.87	9.79	43.2	7.65	11.07	11.28

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.94	3.00	3.96	4.91	5.83	6.71	7.60	8.50	9.44	10.37	10.37	2 / 7			
reaction time	0.16	interval		1.06	0.96	0.95	0.92	0.88	0.89	0.90	0.94	0.93		# of strides	3.96	2.75	2.73
wind	0.3 m/s	velocity	5.15	9.43	10.42	10.53	10.87	11.36	11.24	11.11	10.64	10.75	9.64	44.0	7.58	10.91	10.99

Lilja, Johan (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			4.18			7.02				10.90	10.90	7 / 4			
reaction time		interval						2.84				3.88		# of strides	4.18	2.84	
wind	0.7 m/s	velocity			7.18			10.56				10.31	9.17		7.18	10.56	

C FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time			4.12			6.92		8.78		10.68	10.68	6 / 3			
reaction time		interval						2.80		1.86		1.90	PB	# of strides	4.12	2.80	
wind	0.3 m/s	velocity			7.28			10.71		10.75		10.53	9.36		7.28	10.71	

D FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.18			7.03		8.92		10.88	10.88	3 / 3			
reaction time		interval						2.85		1.89		1.96		# of strides	4.18	2.85	
wind	1.7 m/s	velocity			7.18			10.53		10.58		10.20	9.19		7.18	10.53	

E FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.26			7.22		9.18		11.23	11.23	/ 2			
reaction time		interval						2.96		1.96		2.05		# of strides	4.26	2.96	
wind	1.4 m/s	velocity			7.04			10.14		10.20		9.76	8.90		7.04	10.14	

F FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.28			7.26		9.26		11.31	11.31	5 / 1			
reaction time		interval						2.98		2.00		2.05		# of strides	4.28	2.98	
wind	1.6 m/s	velocity			7.01			10.07		10.00		9.76	8.84		7.01	10.07	

Lin Qibang (CHN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	2.03	3.12	4.09		5.92	6.84	7.72	8.61	9.52	10.46	10.46	6 / 1			
reaction time	0.198	interval		1.09	0.97		1.83	0.92	0.88	0.89	0.91	0.94	PB	# of strides	4.09	2.75	2.68
wind	-1.3 m/s	velocity	4.93	9.17	10.31		10.93	10.87	11.36	11.24	10.99	10.64	9.56	49.2	7.33	10.91	11.19

FINAL - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.94	3.02	4.00		5.82	6.70	7.59	8.48	9.39	10.30	10.30	4 / 3			
reaction time	0.159	interval		1.08	0.98		1.82	0.88	0.89	0.89	0.91	0.91	PB	# of strides	4.00	2.70	2.69
wind	0.2 m/s	velocity	5.15	9.26	10.20		10.99	11.36	11.24	11.24	10.99	10.99	9.71	48.5	7.50	11.11	11.15

Lin Yuchen (CHN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	2.02	3.06		4.93	5.85	6.77	7.65	8.57	9.52	10.52	10.52	8 / 7			
reaction time 0.227 interval		1.04		1.87	0.92	0.92	0.88	0.92	0.95	1.00		# of strides			2.75
wind 0.1 m/s velocity	4.95	9.62		10.70	10.87	10.87	11.36	10.87	10.53	10.00	9.51	48.0			10.91

Lind, Mait (EST) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)												*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date 21-Jul-06 time			4.09			7.20		9.17		11.21	11.21	/ 7			
reaction time interval						3.11		1.97		2.04		# of strides	4.09	3.11	
wind 0.6 m/s velocity			7.33			9.65		10.15		9.80	8.92		7.33	9.65	

Lindberg, Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time			4.13			7.05		9.01		11.06	11.06	/ 1			
reaction time interval						2.92		1.96		2.05		# of strides	4.13	2.92	
wind 3.0 m/s velocity			7.26			10.27		10.20		9.76	9.04		7.26	10.27	

Lindsey, Courtney (USA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)												*Omega Timing (2023) - diamond league race analysis*			
date 21-Jul-23 time	1.92	2.96	3.91	4.82	5.71	6.59	7.46	8.35	9.25	10.16	10.16	6 / 7			
reaction time 0.171 interval		1.04	0.95	0.91	0.89	0.88	0.87	0.89	0.90	0.91		# of strides	3.91	2.68	2.66
wind 0.6 m/s velocity	5.21	9.62	10.53	10.99	11.24	11.36	11.49	11.24	11.11	10.99	9.84	47.0	7.67	11.19	11.28

Ling Chun (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	1.98	3.06	4.05	4.97	5.90	6.82	7.75	8.68	9.66	10.63	10.63	4 / 3			
reaction time interval		1.08	0.99	0.92	0.93	0.92	0.93	0.93	0.98	0.97		# of strides	4.05	2.77	2.84
wind -1.0 m/s velocity	5.05	9.26	10.10	10.87	10.75	10.87	10.75	10.75	10.20	10.31	9.41	48.7	7.41	10.83	10.56

Liu Chang (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	1.98	3.04	4.00	4.91	5.78	6.67	7.56	8.45	9.37	10.27	10.27	3 / 3			
reaction time 0.194 interval		1.06	0.96	0.91	0.87	0.89	0.89	0.89	0.92	0.90	PB	# of strides	4.00	2.67	2.70
wind 0.6 m/s velocity	5.05	9.43	10.42	10.99	11.49	11.24	11.24	11.24	10.87	11.11	9.74	46.7	7.50	11.24	11.11
Semi-Final 3 - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	2.00	3.07	4.05	4.96	5.87	6.76	7.65	8.53	9.44	10.37	10.37	6 / 2			
reaction time 0.191 interval		1.07	0.98	0.91	0.91	0.89	0.89	0.88	0.91	0.93		# of strides	4.05	2.71	2.68
wind -0.2 m/s velocity	5.00	9.35	10.20	10.99	10.99	11.24	11.24	11.36	10.99	10.75	9.64	46.7	7.41	11.07	11.19

Liu Dian (CHN) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	2.06	3.19	4.22	5.22	6.20	7.20	8.19	9.20	10.26	11.33	11.33	4 / 6			
reaction time 0.158 interval		1.13	1.03	1.00	0.98	1.00	0.99	1.01	1.06	1.07	PB	# of strides	4.22	2.98	3.06
wind 0.5 m/s velocity	4.85	8.85	9.71	10.00	10.20	10.00	10.10	9.90	9.43	9.35	8.83		7.11	10.07	9.80

Liu Junchen (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2023)*			
date 16-Mar-23 time	2.04	3.10	4.08	5.01	5.92	6.88					6.88	6 / 3			
reaction time 0.188 interval		1.06	0.98	0.93	0.91	0.96						# of strides	4.08	2.80	
velocity	4.90	9.43	10.20	10.75	10.99	10.42					8.72	32.0	7.35	10.71	

Liu Qingjie (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2024)*			
date 01-Jun-24 time	1.92	2.96	3.97	4.94	5.88	6.81	7.74	8.68	9.63	10.60	10.60	2 / 2			
reaction time 0.146 interval		1.04	1.01	0.97	0.94	0.93	0.93	0.94	0.95	0.97		# of strides	3.97	2.84	2.82
wind 0.0 m/s velocity	5.21	9.62	9.90	10.31	10.64	10.75	10.75	10.64	10.53	10.31	9.43	47.2	7.56	10.56	10.64

Liu Renyuan (CHN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat A - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25 time	2.16	3.38	4.49	5.54	6.60	7.63	8.67	9.73	10.81	11.97	11.97	6 / 10			
reaction time 0.197 interval		1.22	1.11	1.05	1.06	1.03	1.04	1.06	1.08	1.16	PB	# of strides	4.49	3.14	3.18
wind 0.5 m/s velocity	4.63	8.20	9.01	9.52	9.43	9.71	9.62	9.43	9.26	8.62	8.35		6.68	9.55	9.43

Liu Shuoyuan (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			

date	09-Jun-23	time	1.98	3.06	4.04	4.96	5.87	6.77	7.66	8.57	9.47	10.44	10.44	9 / 4			
reaction time	0.173	interval		1.08	0.98	0.92	0.91	0.90	0.89	0.91	0.90	0.97		# of strides	4.04	2.73	2.70
wind	-0.4 m/s	velocity	5.05	9.26	10.20	10.87	10.99	11.11	11.24	10.99	11.11	10.31	9.58	49.0	7.43	10.99	11.11

Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.00	3.05	4.03	4.96	5.85	6.76	7.65	8.57	9.47	10.41	10.41	4 / 3			
reaction time	0.163	interval		1.05	0.98	0.93	0.89	0.91	0.89	0.92	0.90	0.94	PB	# of strides	4.03	2.73	2.71
wind	0.3 m/s	velocity	5.00	9.52	10.20	10.75	11.24	10.99	11.24	10.87	11.11	10.64	9.61	48.2	7.44	10.99	11.07

Liu Siyuan (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	26-Apr-25	time	2.14	3.31	4.38	5.41	6.41	7.40	8.41	9.43	10.47	11.56	11.56	7 / 9			
reaction time	0.200	interval		1.17	1.07	1.03	1.00	0.99	1.01	1.02	1.04	1.09	PB	# of strides	4.38	3.02	3.07
wind	0.5 m/s	velocity	4.67	8.55	9.35	9.71	10.00	10.10	9.90	9.80	9.62	9.17	8.65		6.85	9.93	9.77

Liu Suyi (CHN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.94	3.01	3.97		5.77	6.67	7.58	8.52	9.48	10.48	10.48	5 / 8			
reaction time	0.150	interval		1.07	0.96		1.80	0.90	0.91	0.94	0.96	1.00		# of strides	3.97	2.70	2.81
wind	0.2 m/s	velocity	5.15	9.35	10.42		11.11	11.11	10.99	10.64	10.42	10.00	9.54	45.0	7.56	11.11	10.68

Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.94	2.98	3.94		5.76	6.67	7.58	8.52	9.48	10.50	10.50	7 / 2			
reaction time	0.174	interval		1.04	0.96		1.82	0.91	0.91	0.94	0.96	1.02		# of strides	3.94	2.73	2.81
wind	-1.3 m/s	velocity	5.15	9.62	10.42		10.99	10.99	10.99	10.64	10.42	9.80	9.52	46.0	7.61	10.99	10.68

Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	1.95	3.03	4.00	4.93	5.84	6.77	7.69	8.64	9.60	10.57	10.57	5 / 1			
reaction time	0.143	interval		1.08	0.97	0.93	0.91	0.93	0.92	0.95	0.96	0.97		# of strides	4.00	2.77	2.83
wind	-1.2 m/s	velocity	5.13	9.26	10.31	10.75	10.99	10.75	10.87	10.53	10.42	10.31	9.46	46.0	7.50	10.83	10.60

Heat 5 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	1.94	3.00	3.98	4.89	5.82	6.74	7.67	8.61	9.58	10.58	10.58	6 / 1			
reaction time	0.146	interval		1.06	0.98	0.91	0.93	0.92	0.93	0.94	0.97	1.00		# of strides	3.98	2.76	2.84
wind	-0.3 m/s	velocity	5.15	9.43	10.20	10.99	10.75	10.87	10.75	10.64	10.31	10.00	9.45	46.0	7.54	10.87	10.56

Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.14	3.30	4.37	5.39	6.44	7.48					6.69	1 / 1			
reaction time	0.170	interval		1.16	1.07	1.02	1.05	1.04					PB	# of strides	4.37	3.11	
		velocity	4.67	8.62	9.35	9.80	9.52	9.62					8.97	29.0	6.86	9.65	

Liu Yuchen (CHN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.02	3.06		4.93	5.85	6.77	7.65	8.57	9.52	10.52	10.52	8 / 7			
reaction time	0.227	interval		1.04		1.87	0.92	0.92	0.88	0.92	0.95	1.00		# of strides			2.75
wind	0.1 m/s	velocity	4.95	9.62		10.70	10.87	10.87	11.36	10.87	10.53	10.00	9.51	48.0			10.91

Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.98	3.02	3.99	4.91	5.82	6.73	7.66	8.58	9.54	10.51	10.51	4 / 2			
reaction time	0.185	interval		1.04	0.97	0.92	0.91	0.91	0.93	0.92	0.96	0.97		# of strides	3.99	2.74	2.81
wind	-0.6 m/s	velocity	5.05	9.62	10.31	10.87	10.99	10.99	10.75	10.87	10.42	10.31	9.51	48.5	7.52	10.95	10.68

Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.98	3.04	4.02	4.93	5.85	6.77	7.71	8.65	9.63	10.60	10.60	3 / 2			
reaction time		interval		1.06	0.98	0.91	0.92	0.92	0.94	0.94	0.98	0.97		# of strides	4.02	2.75	2.86
wind	-1.0 m/s	velocity	5.05	9.43	10.20	10.99	10.87	10.87	10.64	10.64	10.20	10.31	9.43	49.0	7.46	10.91	10.49

Liu Zengsheng (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.09	4.07	5.02	5.98	6.92	7.85	8.79	9.76	10.73	10.73	3 / 2			
reaction time		interval		1.09	0.98	0.95	0.96	0.94	0.93	0.94	0.97	0.97		# of strides	4.07	2.85	2.84
wind	-0.8 m/s	velocity	5.00	9.17	10.20	10.53	10.42	10.64	10.75	10.64	10.31	10.31	9.32	47.5	7.37	10.53	10.56

Liu Zixu (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.04	3.09	4.09	5.03	6.00	6.92	7.84	8.79	9.76	10.75	10.75	6 / 4			
reaction time	0.186	interval		1.05	1.00	0.94	0.97	0.92	0.92	0.95	0.97	0.99		# of strides	4.09	2.83	2.84
wind	-0.1 m/s	velocity	4.90	9.52	10.00	10.64	10.31	10.87	10.87	10.53	10.31	10.10	9.30	46.0	7.33	10.60	10.56

Lohmann, Jonas (GER) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time		3.22	4.24	5.20		7.07		9.08		11.12	11.12	/ 5			

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

reaction time		interval		1.02	0.96		1.87		2.01		2.04		# of strides	4.24	2.83
wind	0.0 m/s	velocity	6.21	9.80	10.42		10.70		9.95		9.80	8.99		7.08	10.60

Semi-Final 2 - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.10	4.12	5.09		7.00		8.96		10.97	10.97	/ 2		
reaction time		interval		1.02	0.97		1.91		1.96		2.01		# of strides	4.12	2.88
wind	0.0 m/s	velocity	6.45	9.80	10.31		10.47		10.20		9.95	9.12		7.28	10.42

Longa, Ronal (COL) (2004)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 7 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.96	3.04	3.99	4.88	5.78	6.65	7.55	8.45	9.38	10.29	10.29	7 / 7		
reaction time	0.163	interval		1.08	0.95	0.89	0.90	0.87	0.90	0.90	0.93	0.91	# of strides	3.99	2.66	2.73
wind	0.3 m/s	velocity	5.10	9.26	10.53	11.24	11.11	11.49	11.11	11.11	10.75	10.99	9.72	46.5	7.52	11.28	10.99

Louis, Marc Brian (SGP) (2002)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 1 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.95	3.02	3.97	4.88	5.79	6.70	7.61	8.53	9.47	10.43	10.43	4 / 3		
reaction time	0.168	interval		1.07	0.95	0.91	0.91	0.91	0.91	0.92	0.94	0.96	# of strides	3.97	2.73	2.77
wind	0.6 m/s	velocity	5.13	9.35	10.53	10.99	10.99	10.99	10.99	10.87	10.64	10.42	9.59	49.2	7.56	10.99	10.83

Loutzky, Stéphane (FRA) (1971)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 1 - 1996 International French Championships (Bercy, FRA)													*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date	10-Feb-96	time	1.94	3.03	4.02	4.96	5.91	6.85				6.85	/ 6			
reaction time		interval		1.09	0.99	0.94	0.95	0.94					# of strides	4.02	2.83	
		velocity	5.15	9.17	10.10	10.64	10.53	10.64				8.76		7.46	10.60	

Lu Weiyi (CHN) (2000)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	1.93	3.01	3.97	4.91	5.80	6.70	7.60	8.50	9.43	10.37	10.37	8 / 7		
reaction time	0.170	interval		1.08	0.96	0.94	0.89	0.90	0.90	0.90	0.93	0.94	# of strides	3.97	2.73	2.73
wind	1.1 m/s	velocity	5.18	9.26	10.42	10.64	11.24	11.11	11.11	11.11	10.75	10.64	9.64	48.0	7.56	10.99	10.99
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	1.95	3.00	3.96	4.88	5.78	6.66	7.56	8.46	9.36	10.31	10.31	2 / 8		
reaction time	0.163	interval		1.05	0.96	0.92	0.90	0.88	0.90	0.90	0.90	0.95	# of strides	3.96	2.70	2.70
wind	-0.1 m/s	velocity	5.13	9.52	10.42	10.87	11.11	11.36	11.11	11.11	11.11	10.53	9.70	48.0	7.58	11.11	11.11
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)													*Shandong Athletics Sport Science (2024)*			
date	28-Jun-24	time	1.95	3.01	3.99	4.92	5.84	6.76	7.67	8.58	9.51	10.46	10.46	5 / 3		
reaction time	0.187	interval		1.06	0.98	0.93	0.92	0.92	0.91	0.91	0.93	0.95	# of strides	3.99	2.77	2.75
wind	-0.6 m/s	velocity	5.13	9.43	10.20	10.75	10.87	10.87	10.99	10.99	10.75	10.53	9.56	48.2	7.52	10.83	10.91
FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)													*Shandong Athletics Sport Science (2024)*			
date	28-May-24	time	1.92	2.97	3.95	4.86	5.75	6.64	7.53	8.44	9.36	10.30	10.30	2 / 3		
reaction time	0.169	interval		1.05	0.98	0.91	0.89	0.89	0.89	0.91	0.92	0.94	# of strides	3.95	2.69	2.72
wind	-0.2 m/s	velocity	5.21	9.52	10.20	10.99	11.24	11.24	11.24	10.99	10.87	10.64	9.71	48.0	7.59	11.15	11.03
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)													*Shandong Athletics Sport Science (2024)*			
date	12-Mar-24	time	1.97	3.01	3.97	4.89	5.81	6.69				6.69	6 / 1			
reaction time	0.185	interval		1.04	0.96	0.92	0.92	0.88					# of strides	3.97	2.72	
		velocity	5.08	9.62	10.42	10.87	10.87	11.36				8.97	31.0	7.56	11.03	
Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)													*Shandong Athletics Sport Science (2024)*			
date	12-Mar-24	time	1.94	2.99	3.96	4.91	5.80	6.72				6.72	7 / 1			
reaction time	0.179	interval		1.05	0.97	0.95	0.89	0.92					# of strides	3.96	2.76	
		velocity	5.15	9.52	10.31	10.53	11.24	10.87				8.93	31.0	7.58	10.87	
FINAL - 2023 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2023)*			
date	21-Jul-23	time	1.92	2.96	3.92		5.74	6.62	7.52	8.43	9.31	10.24	10.24	7 / 2		
reaction time	0.163	interval		1.04	0.96		1.82	0.88	0.90	0.91	0.88	0.93	PB	# of strides	3.92	2.70	2.69
wind	0.2 m/s	velocity	5.21	9.62	10.42		10.99	11.36	11.11	10.99	11.36	10.75	9.77	47.0	7.65	11.11	11.15
Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)													*Shandong Athletics Sport Science (2023)*			
date	21-Jul-23	time	1.94	2.97	3.97		5.77	6.66	7.55	8.47	9.39	10.34	10.34	5 / 2		
reaction time	0.178	interval		1.03	1.00		1.80	0.89	0.89	0.92	0.92	0.95		# of strides	3.97	2.69	2.73
wind	-0.5 m/s	velocity	5.15	9.71	10.00		11.11	11.24	11.24	10.87	10.87	10.53	9.67	48.7	7.56	11.15	10.99
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)													*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	1.92	2.96	3.92	4.83	5.71	6.62	7.52	8.40	9.32	10.28	10.28	2 / 6		
reaction time	0.180	interval		1.04	0.96	0.91	0.88	0.91	0.90	0.88	0.92	0.96	PB	# of strides	3.92	2.70	2.70
wind	0.7 m/s	velocity	5.21	9.62	10.42	10.99	11.36	10.99	11.11	11.36	10.87	10.42	9.73	48.0	7.65	11.11	11.11

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.92	3.04	3.96	4.87	5.77	6.67	7.57	8.49	9.43	10.36	10.36	8 / 3		
reaction time	0.184	interval		1.12	0.92	0.91	0.90	0.90	0.90	0.92	0.94	0.93		# of strides	3.96	2.71	2.76
wind	-0.2 m/s	velocity	5.21	8.93	10.87	10.99	11.11	11.11	11.11	10.87	10.64	10.75	9.65	51.0	7.58	11.07	10.87

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.97	3.03		4.89	5.81	6.71	7.60	8.50	9.41	10.39	10.39	5 / 2		
reaction time	0.203	interval		1.06		1.86	0.92	0.90	0.89	0.90	0.91	0.98		# of strides			2.70
wind	0.1 m/s	velocity	5.08	9.43		10.75	10.87	11.11	11.24	11.11	10.99	10.20	9.62	58.0			11.11

Lyles, Noah (USA) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	04-Aug-24	time	1.95	2.98	3.90	4.76	5.61	6.44	7.26	8.09	8.93	9.79	9.79	7 / 1		
reaction time	0.178	interval		1.03	0.92	0.86	0.85	0.83	0.82	0.83	0.84	0.86	PB	# of strides	3.90	2.54	2.49
wind	1.0 m/s	velocity	5.13	9.71	10.87	11.63	11.76	12.05	12.20	12.05	11.90	11.63	10.21	44.0	7.69	11.81	12.05

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

date	04-Aug-24	time	1.92	2.97	3.90	4.79	5.64	6.48	7.32	8.16	9.00	9.83	9.83	4 / 2		
reaction time	0.167	interval		1.05	0.93	0.89	0.85	0.84	0.84	0.84	0.84	0.83		# of strides	3.90	2.58	2.52
wind	0.7 m/s	velocity	5.21	9.52	10.75	11.24	11.76	11.90	11.90	11.90	11.90	12.05	10.17	44.2	7.69	11.63	11.90

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

date	03-Aug-24	time	1.94	3.00	3.94	4.83	5.70	6.56	7.42	8.29	9.16	10.04	10.04	6 / 2		
reaction time	0.161	interval		1.06	0.94	0.89	0.87	0.86	0.86	0.87	0.87	0.88		# of strides	3.94	2.62	2.60
wind	-0.2 m/s	velocity	5.15	9.43	10.64	11.24	11.49	11.63	11.63	11.49	11.49	11.36	9.96	45.0	7.61	11.45	11.54

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

date	16-Sep-23	time	1.94	2.98	3.90	4.78	5.64	6.48	7.31	8.15	8.99	9.85	9.85	5 / 2		
reaction time	0.155	interval		1.04	0.92	0.88	0.86	0.84	0.83	0.84	0.84	0.86		# of strides	3.90	2.58	2.51
wind	0.1 m/s	velocity	5.15	9.62	10.87	11.36	11.63	11.90	12.05	11.90	11.90	11.63	10.15	44.0	7.69	11.63	11.95

FINAL - 2023 Meeting de Paris (Paris, FRA) *Omega Timing (2023) - diamond league race analysis*

date	09-Jun-23	time	1.94	2.99	3.93	4.82	5.69	6.54	7.39	8.24	9.09	9.97	9.97	4 / 1		
reaction time	0.167	interval		1.05	0.94	0.89	0.87	0.85	0.85	0.85	0.85	0.88		# of strides	3.93	2.61	2.55
wind	-0.9 m/s	velocity	5.15	9.52	10.64	11.24	11.49	11.76	11.76	11.76	11.76	11.36	10.03	45.0	7.63	11.49	11.76

FINAL - 2022 Prefontaine Classic (Eugene, OR) *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time		3.00		4.84		6.58		8.31		10.05	10.05	7 / 4		
reaction time	0.144	interval				1.84		1.74		1.73		1.74		# of strides			
wind	-0.2 m/s	velocity		6.67		10.87		11.49		11.56		11.49	9.95	46.0			

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time		3.1		4.9		6.6		8.3		9.98	9.98	4 / 1		
reaction time	0.154	interval				1.8		1.7		1.7		1.68		# of strides			
wind	-0.4 m/s	velocity		6.45		11.11		11.76		11.76		11.90	10.02	46.5			

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

date	12-Jul-19	time				5.7						9.92	9.92	5 / 2		
reaction time	0.149	interval										4.22		# of strides		
wind	0.3 m/s	velocity				8.77						11.85	10.08	46.0		

Lysne, Torbjørn (NOR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time						7.06				10.87	10.87	5 / 4		
reaction time		interval										3.81		# of strides		
wind	0.6 m/s	velocity						8.50				10.50	9.20			

B FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.20			7.01		8.86		10.77	10.77	1 / 5		
reaction time		interval						2.81		1.85		1.91	PB	# of strides	4.20	2.81	
wind	1.1 m/s	velocity			7.14			10.68		10.81		10.47	9.29		7.14	10.68	

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.18			6.98		8.82		10.70	10.70	/ 1		
reaction time		interval						2.80		1.84		1.88		# of strides	4.18	2.80	
wind	2.8 m/s	velocity			7.18			10.71		10.87		10.64	9.35		7.18	10.71	

D FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.22			7.05		8.91		10.80	10.80	2 / 1		
reaction time		interval						2.83		1.86		1.89		# of strides	4.22	2.83	
wind	1.6 m/s	velocity			7.11			10.60		10.75		10.58	9.26		7.11	10.60	

Maaroufou, Hachim (COM) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	2.00	3.09	4.05	5.00	5.91	6.81	7.74	8.66	9.59	10.52	10.52	7 / 9			
reaction time 0.158 interval		1.09	0.96	0.95	0.91	0.90	0.93	0.92	0.93	0.93		# of strides	4.05	2.76	2.78
wind -1.1 m/s velocity	5.00	9.17	10.42	10.53	10.99	11.11	10.75	10.87	10.75	10.75	9.51	45.7	7.41	10.87	10.79
Prelim 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.99	3.06	4.02	4.95	5.84	6.73	7.64	8.55	9.49	10.44	10.44	3 / 3			
reaction time 0.160 interval		1.07	0.96	0.93	0.89	0.89	0.91	0.91	0.94	0.95		# of strides	4.02	2.71	2.76
wind 0.2 m/s velocity	5.03	9.35	10.42	10.75	11.24	11.24	10.99	10.99	10.64	10.53	9.58	44.7	7.46	11.07	10.87

Macháček, Martin (CZE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time		3.13		5.15		7.11		9.12		11.17	11.17	1 / 8			
reaction time 0.166 interval				2.02		1.96		2.01		2.05		# of strides			
wind 1.4 m/s velocity		6.39		9.90		10.20		9.95		9.76	8.95				

Machmour, Chakir (MAR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)												*Omega Timing (2023) - diamond league race analysis*			
date 28-May-23 time	2.00	3.11	4.10	5.03	5.96	6.88	7.80	8.72	9.65	10.63	10.63	1 / 9			
reaction time 0.157 interval		1.11	0.99	0.93	0.93	0.92	0.92	0.92	0.93	0.98		# of strides	4.10	2.78	2.77
wind 0.1 m/s velocity	5.00	9.01	10.10	10.75	10.75	10.87	10.87	10.87	10.75	10.20	9.41	48.5	7.32	10.79	10.83

Madonia, Ezio (ITA) (1966)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91 time			4.01			6.75		8.57		10.42	10.42	/ 4			
reaction time interval						2.74		1.82		1.85		# of strides	4.01	2.74	
wind 0.5 m/s velocity			7.48			10.95		10.99		10.81	9.60		7.48	10.95	

Maestra, Cecilio (ESP) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 1 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.05	4.03	4.97		6.87		8.69		10.62	10.62	/ 5			
reaction time 0.145 interval			0.98	0.94		1.90		1.82		1.93		# of strides	4.03	2.84	
wind 0.6 m/s velocity		6.56	10.20	10.64		10.53		10.99		10.36	9.42		7.44	10.56	

Magakwe, Simon (RSA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.01			6.66		8.43		10.24	10.24	7 / 5			
reaction time interval						2.65		1.77		1.81		# of strides	4.01	2.65	
wind 3.0 m/s velocity			7.48			11.32		11.30		11.05	9.77	46.0	7.48	11.32	
Heat 8 - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.02			6.72		8.50		10.32	10.32	3 / 1			
reaction time interval						2.70		1.78		1.82		# of strides	4.02	2.70	
wind 1.8 m/s velocity			7.46			11.11		11.24		10.99	9.69		7.46	11.11	
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		3.02	3.99	4.91		6.76		8.61		10.71	10.71	1 / 6			
reaction time 0.146 interval			0.97	0.92		1.85		1.85		2.10		# of strides	3.99	2.77	
wind 0.4 m/s velocity		6.62	10.31	10.87		10.81		10.81		9.52	9.34		7.52	10.83	
Heat 10 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		3.05	4.02	4.95		6.80		8.64		10.54	10.54	3 / 3			
reaction time 0.155 interval			0.97	0.93		1.85		1.84		1.90		# of strides	4.02	2.78	
wind -0.3 m/s velocity		6.56	10.31	10.75		10.81		10.87		10.53	9.49		7.46	10.79	

Mahorn, Atlee (CAN) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 1993 IAAF World Championships (Stuttgart, GER)												*Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*			
date 15-Aug-93 time			3.96			6.64		8.42		10.21	10.21	2 / 5			
reaction time interval						2.68		1.78		1.79		# of strides	3.96	2.68	
wind 0.3 m/s velocity			7.58			11.19		11.24		11.17	9.79	44.0	7.58	11.19	

Maibuca, Karalo Hepoiteloto (TUV) (199

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.97	3.10	4.13	5.12	6.12	7.11	8.14	9.18	10.24	11.30	11.30	8 / 7			
reaction time 0.153 interval		1.13	1.03	0.99	1.00	0.99	1.03	1.04	1.06	1.06	NR PB	# of strides	4.13	2.98	3.13
wind 0.6 m/s velocity	5.08	8.85	9.71	10.10	10.00	10.10	9.71	9.62	9.43	9.43	8.85	50.5	7.26	10.07	9.58

Makihara, Kazushi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20 time			4.30			7.22			10.23	11.23	11.23	2 / 8			
reaction time interval						2.92			3.01	1.00		# of strides	4.30	2.92	3.01

wind	1.5 m/s	velocity			6.98			10.27			9.97	10.00	8.90	47.3	6.98	10.27	9.97

Malone, Noah (USA) (T12)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)											*Omega Timing (2023) - diamond league race analysis*				
date 17-Sep-23 time	1.95	3.02	4.01	4.95	5.89	6.81	7.76	8.72	9.70	10.72	10.72	5 / 1			
reaction time 0.146 interval		1.07	0.99	0.94	0.94	0.92	0.95	0.96	0.98	1.02		# of strides	4.01	2.80	2.89
wind 0.0 m/s velocity	5.13	9.35	10.10	10.64	10.64	10.87	10.53	10.42	10.20	9.80	9.33	48.0	7.48	10.71	10.38

Mancini, Pascal (SUI) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)											*Omega Timing (2023) - diamond league race analysis*				
date 30-Jun-23 time	1.94	3.02	4.00	4.93	5.86	6.77	7.69	8.61	9.56	10.52	10.52	6 / 1			
reaction time 0.139 interval		1.08	0.98	0.93	0.93	0.91	0.92	0.92	0.95	0.96		# of strides	4.00	2.77	2.79
wind -0.8 m/s velocity	5.15	9.26	10.20	10.75	10.75	10.99	10.87	10.87	10.53	10.42	9.51		7.50	10.83	10.75

Marsh, Michael (USA) (1967)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 USA Olympic Trials (Atlanta, GA)											*USATF Women's Sprint Development (1996)*				
date 15-Jun-96 time	2.00		3.96		5.68				9.07	10.00	10.00	4 / 2			
reaction time interval			1.96		1.72				3.39	0.93		# of strides	3.96		
wind 1.1 m/s velocity	5.00		10.20		11.63				11.80	10.75	10.00		7.58		

Mårtensson, Erik (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2012 Windsprint (Sundsvall, SWE)											*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*				
date 17-Jun-12 time			4.40			7.52		9.64		11.79	11.79	/ 5			
reaction time interval						3.12		2.12		2.15		# of strides	4.40	3.12	
wind 1.4 m/s velocity			6.82			9.62		9.43		9.30	8.48		6.82	9.62	

Mårtensson, Jonas (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)											*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date 24-Jul-07 time			4.11			7.03		8.99		11.06	11.06	/ 4			
reaction time interval						2.92		1.96		2.07		# of strides	4.11	2.92	
wind 1.1 m/s velocity			7.30			10.27		10.20		9.66	9.04		7.30	10.27	

Mårtensson, Oskar (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2014 Windsprint (Sundsvall, SWE)											*(2014) - www.ssg.se/windsprint/Splittider/*				
date 20-Jul-14 time			4.56			7.81		9.98		12.21	12.21	7 / 5			
reaction time interval						3.25		2.17		2.23		# of strides	4.56	3.25	
wind 1.6 m/s velocity			6.58			9.23		9.22		8.97	8.19		6.58	9.23	

Mårtensson, Torbjörn (SWE) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)											*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date 20-Jul-94 time			4.09			6.87		8.70		10.61	10.61	/ 3			
reaction time interval						2.78		1.83		1.91		# of strides	4.09	2.78	
wind **1.8 m/s** velocity			7.33			10.79		10.93		10.47	9.43		7.33	10.79	

Marthinussen, Christian (NOR) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2015 Windsprint (Sundsvall, SWE)											*(2015) - www.windsprint/Splittider/*				
date 26-Jul-15 time			4.11			6.91		8.79		10.75	10.75	3 / 4			
reaction time interval						2.80		1.88		1.96	**PB**	# of strides	4.11	2.80	
wind 0.9 m/s velocity			7.30			10.71		10.64		10.20	9.30		7.30	10.71	

Martin, Rodney (USA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 29-Jun-08 time	1.97	3.00	3.95	4.82	5.66	6.53	7.37	8.21	9.07	9.97	9.97	7 / 5			
reaction time 0.189 interval		1.03	0.95	0.87	0.84	0.87	0.84	0.84	0.86	0.90		# of strides	3.95	2.58	2.54
wind 4.1 m/s velocity	5.08	9.71	10.53	11.49	11.90	11.49	11.90	11.90	11.63	11.11	10.03	46.0	7.59	11.63	11.81
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 29-Jun-08 time	2.02	3.04	4.00	4.87	5.72	6.60	7.46	8.35	9.21	10.08	10.08	3 / 3			
reaction time interval		1.02	0.96	0.87	0.85	0.88	0.86	0.89	0.86	0.87		# of strides	4.00	2.60	2.61
wind 2.2 m/s velocity	4.95	9.80	10.42	11.49	11.76	11.36	11.63	11.24	11.63	11.49	9.92	46.0	7.50	11.54	11.49
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 28-Jun-08 time	1.85	2.92	3.94	4.82	5.67	6.52	7.37	8.21	9.07	9.95	9.95	5 / 2			
reaction time interval		1.07	1.02	0.88	0.85	0.85	0.85	0.84	0.86	0.88	**PB**	# of strides	3.94	2.58	2.55
wind 1.6 m/s velocity	5.41	9.35	9.80	11.36	11.76	11.76	11.76	11.90	11.63	11.36	10.05	45.7	7.61	11.63	11.76
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 28-Jun-08 time	2.00	3.02	4.00	4.89	5.76	6.59	7.43	8.28	9.21	10.10	10.10	2 / 1			
reaction time interval		1.02	0.98	0.89	0.87	0.83	0.84	0.85	0.93	0.89	**PB**	# of strides	4.00	2.59	2.62
wind 0.8 m/s velocity	5.00	9.80	10.20	11.24	11.49	12.05	11.90	11.76	10.75	11.24	9.90		7.50	11.58	11.45

Martina, Churandy (NED) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 FBK Games (Hengelo, NED) — *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time	3.1	5.0	6.9	8.7	10.61	10.61	3 / 9	
reaction time	0.141	interval		1.90	1.90	1.80	1.91		# of strides	
wind	-0.3 m/s	velocity	6.45	10.53	10.53	11.11	10.47	9.43	46.5	

Martina, Churandy (AHO) (1984)

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.10	4.06	4.97	6.74	8.44	10.19	10.19	8 / 4	
reaction time	0.205	interval		0.96	0.91	1.77	1.70	1.75	# of strides	4.06	2.68
wind	0.1 m/s	velocity	6.45	10.42	10.99	11.30	11.76	11.43	9.81	7.39	11.19

Heat 8 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.06	4.02	4.94	6.73	8.47	10.26	10.26	7 / 3	
reaction time	0.151	interval		0.96	0.92	1.79	1.74	1.79	# of strides	4.02	2.71
wind	0.0 m/s	velocity	6.54	10.42	10.87	11.17	11.49	11.17	9.75	7.46	11.07

FINAL - 2008 Olympic Games (Beijing, CHN) — *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time	3.92	6.53	8.23	9.93	9.93	9 / 4			
reaction time	0.169	interval		2.61	1.70	1.70	NR PB	# of strides	3.92	2.61	
wind	0.0 m/s	velocity	7.65	11.48	11.79	11.76	10.07	46.5	7.65	11.48	

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) — *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time	3.05	4.00	4.91	6.69	8.45	10.23	10.23	3 / 6	
reaction time	0.151	interval		0.95	0.91	1.78	1.76	1.78	# of strides	4.00	2.69
wind	-0.3 m/s	velocity	6.56	10.53	10.99	11.24	11.36	11.24	9.78	7.50	11.15

FINAL - 2007 IAAF World Championships (Osaka, JPN) — *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	26-Aug-07	time	2.07	3.10	4.04	4.92	5.79	6.64	7.50	8.35	9.21	10.08	10.08	8 / 5			
reaction time	0.180	interval		1.03	0.94	0.88	0.87	0.85	0.86	0.85	0.86	0.87		# of strides	4.04	2.60	2.57
wind	-0.5 m/s	velocity	4.83	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	9.92	47.0	7.43	11.54	11.67

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN) — *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	26-Aug-07	time	1.97	3.04	3.99	4.90	5.78	6.65	7.51	8.38	9.26	10.15	10.15	6 / 3			
reaction time	0.182	interval		1.07	0.95	0.91	0.88	0.87	0.86	0.87	0.88	0.89		# of strides	3.99	2.66	2.61
wind	0.1 m/s	velocity	5.08	9.35	10.53	10.99	11.36	11.49	11.63	11.49	11.36	11.24	9.85	47.2	7.52	11.28	11.49

Quarter-Final 3 - 2007 IAAF World Championships (Osaka, JPN) — *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.96	2.99	3.94	4.84	5.72	6.58	7.45	8.31	9.19	10.10	10.10	4 / 1			
reaction time	0.141	interval		1.03	0.95	0.90	0.88	0.86	0.87	0.86	0.88	0.91		# of strides	3.94	2.64	2.61
wind	-0.6 m/s	velocity	5.10	9.71	10.53	11.11	11.36	11.63	11.49	11.63	11.36	10.99	9.90	47.0	7.61	11.36	11.49

Martineau, Eugène (NED) (1980)

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

			10m	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
date	19-Aug-09	time		3.18		5.21		7.18		9.15		11.18	11.18	6 / =5			
reaction time	0.124	interval				2.03		1.97		1.97		2.03		# of strides			
wind	-0.3 m/s	velocity		6.29		9.85		10.15		10.15		9.85	8.94				

Maruyama, Yuma (JPN) (1998)

Decathlon - Heat 2 - 2024 Japanese National Multi-Event Championships (Gifu, JPN) — *Matsubayashi (2025) - performance analysis of decathlon athletes in the 2024 season*

			10m	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
date	22-Jun-24	time	1.99	3.13	4.15	5.13	6.09	7.06	8.03	9.01	10.00	11.00	11.00	8 / 6			
reaction time		interval		1.14	1.02	0.98	0.96	0.97	0.97	0.98	0.99	1.00		# of strides	4.15	2.91	2.94
wind	0.2 m/s	velocity	5.03	8.77	9.80	10.20	10.42	10.31	10.31	10.20	10.10	10.00	9.09		7.23	10.31	10.20

Decathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN) — *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

date	25-Aug-23	time	1.97	3.10	4.12	5.10	6.06	7.01	7.96	8.92	9.90	10.90	10.90	2 / 8			
reaction time	0.144	interval		1.13	1.02	0.98	0.96	0.95	0.95	0.96	0.98	1.00		# of strides	4.12	2.89	2.89
wind	0.1 m/s	velocity	5.08	8.85	9.80	10.20	10.42	10.53	10.53	10.42	10.20	10.00	9.17		7.28	10.38	10.38

Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championsips (Akita, JPN) — *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

date	10-Jun-23	time	1.98	3.09	4.13	5.10	6.06	7.01	7.97	8.93	9.91	10.90	10.90	6 / 3			
reaction time		interval		1.11	1.04	0.97	0.96	0.95	0.96	0.96	0.98	0.99		# of strides	4.13	2.88	2.90
wind	0.1 m/s	velocity	5.05	9.01	9.62	10.31	10.42	10.53	10.42	10.42	10.20	10.10	9.17		7.26	10.42	10.34

Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN) — *Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*

date	30-Apr-22	time	1.98	3.13	4.16	5.15	6.12	7.08	8.04	9.01	10.00	11.01	11.01	9 / 2			
reaction time	0.130	interval		1.15	1.03	0.99	0.97	0.96	0.96	0.97	0.99	1.01		# of strides	4.16	2.92	2.92
wind	-0.2 m/s	velocity	5.05	8.70	9.71	10.10	10.31	10.42	10.42	10.31	10.10	9.90	9.08		7.21	10.27	10.27

Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN) — *Matsubayashi (2019) - research athlete performance technique- 2019 databook*

date	08-Jun-19	time	1.97	3.10	4.13	5.12	6.09	7.05	8.01	8.98	9.95	10.94	10.94	4 / 2			
reaction time		interval		1.13	1.03	0.99	0.97	0.96	0.96	0.97	0.97	0.99		# of strides	4.13	2.92	2.90
wind	0.0 m/s	velocity	5.08	8.85	9.71	10.10	10.31	10.42	10.42	10.31	10.31	10.10	9.14		7.26	10.27	10.34

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

date	16-Jun-18	time	1.97	3.08	4.10	5.07	6.01	6.96	7.90	8.85	9.82	10.80	10.80	2 / 3		
reaction time		interval		1.11	1.02	0.97	0.94	0.95	0.94	0.95	0.97	0.98	PB	# of strides	4.10	2.86	2.86
wind	1.4 m/s	velocity	5.08	9.01	9.80	10.31	10.64	10.53	10.64	10.53	10.31	10.20	9.26		7.32	10.49	10.49

Maslák, Pavel (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time	1.96	3.00	3.99	4.91	5.82	6.70	7.59	8.50	9.42	10.36	10.36	3 / 2		
reaction time	0.156	interval		1.04	0.99	0.92	0.91	0.88	0.89	0.91	0.92	0.94	PB	# of strides	3.99	2.71	2.72
wind	0.8 m/s	velocity	5.10	9.62	10.10	10.87	10.99	11.36	11.24	10.99	10.87	10.64	9.65		7.52	11.07	11.03

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

date	15-Jun-13	time		3.06		4.99		6.83		8.70		10.64	10.64	4 / 1		
reaction time	0.159	interval				1.93		1.84		1.87		1.94		# of strides			
wind	-3.2 m/s	velocity		6.54		10.36		10.87		10.70		10.31	9.40				

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.91	3.03	4.00	4.93	5.85	6.77					6.77	5 / 2		
reaction time	0.145	interval		1.12	0.97	0.93	0.92	0.92						# of strides	4.00	2.77	
		velocity	5.24	8.93	10.31	10.75	10.87	10.87					8.86		7.50	10.83	

Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.93	3.03	4.05	4.97	5.89	6.82					6.82	4 / 1		
reaction time	0.143	interval		1.10	1.02	0.92	0.92	0.93						# of strides	4.05	2.77	
		velocity	5.18	9.09	9.80	10.87	10.87	10.75					8.80		7.41	10.83	

Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.95	3.09	4.05	4.98	5.91	6.84					6.84	5 / 1		
reaction time	0.162	interval		1.14	0.96	0.93	0.93	0.93						# of strides	4.05	2.79	
		velocity	5.13	8.77	10.42	10.75	10.75	10.75					8.77		7.41	10.75	

Masoud, Abdullah Othman (QAT) (2006

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT) *Omega Timing (2025) - diamond league race analysis*

date	16-May-25	time	1.87	2.94	3.90	4.81	5.71	6.60	7.49	8.38	9.29	10.30	10.30	3 / 2		
reaction time	0.159	interval		1.07	0.96	0.91	0.90	0.89	0.89	0.89	0.91	1.01	PB	# of strides	3.90	2.70	2.69
wind	1.1 m/s	velocity	5.35	9.35	10.42	10.99	11.11	11.24	11.24	11.24	10.99	9.90	9.71		7.69	11.11	11.15

Masuda, Kengo (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	30-Jul-15	time			4.02	4.97	5.97	6.89	7.83	8.77	9.75	10.73	10.73	/ 7		
reaction time		interval				0.95	1.00	0.92	0.94	0.94	0.98	0.98		# of strides	4.02	2.87	2.86
wind	-0.8 m/s	velocity			7.46	10.53	10.00	10.87	10.64	10.64	10.20	10.20	9.32		7.46	10.45	10.49

Maswanganyi, Shaun (RSA) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	04-Aug-24	time	1.90	2.94	3.88	4.77	5.65	6.51	7.39	8.26	9.14	10.02	10.02	9 / 5		
reaction time	0.150	interval		1.04	0.94	0.89	0.88	0.86	0.88	0.87	0.88	0.88		# of strides	3.88	2.63	2.63
wind	0.7 m/s	velocity	5.26	9.62	10.64	11.24	11.36	11.63	11.36	11.49	11.36	11.36	9.98	42.7	7.73	11.41	11.41

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

date	03-Aug-24	time	1.89	2.94	3.88	4.76	5.63	6.49	7.38	8.27	9.16	10.06	10.06	4 / 3		
reaction time	0.142	interval		1.05	0.94	0.88	0.87	0.86	0.89	0.89	0.89	0.90		# of strides	3.88	2.61	2.67
wind	-0.2 m/s	velocity	5.29	9.52	10.64	11.36	11.49	11.63	11.24	11.24	11.24	11.11	9.94	42.2	7.73	11.49	11.24

Masztak, Kamil (POL) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.01			6.79		8.63		10.54	10.54	/ 2		
reaction time		interval						2.78		1.84		1.91		# of strides	4.01	2.78	
wind	1.4 m/s	velocity			7.48			10.79		10.87		10.47	9.49		7.48	10.79	

Matadi, Emmanuel (LBR) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	04-Aug-24	time	1.93	2.99	3.94	4.85	5.73	6.62	7.50	8.39	9.28	10.18	10.18	2 / 8		
reaction time	0.143	interval		1.06	0.95	0.91	0.88	0.89	0.88	0.89	0.89	0.90		# of strides	3.94	2.68	2.66
wind	0.0 m/s	velocity	5.18	9.43	10.53	10.99	11.36	11.24	11.36	11.24	11.24	11.11	9.82	45.0	7.61	11.19	11.28

Heat 7 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.93	2.99	3.92	4.81	5.69	6.56	7.42	8.29	9.19	10.08	10.08	4 / 4		
reaction time	0.157	interval		1.06	0.93	0.89	0.88	0.87	0.86	0.87	0.90	0.89		# of strides	3.92	2.64	2.63
wind	0.3 m/s	velocity	5.18	9.43	10.75	11.24	11.36	11.49	11.63	11.49	11.11	11.24	9.92	44.2	7.65	11.36	11.41

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) *Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time	3.0		4.9		6.6		8.4		10.16	10.16	7 / 3			
reaction time	0.146	interval			1.90		1.70		1.80		1.76		# of strides			
wind	-0.1 m/s	velocity	6.67		10.53		11.76		11.11		11.36	9.84	46.2			

Mathis, Jerry (USA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.04	3.22	4.24	5.21	6.14	7.04	7.96	8.89	9.83	10.78	10.78	9 / 7			
reaction time	interval		1.18	1.02	0.97	0.93	0.90	0.92	0.93	0.94	0.95		# of strides	4.24	2.80	2.79
wind 0.0 m/s	velocity	4.90	8.47	9.80	10.31	10.75	11.11	10.87	10.75	10.64	10.53	9.28		7.08	10.71	10.75

Matsenjwa, Sibusiso (SWZ) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	2.04	3.14	4.10	5.02	5.91	6.80	7.70	8.59	9.51	10.39	10.39	7 / 8			
reaction time 0.172	interval		1.10	0.96	0.92	0.89	0.89	0.90	0.89	0.92	0.88		# of strides	4.10	2.70	2.71
wind 0.6 m/s	velocity	4.90	9.09	10.42	10.87	11.24	11.24	11.11	11.24	10.87	11.36	9.62	46.0	7.32	11.11	11.07
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.97	3.07	4.04	4.97	5.86	6.76	7.66	8.56	9.47	10.39	10.39	4 / 2			
reaction time 0.160	interval		1.10	0.97	0.93	0.89	0.90	0.90	0.90	0.91	0.92		# of strides	4.04	2.72	2.71
wind -0.3 m/s	velocity	5.08	9.09	10.31	10.75	11.24	11.11	11.11	11.11	10.99	10.87	9.62	46.0	7.43	11.03	11.07

Matsubara, Yahiro (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)												*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*			
date 03-Aug-18	time	1.99	3.11	4.12	5.09	6.06	7.04	8.07	9.17	10.39	11.82	11.82	9 / 8			
reaction time	interval		1.12	1.01	0.97	0.97	0.98	1.03	1.10	1.22	1.43		# of strides	4.12	2.92	3.35
wind -0.3 m/s	velocity	5.03	8.93	9.90	10.31	10.31	10.20	9.71	9.09	8.20	6.99	8.46		7.28	10.27	8.96

Matsunao, Tsubasa (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 25-May-19	time		4.13			7.04			9.97	11.04	11.04	5 / 3			
reaction time	interval					2.91			2.93	1.07		# of strides	4.13	2.91	2.93
wind 1.3 m/s	velocity		7.26			10.31			10.24	9.35	9.06	53.0	7.26	10.31	10.24

Matsuo, Ryuga (JPN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 05-Oct-19	time		3.97		5.79					10.40	10.40	5 / 2			
reaction time 0.144	interval				1.82					4.61		# of strides	3.97		
wind -0.1 m/s	velocity		7.56		3.45					10.85	9.62	47.7	7.56		

Matsuo, Takamasa (JPN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Japanese High School Championships (Okayama, JPN)												*Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-16	time	2.95	4.01	4.97	5.91	6.87	7.82	8.77		10.72	10.72	/ 2			
reaction time 0.129	interval		1.06	0.96	0.94	0.96	0.95	0.95		1.95		# of strides	4.01	2.86	
wind 3.0 m/s	velocity	6.78	9.43	10.42	10.64	10.42	10.53	10.53		10.26	9.33		7.48	10.49	

Mayhugh, Nicholas (USA) (1995) (T38)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23	time	2.11	3.28	4.36	5.40	6.43	7.47	8.55	9.64	10.76	11.90	11.90	7 / 7			
reaction time 0.173	interval		1.17	1.08	1.04	1.03	1.04	1.08	1.09	1.12	1.14		# of strides	4.36	3.11	3.29
wind 0.0 m/s	velocity	4.74	8.55	9.26	9.62	9.71	9.62	9.26	9.17	8.93	8.77	8.40	49.2	6.88	9.65	9.12

Mbandjock, Martial (FRA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 16-Aug-09	time		3.06	4.01	4.92		6.69		8.41		10.18	10.18	1 / 6			
reaction time 0.138	interval			0.95	0.91		1.77		1.72		1.77		# of strides	4.01	2.68	
wind 0.2 m/s	velocity		6.54	10.53	10.99		11.30		11.63		11.30	9.82	43.5	7.48	11.19	
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.06	4.02	4.93		6.72		8.44		10.22	10.22	5 / 3			
reaction time 0.150	interval			0.96	0.91		1.79		1.72		1.78		# of strides	4.02	2.70	
wind -0.7 m/s	velocity		6.54	10.42	10.99		11.17		11.63		11.24	9.78		7.46	11.11	
Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.08	4.03	4.94		6.73		8.48		10.28	10.28	8 / 1			
reaction time 0.156	interval			0.95	0.91		1.79		1.75		1.80		# of strides	4.03	2.70	
wind -0.4 m/s	velocity		6.49	10.53	10.99		11.17		11.43		11.11	9.73		7.44	11.11	
FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time		3.06	4.01	4.92		6.68		8.44		10.22	10.22	/ 6			
reaction time 0.151	interval			0.95	0.91		1.76		1.76		1.78		# of strides	4.01	2.67	
wind 1.4 m/s	velocity		6.54	10.53	10.99		11.36		11.36		11.24	9.78		7.48	11.24	

McCoy, Wanya (RAH) (2003)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.97	2.99	3.96	4.86	5.76	6.63	7.55	8.44	9.33	10.24	10.24	2 / 5			
reaction time	0.157	interval		1.02	0.97	0.90	0.90	0.87	0.92	0.89	0.89	0.91		# of strides	3.96	2.67	2.70
wind	-1.1 m/s	velocity	5.08	9.80	10.31	11.11	11.11	11.49	10.87	11.24	11.24	10.99	9.77	43.2	7.58	11.24	11.11

McDaniel, Otis (USA) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)														*USATF Women's Sprint Development (2005)*			
date	23-Jun-05	time	2.05	3.16	4.19	5.17	6.16	7.11	8.03	9.00	10.03	11.11	11.11	7 / 9			
reaction time		interval		1.11	1.03	0.98	0.99	0.95	0.92	0.97	1.03	1.08		# of strides	4.19	2.92	2.92
wind	-0.4 m/s	velocity	4.88	9.01	9.71	10.20	10.10	10.53	10.87	10.31	9.71	9.26	9.00		7.16	10.27	10.27

McKenzie, Gordon (USA) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
date	22-Jun-06	time	1.97	3.02	3.99	4.89	5.76	6.64	7.54	8.44	9.40	10.30	10.30	7 / 2			
reaction time		interval		1.05	0.97	0.90	0.87	0.88	0.90	0.90	0.96	0.90	PB	# of strides	3.99	2.65	2.76
wind	1.5 m/s	velocity	5.08	9.52	10.31	11.11	11.49	11.36	11.11	11.11	10.42	11.11	9.71		7.52	11.32	10.87

McRae, Lee (USA) (1966)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA)														*Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*			
date	30-Aug-87	time	1.92	2.98	3.94	4.87	5.77	6.66	7.58	8.50	9.42	10.34	10.34	7 / ~~7~~ 6			
reaction time	0.225	interval		1.06	0.96	0.93	0.90	0.89	0.92	0.92	0.92	0.92		# of strides	3.94	2.72	2.76
wind	1.0 m/s	velocity	5.21	9.43	10.42	10.75	11.11	11.24	10.87	10.87	10.87	10.87	9.67	46.6	7.61	11.03	10.87
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)														*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date	30-Aug-87	time			3.95			6.69				10.37	10.37	3 / ~~4~~ 3			
reaction time		interval						2.74				3.68		# of strides	3.95	2.74	
wind	-0.3 m/s	velocity			7.59			10.95				10.87	9.64	48.0	7.59	10.95	
Quarter-Final 3 - 1987 IAAF World Championships (Rome, ITA)														*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date	29-Aug-87	time			3.89			6.59				10.21	10.21	3 / 2			
reaction time		interval						2.70				3.62		# of strides	3.89	2.70	
wind	-0.1 m/s	velocity			7.71			11.11				11.05	9.79	47.5	7.71	11.11	
Heat 2 - 1987 IAAF World Championships (Rome, ITA)														*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date	29-Aug-87	time			3.92			6.67				10.34	10.34	/ 4			
reaction time		interval						2.75				3.67		# of strides	3.92	2.75	
wind	1.3 m/s	velocity			7.65			10.91				10.90	9.67		7.65	10.91	

Meerits, Teet (EST) (1989)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)														*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date	21-Jul-06	time			4.06			7.07		9.00		11.00	11.00	/ 4			
reaction time		interval						3.01		1.93		2.00		# of strides	4.06	3.01	
wind	0.6 m/s	velocity			7.39			9.97		10.36		10.00	9.09		7.39	9.97	

Meité, Ben Youssef (CIV) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.04	4.00	4.92		6.75		8.55		10.41	10.41	8 / 4			
reaction time	0.163	interval			0.96	0.92		1.83		1.80		1.86		# of strides	4.00	2.75	
wind	-0.1 m/s	velocity		6.58	10.42	10.87		10.93		11.11		10.75	9.61		7.50	10.91	

Meité, Ibraham (CIV) (1976)

			10m	20m	30m	40m	50m	60m					Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 International French Championships (Bercy, FRA)														*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date	10-Feb-96	time	1.89	2.94	3.90	4.81	5.70	6.61					6.61	/ 1			
reaction time		interval		1.05	0.96	0.91	0.89	0.91						# of strides	3.90	2.71	
		velocity	5.29	9.52	10.42	10.99	11.24	10.99					9.08		7.69	11.07	
Heat 2 - 1996 International French Championships (Bercy, FRA)														*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date	10-Feb-96	time	1.87	2.94	3.88	4.80	5.70	6.62					6.62	/ 1			
reaction time		interval		1.07	0.94	0.92	0.90	0.92						# of strides	3.88	2.74	
		velocity	5.35	9.35	10.64	10.87	11.11	10.87					9.06		7.73	10.95	

Ménal, Alex (FRA) (1972)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 1 - 2001 European Cup (Bremen, GER)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	23-Jun-01	time		3.05	4.05	5.00		6.88		8.76		10.71	10.71	/ 7			
reaction time	0.128	interval			1.00	0.95		1.88		1.88		1.95		# of strides	4.05	2.83	
wind	0.6 m/s	velocity		6.56	10.00	10.53		10.64		10.64		10.26	9.34		7.41	10.60	

Menchini, Marco (ITA) (1968)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 Italian National Championships (Naples, ITA)														*Locatelli (2000) - the mechanics and energetics of the 100m sprint*			
date	04-Jul-94	time	1.88	3.04	4.03	4.97	5.92	6.86				10.63	10.63				
reaction time		interval		1.16	0.99	0.94	0.95	0.94				3.77		# of strides	4.03	2.83	

wind	1.0 m/s	velocity	5.32	8.62	10.10	10.64	10.53	10.64			10.61	9.41		7.44	10.60	

Meng Desheng (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.10	3.20	4.20	5.16	6.12	7.06	8.01	8.96	9.93	10.89	10.89	4 / 1			
reaction time 0.195 interval		1.10	1.00	0.96	0.96	0.94	0.95	0.95	0.97	0.96		# of strides	4.20	2.86	2.87
wind -0.1 m/s velocity	4.76	9.09	10.00	10.42	10.42	10.64	10.53	10.53	10.31	10.42	9.18	48.7	7.14	10.49	10.45

Meshoe, Tshegofatso (RSA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.12	4.13	5.08		6.96		8.86		10.75	10.75	/ 8			
reaction time 0.164 interval			1.01	0.95		1.88		1.90		1.89		# of strides	4.13	2.83	
wind 1.5 m/s velocity		6.41	9.90	10.53		10.64		10.53		10.58	9.30		7.26	10.60	

Mesipuu, Maido (EST) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)												*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date 21-Jul-06 time			4.03			6.91		8.85		10.93	10.93	/ 3			
reaction time interval						2.88		1.94		2.08		# of strides	4.03	2.88	
wind 0.6 m/s velocity			7.44			10.42		10.31		9.62	9.15		7.44	10.42	

Metu, Obinna (NGR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		2.96	3.93	4.86		6.70		8.49		10.36	10.36	7 / 6			
reaction time 0.118 interval			0.97	0.93		1.84		1.79		1.87		# of strides	3.93	2.77	
wind 0.1 m/s velocity		6.76	10.31	10.75		10.87		11.17		10.70	9.65		7.63	10.83	
Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09 time		3.00	3.97	4.89		6.72		8.52		10.38	10.38	6 / 2			
reaction time 0.124 interval			0.97	0.92		1.83		1.80		1.86		# of strides	3.97	2.75	
wind -0.4 m/s velocity		6.67	10.31	10.87		10.93		11.11		10.75	9.63		7.56	10.91	

Meyerdierks, Eddy (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15 time						7.25		9.32		11.41	11.41	7 / 7			
reaction time interval								2.07		2.09		# of strides			
wind 0.9 m/s velocity						8.28		9.66		9.57	8.76				

Mezihorak, Jiri (TCH) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91 time			4.02			6.84		8.75		10.72	10.72	/ 8			
reaction time interval						2.82		1.91		1.97		# of strides	4.02	2.82	
wind 0.5 m/s velocity			7.46			10.64		10.47		10.15	9.33		7.46	10.64	

Mi Hong (CHN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												*Jiang (2019) - data analysis of men's sprint finals in the world championships trials*			
date 02-Aug-19 time	1.93	2.98	3.95	4.88	5.81	6.72	7.65	8.58	9.52	10.51	10.51	1 / 8			
reaction time interval		1.05	0.97	0.93	0.93	0.91	0.93	0.93	0.94	0.99		# of strides	3.95	2.77	2.80
wind 0.1 m/s velocity	5.18	9.52	10.31	10.75	10.75	10.99	10.75	10.75	10.64	10.10	9.51	47.2	7.59	10.83	10.71
FINAL - 2017 Chinese National Games (Tianjin, CHN)												*Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*			
date 03-Sep-17 time	1.92	3.00	3.97	4.93	5.85	6.75	7.87	8.60	9.54	10.49	10.49	8 / 8			
reaction time 0.13 interval		1.08	0.97	0.96	0.92	0.90	1.12	0.73	0.94	0.95		# of strides	3.97	2.78	2.79
wind 0.3 m/s velocity	5.21	9.26	10.31	10.42	10.87	11.11	8.93	13.70	10.64	10.53	9.53	46.4	7.56	10.79	10.75

Michel, Andreas (GER) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10 time		3.17	4.19	5.16		7.07		9.00		11.00	11.00	/ 8			
reaction time interval			1.02	0.97		1.91		1.93		2.00		# of strides	4.19	2.88	
wind 0.5 m/s velocity		6.31	9.80	10.31		10.47		10.36		10.00	9.09		7.16	10.42	
Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10 time		3.16	4.16	5.11		7.00		8.93		10.90	10.90	/ 3			
reaction time interval			1.00	0.95		1.89		1.93		1.97		# of strides	4.16	2.84	
wind -0.4 m/s velocity		6.33	10.00	10.53		10.58		10.36		10.15	9.17		7.21	10.56	

Mihara, Rikuo (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22 time			4.15			7.20			10.23	11.29	11.29	9 / 8			
reaction time interval						3.05			3.03	1.06		# of strides	4.15	3.05	3.03
wind -1.8 m/s velocity			7.23			9.84			9.90	9.43	8.86	52.2	7.23	9.84	9.90

Miller, Coby (USA) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.96	2.97	3.90	4.78	5.62	6.50	7.35	8.20	9.08	9.99	9.99	7 / 4		
reaction time	0.152	interval		1.01	0.93	0.88	0.84	0.88	0.85	0.85	0.88	0.91		# of strides	3.90	2.60	2.58
wind	0.0 m/s	velocity	5.10	9.90	10.75	11.36	11.90	11.36	11.76	11.76	11.36	10.99	10.01	46.5	7.69	11.54	11.63

Miller, Lennox (JAM) (1946)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1972 Olympic Games (Munich, FRG) *Breizer (1984) - sprint competition analysis*

date	01-Sep-72	time			4.01			6.67		8.48		10.33	10.33	5 /3			
reaction time		interval						2.66		1.81		1.85		# of strides	4.01	2.66	
wind	0.3 m/s	velocity			7.48			11.28		11.05		10.81	9.68	46.5	7.48	11.28	

Milo, Lukáš (CZE) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time		3.06		5.03		6.93		8.90		10.95	10.95	6 / 3			
reaction time	0.124	interval				1.97		1.90		1.97		2.05		# of strides			
wind	-3.2 m/s	velocity		6.54		10.15		10.53		10.15		9.76	9.13				

Minamiyama, Yoshiki (JPN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time			3.97		5.84				10.54	10.54	8 / 6				
reaction time	0.132	interval					1.87				4.70		# of strides	3.97			
wind	-0.1 m/s	velocity			7.56		3.42				10.64	9.49	50.0	7.56			

Minarík, Pavel (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.28		5.47		7.63		9.76		11.99	11.99	8 / 6			
reaction time	0.176	interval				2.19		2.16		2.13		2.23		# of strides			
wind	-3.9 m/s	velocity		6.10		9.13		9.26		9.39		8.97	8.34				

Mitchell, Curtis (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 USATF National Junior Championsips (Columbus, OH) *USATF Women's Sprint Development with HPC (2008)*

date	20-Jun-08	time	2.04	3.10	4.13	5.05	5.93	6.84	7.75	8.65	9.56	10.54	10.54	8 / 6			
reaction time		interval		1.06	1.03	0.92	0.88	0.91	0.91	0.90	0.91	0.98		# of strides	4.13	2.71	2.72
wind	1.1 m/s	velocity	4.90	9.43	9.71	10.87	11.36	10.99	10.99	11.11	10.99	10.20	9.49		7.26	11.07	11.03

Mitchell, Dennis (USA) (1966)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1996 Olympic Games (Atlanta, GA) *Grosser (2007) - Schnelligkeitsairtraining*

date	27-Jul-96	time	1.84	2.87	3.81	4.70	5.57	6.44	7.31	8.18	9.06	9.99	9.99	4 / 4			
reaction time	0.145	interval		1.03	0.94	0.89	0.87	0.87	0.87	0.87	0.88	0.93		# of strides	3.81	2.63	2.62
wind	0.7 m/s	velocity	5.43	9.71	10.64	11.24	11.49	11.49	11.49	11.49	11.36	10.75	10.01	45.7	7.87	11.41	11.45

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.83		3.80		5.53				8.93	9.92	9.92	5 / 1			
reaction time		interval			1.97		1.73				3.40	0.99		# of strides	3.80		
wind	1.1 m/s	velocity	5.46		10.15		11.56				11.76	10.10	10.08		7.89		

FINAL - 1993 IAAF World Championships (Stuttgart, GER) *Stein (1993) - verbesserung der schnelligkeit*

date	15-Aug-93	time			3.83			6.46		8.22		9.99	9.99	7 / 3			
reaction time	0.128	interval						2.63		1.76		1.77		# of strides	3.83	2.63	
wind	0.3 m/s	velocity			7.83			11.41		11.36		11.30	10.01	46.2	7.83	11.41	

FINAL - 1992 Olympic Games (Barcelona, ESP) *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		2.93		4.76		6.52		8.28		10.05	10.04	4 / 3			
reaction time	0.143	interval				1.83		1.76		1.76		1.77		# of strides			
wind	0.5 m/s	velocity		6.83		10.93		11.36		11.36		11.30	9.96	46.2			

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.80	2.87	3.80	4.68	5.55	6.42	7.28	8.14	9.02	9.91	9.91	6 / 3			
reaction time	0.090	interval		1.07	0.93	0.88	0.87	0.87	0.86	0.86	0.88	0.89	**PB**	# of strides	3.80	2.62	2.60
wind	1.2 m/s	velocity	5.56	9.35	10.75	11.36	11.49	11.49	11.63	11.63	11.36	11.24	10.09	47.0	7.89	11.45	11.54

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

date	24-Sep-88	time	1.92	2.97	3.93	4.83	5.69	6.54	7.41	8.28	9.16	10.04	10.04	8 / ~~5~~ 4			
reaction time	0.186	interval		1.05	0.96	0.90	0.86	0.85	0.87	0.87	0.88	0.88		# of strides	3.93	2.61	2.62
wind	1.1 m/s	velocity	5.21	9.52	10.42	11.11	11.63	11.76	11.49	11.49	11.36	11.36	9.96	45.7	7.63	11.49	11.45

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

date	24-Sep-88	time	1.91	2.95	3.88	4.79	5.70	6.59	7.49	8.40	9.31	10.23	10.23	5 / ~~3~~ 2			
reaction time		interval		1.04	0.93	0.91	0.91	0.89	0.90	0.91	0.91	0.92		# of strides	3.88	2.71	2.72
wind	-1.20 m/s	velocity	5.24	9.62	10.75	10.99	10.99	11.24	11.11	10.99	10.99	10.87	9.78		7.73	11.07	11.03

Mitchell-Blake, Nethaneel (GBR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time	3.0	5.0	6.8	8.7	11.10	11.10	6 / 8
reaction time		interval		2.00	1.80	1.90	2.40		# of strides
wind	-0.9 m/s	velocity	6.67	10.00	11.11	10.53	8.33	9.01	45.0

Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time	2.9	4.8	6.5	8.3	10.13	10.13	8 / 1
reaction time	0.154	interval		1.90	1.70	1.80	1.83		# of strides
wind	0.4 m/s	velocity	6.90	10.53	11.76	11.11	10.93	9.87	45.0

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) *Omega Timing (2022) - diamond league race analysis*

date	21-May-22	time	2.99	4.87	6.66	8.45	10.31	10.31	9 / 5
reaction time	0.154	interval		1.88	1.79	1.79	1.86		# of strides
wind	-0.2 m/s	velocity	6.69	10.64	11.17	11.17	10.75	9.70	45.2

Mittler, Fabian (GER) (1993)

FINAL - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 07-Aug-10	time	3.21	4.23	5.19						14.62	14.62	/ 7			
reaction time	interval		1.02	0.96						9.43		# of strides	4.23		
wind 0.0 m/s	velocity	6.23	9.80	10.42						6.36	6.84		7.09		

Semi-Final 3 - 2010 German National Youth Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 07-Aug-10	time	3.18	4.20	5.17		7.11		9.04		11.05	11.05	/ 2			
reaction time	interval		1.02	0.97		1.94		1.93		2.01		# of strides	4.20	2.91	
wind 0.0 m/s	velocity	6.29	9.80	10.31		10.31		10.36		9.95	9.05		7.14	10.31	

Miwa, Sota (JPN) (2002)

A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 24-Oct-20	time 1.95	3.04	4.02	4.95	5.87	6.78	7.69	8.61	9.54	10.48	10.48	4 / 1			
reaction time 0.173	interval	1.09	0.98	0.93	0.92	0.91	0.91	0.92	0.93	0.94		# of strides	4.02	2.76	2.76
wind 0.6 m/s	velocity 5.13	9.17	10.20	10.75	10.87	10.99	10.99	10.87	10.75	10.64	9.54	47.5	7.46	10.87	10.87

Heat 5 - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 24-Oct-20	time 1.93	3.01	3.98	4.90	5.80	6.70	7.60	8.51	9.44	10.39	10.39	5 / 1			
reaction time 0.160	interval	1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.98	2.72	2.74
wind 0.3 m/s	velocity 5.18	9.26	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.53	9.62	46.5	7.54	11.03	10.95

Heat 6 - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 01-Oct-20	time 1.93	3.02	4.00	4.93	5.85	6.75	7.66	8.58	9.51	10.45	10.45	3 / 2			
reaction time 0.146	interval	1.09	0.98	0.93	0.92	0.90	0.91	0.92	0.93	0.94		# of strides	4.00	2.75	2.76
wind 0.1 m/s	velocity 5.18	9.17	10.20	10.75	10.87	11.11	10.99	10.87	10.75	10.64	9.57	49.6	7.50	10.91	10.87

Miyagi, Tatsuro (JPN) (1997)

B FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 01-Sep-19	time 1.92	3.00	3.97	4.89	5.79	6.67	7.56	8.44	9.34	10.25	10.25	6 / 1			
reaction time	interval	1.08	0.97	0.92	0.90	0.88	0.89	0.88	0.90	0.91		# of strides	3.97	2.70	2.67
wind 0.9 m/s	velocity 5.21	9.26	10.31	10.87	11.11	11.36	11.24	11.36	11.11	10.99	9.76	49.0	7.56	11.11	11.24

Miyamoto, Daisuke (JPN) (1999)

Heat 4 - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 01-Oct-20	time 1.90	2.97	3.94	4.86	5.77	6.67	7.58	8.50	9.44	10.40	10.40	6 / 2			
reaction time 0.137	interval	1.07	0.97	0.92	0.91	0.90	0.91	0.92	0.94	0.96		# of strides	3.94	2.73	2.77
wind -0.3 m/s	velocity 5.26	9.35	10.31	10.87	10.99	11.11	10.99	10.87	10.64	10.42	9.62	52.5	7.61	10.99	10.83

A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 29-Apr-18	time 1.88	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.40	10.35	10.35	3 / 4			
reaction time	interval	1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.95		# of strides	3.91	2.73	2.76
wind 1.3 m/s	velocity 5.32	9.35	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.53	9.66	49.4	7.67	10.99	10.87

FINAL - 2017 Japanese High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-17	time	3.92	6.69	9.53	10.51	10.51	5 / 1	
reaction time	0.122	interval		2.77	2.84	0.98		# of strides	3.92	2.77	2.84
wind	-2.0 m/s	velocity	7.65	10.83	10.56	10.20	9.51		7.65	10.83	10.56

Semi-Final 1 - 2017 Japanese National Championships (Osaka, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 23-Jun-17	time 1.88	2.94	3.90	4.82	5.72	6.63	7.55	8.48	9.44	10.42	10.42	/ 8			
reaction time 0.133	interval	1.06	0.96	0.92	0.90	0.91	0.92	0.93	0.96	0.98		# of strides	3.90	2.73	2.81
wind -0.2 m/s	velocity 5.32	9.43	10.42	10.87	11.11	10.99	10.87	10.75	10.42	10.20	9.60	49.9	7.69	10.99	10.68

FINAL - 2016 Japanese High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 30-Jul-16	time 2.90	3.94	4.90	5.83	6.74	7.69	8.65			10.61	10.61	/ 1			
reaction time 0.138	interval	1.04	0.96	0.93	0.91	0.95	0.96			1.96		# of strides	3.94	2.80	

wind	3.0 m/s	velocity	6.90	9.62	10.42	10.75	10.99	10.53	10.42		10.20	9.43		7.61	10.71	

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

date	30-Jul-15	time		4.03	4.97	5.97	6.86	7.78	8.72	9.70	10.70	10.70	/ 6			
reaction time		interval			0.94	1.00	0.89	0.92	0.94	0.98	1.00		# of strides	4.03	2.83	2.84
wind	-0.8 m/s	velocity		7.44	10.64	10.00	11.24	10.87	10.64	10.20	10.00	9.35		7.44	10.60	10.56

Miyauchi, Kazuya (JPN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)														*Kobayashi (2020) - national high school and U20 national championhsips*			
date	24-Oct-20	time	1.93	3.04	4.04	5.01	5.96	6.90	7.85	8.82	9.80	10.81	10.81	8 / 4			
reaction time	0.167	interval		1.11	1.00	0.97	0.95	0.94	0.95	0.97	0.98	1.01		# of strides	4.04	2.86	2.90
wind	-2.4 m/s	velocity	5.18	9.01	10.00	10.31	10.53	10.64	10.53	10.31	10.20	9.90	9.25	52.3	7.43	10.49	10.34

Heat 3 - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.93	3.04	4.05	5.02	5.97	6.92	7.87	8.83	9.81	10.81	10.81	3 / 2			
reaction time	0.163	interval		1.11	1.01	0.97	0.95	0.95	0.95	0.96	0.98	1.00		# of strides	4.05	2.87	2.89
wind	-1.5 m/s	velocity	5.18	9.01	9.90	10.31	10.53	10.53	10.53	10.42	10.20	10.00	9.25	52.2	7.41	10.45	10.38

U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.06		5.98					10.90	10.90	7 / 6			
reaction time	0.156	interval					1.92					4.92		# of strides	4.06		
wind	-2.3 m/s	velocity			7.39		3.34					10.16	9.17		7.39		

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.94	3.02	3.99	4.92	5.83	6.74	7.66	8.59	9.54	10.52	10.52	/ 7			
reaction time		interval		1.08	0.97	0.93	0.91	0.91	0.92	0.93	0.95	0.98		# of strides	3.99	2.75	2.80
wind	2.9 m/s	velocity	5.15	9.26	10.31	10.75	10.99	10.99	10.87	10.75	10.53	10.20	9.51		7.52	10.91	10.71

Miyauchi, Kosei (JPN) (1992)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)														*Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-10	time	1.93	3.03		5.04	6.01	6.98	7.97	8.96	9.95	10.97	10.97	8 / 7			
reaction time		interval		1.10		2.01	0.97	0.97	0.99	0.99	0.99	1.02		# of strides			2.97
wind	-2.1 m/s	velocity	5.18	9.09		9.95	10.31	10.31	10.10	10.10	10.10	9.80	9.12				10.10

Miyazaki, Hisashi (JPN) (1981)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 1 - 2010 Japanese National Championships (Marugame, JPN)														*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*			
date	06-Jun-10	time	1.94	2.99	3.95	4.87	5.77	6.67	7.58	8.49	9.42	10.37	10.37	4 / 2			
reaction time	0.146	interval		1.05	0.96	0.92	0.90	0.90	0.91	0.91	0.93	0.95		# of strides	3.95	2.72	2.75
wind	1.2 m/s	velocity	5.15	9.52	10.42	10.87	11.11	11.11	10.99	10.99	10.75	10.53	9.64	46.1	7.59	11.03	10.91

Semi-Final ??? - 2010 East Japan Corporate Championships (Kumagaya, JPN) *Takagawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	15-May-10	time			3.96			6.68				10.37	10.37	???			
reaction time		interval						2.72				3.69		# of strides	3.96	2.72	
wind	???	velocity			7.58			11.03				10.84	9.64	46.1	7.58	11.03	

Miyazaki, Takashi (JPN) (1990)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)														*Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-08	time	1.94	3.00	3.97	4.91	5.84	6.77	7.72	8.69	9.66	10.65	10.65	/ 4			
reaction time		interval		1.06	0.97	0.94	0.93	0.93	0.95	0.97	0.97	0.99		# of strides	3.97	2.80	2.89
wind	-0.1 m/s	velocity	10.31	9.43	10.31	10.64	10.75	10.75	10.53	10.31	10.31	10.10	9.39		7.56	10.71	10.38

FINAL - 2007 Japanese National High School Championships (Saga, JPN) *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time		3.02	3.99	4.93	5.87	6.80	7.74	8.69	9.68	10.71	10.71	6 / 4			
reaction time		interval			0.97	0.94	0.94	0.93	0.94	0.95	0.99	1.03		# of strides	3.99	2.81	2.88
wind	0.7 m/s	velocity		6.62	10.31	10.64	10.64	10.75	10.64	10.53	10.10	9.71	9.34		7.52	10.68	10.42

Mizukubo, Soshi (JPN) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2020 Athlete Night Games (Fukui, JPN)														*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date	29-Aug-20	time	1.86	2.94	3.92	4.85	5.75	6.64	7.53	8.42	9.33	10.26	10.26	/ 2			
reaction time		interval		1.08	0.98	0.93	0.90	0.89	0.89	0.89	0.91	0.93		# of strides	3.92	2.72	2.69
wind	1.5 m/s	velocity	5.38	9.26	10.20	10.75	11.11	11.24	11.24	11.24	10.99	10.75	9.75	48.8	7.65	11.03	11.15

Semi-Final 2 - 2019 Japanese National Championships (Fukuoka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	27-Jun-19	time	1.87	2.95	3.92	4.85	5.76	6.67	7.57	8.48	9.41	10.36	10.36	8 / 6			
reaction time	0.126	interval		1.08	0.97	0.93	0.91	0.91	0.90	0.91	0.93	0.95	**PB**	# of strides	3.92	2.75	2.74
wind	0.1 m/s	velocity	5.35	9.26	10.31	10.75	10.99	10.99	11.11	10.99	10.75	10.53	9.65	47.7	7.65	10.91	10.95

Moen, Geir (NOR) (1969)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1997 European Cup (Munich, GER)														*Jung (2003) - http://www.fgs.uni-halle.de*			
date	21-Jun-97	time	1.94		3.96			6.61				10.18	10.18	/ 2			
reaction time		interval			2.02			2.65				3.57		# of strides	3.96	2.65	
wind	0.2 m/s	velocity	5.15		9.90			11.32				11.20	9.82		7.58	11.32	

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

FINAL - 1994 (Tønsberg, NOR) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	20-Jul-94	time	4.01		6.64		8.37		10.17	10.17	/ 1		
reaction time		interval			2.63		1.73		1.80	PB	# of strides	4.01	2.63
wind	1.8 m/s	velocity	7.48		11.41		11.56		11.11	9.83		7.48	11.41

Mogstad, Christian Settemsli (NOR) (19

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.07		6.86		8.70		10.62	10.62	7 / 1		
reaction time		interval					2.79		1.84		1.92		# of strides	4.07	2.79
wind	2.8 m/s	velocity			7.37		10.75		10.87		10.42	9.42		7.37	10.75

FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time			4.05		6.97		8.83		10.76	10.76	/ 7		
reaction time		interval					2.92		1.86		1.93		# of strides	4.05	2.92
wind	1.0 m/s	velocity			7.41		10.27		10.75		10.36	9.29		7.41	10.27

Mohammed, Abdullah Abkar (KSA) (19

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.85	2.92	3.88	4.78	5.67	6.54	7.42	8.30	9.19	10.10	10.10	3 / 4			
reaction time	0.112	interval		1.07	0.96	0.90	0.89	0.87	0.88	0.88	0.89	0.91		# of strides	3.88	2.66	2.65
wind	0.8 m/s	velocity	5.41	9.35	10.42	11.11	11.24	11.49	11.36	11.36	11.24	10.99	9.90	44.7	7.73	11.28	11.32

Money, Daniel (GBR) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL 1 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		2.99	3.97	4.91		6.76		8.60		10.51	10.51	/ 2			
reaction time	0.114	interval			0.98	0.94		1.85		1.84		1.91		# of strides	3.97	2.79	
wind	0.6 m/s	velocity		6.69	10.20	10.64		10.81		10.87		10.47	9.51		7.56	10.75	

Montgomery, Tim (USA) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.98	3.00	3.97	4.84	5.71	6.61	7.45	8.32	9.21	10.13	10.13	1 / ~~7~~			
reaction time	0.188	interval		1.02	0.97	0.87	0.87	0.90	0.84	0.87	0.89	0.92	DV	# of strides	3.97	2.64	2.60
wind	0.0 m/s	velocity	5.05	9.80	10.31	11.49	11.49	11.11	11.90	11.49	11.24	10.87	9.87	48.0	7.56	11.36	11.54

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

date	20-Jun-03	time	1.97	3.07	4.02	4.92	5.81	6.67	7.52	8.41	9.28	10.15	10.15	6 / ~~2~~			
reaction time		interval		1.10	0.95	0.90	0.89	0.86	0.85	0.89	0.87	0.87	DV	# of strides	4.02	2.65	2.61
wind	1.6 m/s	velocity	5.08	9.09	10.53	11.11	11.24	11.63	11.76	11.24	11.49	11.49	9.85		7.46	11.32	11.49

FINAL - 2002 IAAF Grand Prix Final (Paris, FRA) *Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)*

date	14-Sep-02	time	1.89	2.92	3.83	4.70	5.54	6.37	7.21	8.05	8.90	9.78	9.78	/ ~~1~~			
reaction time	0.104	interval		1.03	0.91	0.87	0.84	0.83	0.84	0.84	0.85	0.88	~~WR~~ DV	# of strides	3.83	2.54	2.53
wind	2.0 m/s	velocity	5.29	9.71	10.99	11.49	11.90	12.05	11.90	11.90	11.76	11.36	10.22	49.0	7.83	11.81	11.86

FINAL - 2001 IAAF World Championships (Edmonton, CAN) *Veney - split times from PJ*

date	05-Aug-01	time	1.86	2.88	3.83	4.73	5.59	6.44	7.28	8.13	8.98	9.85	9.85	3 / ~~2~~			
reaction time	0.157	interval		1.02	0.95	0.90	0.86	0.85	0.84	0.85	0.85	0.87	DV	# of strides	3.83	2.61	2.54
wind	-0.2 m/s	velocity	5.38	9.80	10.53	11.11	11.63	11.76	11.90	11.76	11.76	11.49	10.15	48.2	7.83	11.49	11.81

FINAL - 2000 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time		2.93	3.87	4.77		6.52				10.01	10.01	/ 3			
reaction time	0.162	interval			0.94	0.90		1.75				3.49		# of strides	3.87	2.65	
wind	-0.2 m/s	velocity		6.83	10.64	11.11		11.43				11.46	9.99		7.75	11.32	

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.76	2.80	3.73	4.62	5.51	6.37	7.24	8.12	9.01	9.90	10.04	8 / 6			
reaction time	0.136	interval		1.04	0.93	0.89	0.89	0.86	0.87	0.88	0.89	0.89		# of strides	3.73	2.64	2.64
wind	0.2 m/s	velocity	5.68	9.62	10.75	11.24	11.24	11.63	11.49	11.36	11.24	11.24	9.96		8.04	11.36	11.36

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

date	03-Aug-97	time	1.73	2.76	3.69	4.57	5.43	6.29	7.15	8.02	8.90	9.80	9.94	7 / 3			
reaction time	0.134	interval		1.03	0.93	0.88	0.86	0.86	0.86	0.87	0.88	0.90		# of strides	3.69	2.60	2.61
wind	0.2 m/s	velocity	5.78	9.71	10.75	11.36	11.63	11.63	11.63	11.49	11.36	11.11	10.06	47.9	8.13	11.54	11.49

FINAL - 1997 USATF Championships (Indianapolis, IN) *Track Newsletter (1997) - USATF National Championships*

date	13-Jun-97	time				5.56					9.92	9.92	/ 2		
reaction time		interval									4.36		# of strides		
wind	0.2 m/s	velocity				8.99					11.47	10.08			

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.93		3.91		5.66			9.20	10.12	10.12	1 / 7		

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

reaction time		interval			1.98		1.75				3.54	0.92		# of strides	3.91	
wind	1.1 m/s	velocity	5.18		10.10		11.43				11.30	10.87	9.88		7.67	

Moore, Carlos (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time			3.99		5.84	6.77				6.77	4 / 7			
reaction time 0.133	interval					1.85	0.93					# of strides	3.99	2.78	
	velocity			7.52		10.81	10.75				8.86	30.7	7.52	10.79	
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08	time	2.00	3.00	3.97	4.92	5.78	6.66	7.52	8.43	9.34	10.33	10.33	3 / 8			
reaction time	interval		1.00	0.97	0.95	0.86	0.88	0.86	0.91	0.91	0.99		# of strides	3.97	2.69	2.68
wind 0.8 m/s	velocity	5.00	10.00	10.31	10.53	11.63	11.36	11.63	10.99	10.99	10.10	9.68		7.56	11.15	11.19
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	1.98	3.00	3.97	4.91	5.81	6.70	7.59	8.54	9.45	10.38	10.38	4 / 1			
reaction time	interval		1.02	0.97	0.94	0.90	0.89	0.89	0.95	0.91	0.93		# of strides	3.97	2.73	2.75
wind 0.0 m/s	velocity	5.05	9.80	10.31	10.64	11.11	11.24	11.24	10.53	10.99	10.75	9.63		7.56	10.99	10.91

Moore, Marcellus (USA) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR)												*Track Newsletter (2021) - NCAA men's indoor championships*			
date 13-Mar-21	time			3.96			6.65				6.65	/ 6			
reaction time 0.160	interval						2.69				**=PB**	# of strides	3.96	2.69	
	velocity			7.58			11.15				9.02		7.58	11.15	

Moravec, Aleš (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.08	3.19	4.25	5.24	6.24	7.25	8.26	9.30	10.37	11.46	11.46	7 / 7			
reaction time 0.181	interval		1.11	1.06	0.99	1.00	1.01	1.01	1.04	1.07	1.09		# of strides	4.25	3.00	3.12
wind -2.1 m/s	velocity	4.81	9.01	9.43	10.10	10.00	9.90	9.90	9.62	9.35	9.17	8.73		7.06	10.00	9.62
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.20		5.25		7.26		9.29		11.43	11.43	3 / 3		
reaction time 0.175	interval				2.05		2.01		2.03		2.14		# of strides			
wind -2.7 m/s	velocity		6.25		9.76		9.95		9.85		9.35	8.75				

Moreira, Jose Carlos (BRA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 9 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time		3.04	4.01	4.94		6.79		8.62		10.55	10.55	4 / 5		
reaction time 0.176	interval			0.97	0.93		1.85		1.83		1.93		# of strides	4.01	2.78	
wind -0.5 m/s	velocity		6.58	10.31	10.75		10.81		10.93		10.36	9.48		7.48	10.79	
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time			3.96		5.79	6.70					6.70	6 / 5		
reaction time 0.168	interval					1.83	0.91						# of strides	3.96	2.74	
	velocity			7.58		10.93	10.99					8.96	29.0	7.58	10.95	

Morgan-Harrison, David (GBR) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24	time	1.93	3.00	3.97	4.88	5.79	6.68	7.58	8.50	9.42	10.36	10.36	8 / 6		
reaction time 0.176	interval		1.07	0.97	0.91	0.91	0.89	0.90	0.92	0.92	0.94		# of strides	3.97	2.71	2.74
wind 2.1 m/s	velocity	5.18	9.35	10.31	10.99	10.99	11.24	11.11	10.87	10.87	10.64	9.65		7.56	11.07	10.95

Mori, Yuhi (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
date 29-Jul-21	time	1.96	3.05	4.04	4.99	5.92	6.85	7.78	8.72	9.67	10.62	10.62	8 / 8		
reaction time 0.159	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.94	0.95	0.95		# of strides	4.04	2.81	2.82
wind 1.8 m/s	velocity	5.10	9.17	10.10	10.53	10.75	10.75	10.75	10.64	10.53	10.53	9.42		7.43	10.68	10.64

Morimoto, Kimihito (JPN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)												*Matsubayashi (2018) - research on athlete performance and technique*			
date 16-Jun-18	time	2.02	3.15	4.17	5.14	6.10	7.05	8.00	8.95	9.92	10.90	10.90	3 / 6		
reaction time	interval		1.13	1.02	0.97	0.96	0.95	0.95	0.95	0.97	0.98	**PB**	# of strides	4.17	2.88	2.87
wind 1.4 m/s	velocity	4.95	8.85	9.80	10.31	10.42	10.53	10.53	10.53	10.31	10.20	9.17		7.19	10.42	10.45

Morimoto, Tomoharu (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 25-May-19	time			4.17			7.07			10.03	11.12	11.12	3 / 7		
reaction time	interval						2.90			2.96	1.09		# of strides	4.17	2.90	2.96
wind 1.3 m/s	velocity			7.19			10.34			10.14	9.17	8.99	50.5	7.19	10.34	10.14

Morken, Håkon (NOR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time					7.14		9.08		10.99	10.99	6 / 2			
reaction time		interval							1.94		1.91		# of strides			
wind	0.9 m/s	velocity					8.40		10.31		10.47	9.10				

Morlu, Abraham (LBR) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			4.14							dnf	/ --			
reaction time	interval											# of strides	4.14		
wind 1.0 m/s	velocity			7.25									7.25		

Moseley, Ryan (AUT) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		3.99			6.74		8.54		10.43	10.43	/ 4			
reaction time	interval					2.75		1.80		1.89		# of strides	3.99	2.75	
wind 0.7 m/s	velocity		7.52			10.91		11.11		10.58	9.59		7.52	10.91	

Heat 6 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.01	3.99	4.92		6.70		8.64		10.58	10.58	1 / 4			
reaction time	0.141	interval		0.98	0.93		1.78		1.94		1.94		# of strides	3.99	2.71	
wind	-0.8 m/s	velocity	6.64	10.20	10.75		11.24		10.31		10.31	9.45		7.52	11.07	

Motoshio, Ryo (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2012 Kokutai National Sport Festival (Gifu, JPN)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date 06-Oct-12	time	1.91	2.97	3.92	4.84	5.74	6.64	7.54	8.45	9.37	10.31	10.31	4 / 1			
reaction time	interval		1.06	0.95	0.92	0.90	0.90	0.90	0.91	0.92	0.94	**PB**	# of strides	3.92	2.72	2.73
wind 1.4 m/s	velocity	5.24	9.43	10.53	10.87	11.11	11.11	11.11	10.99	10.87	10.64	9.70	45.2	7.65	11.03	10.99

FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN) *Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-08	time	1.98	3.03	3.99	4.92	5.83	6.74	7.67	8.60	9.53	10.49	10.49	/ 1			
reaction time		interval		1.05	0.96	0.93	0.91	0.91	0.93	0.93	0.93	0.96		# of strides	3.99	2.75	2.79
wind	-0.1 m/s	velocity	10.10	9.52	10.42	10.75	10.99	10.99	10.75	10.75	10.75	10.42	9.53		7.52	10.91	10.75

Motta, Oskar (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.27		6.23	7.18		9.11		11.10	11.10	2 / 7			
reaction time	interval				1.96	0.95		1.93		1.99		# of strides	4.27	2.91	
wind 1.5 m/s	velocity		7.03		10.20	10.53		10.36		10.05	9.01		7.03	10.31	

Mouhamadou, Fall (FRA) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Meeting de Paris (Paris, FRA)												*Omega Timing (2023) - diamond league race analysis*			
date 09-Jun-23	time	1.91	2.98	3.93	4.84	5.73	6.61	7.50	8.39	9.28	10.22	10.22	2 / 8			
reaction time 0.152	interval		1.07	0.95	0.91	0.89	0.88	0.89	0.89	0.89	0.94		# of strides	3.93	2.68	2.67
wind -0.9 m/s	velocity	5.24	9.35	10.53	10.99	11.24	11.36	11.24	11.24	11.24	10.64	9.78	45.5	7.63	11.19	11.24

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	2.00	3.06	4.01	4.92	5.80	6.69	7.56	8.44	9.33	10.25	10.25	2 / 8			
reaction time	0.136	interval		1.06	0.95	0.91	0.88	0.89	0.87	0.88	0.89	0.92		# of strides	4.01	2.68	2.64
wind	0.1 m/s	velocity	5.00	9.43	10.53	10.99	11.36	11.24	11.49	11.36	11.24	10.87	9.76	46.0	7.48	11.19	11.36

Mouthon, Bastien (SUI) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 07-May-16	time				5.88					10.46	10.46	/ 2			
reaction time	interval									4.58		# of strides			
wind 0.9 m/s	velocity				8.50					10.92	9.56				

Movin, Andreas (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time		4.25		6.24	7.22		9.21		11.27	11.27	5 / 1			
reaction time	interval				1.99	0.98		1.99		2.06		# of strides	4.25	2.97	
wind 1.2 m/s	velocity		7.06		10.05	10.20		10.05		9.71	8.87		7.06	10.10	

Mudiyanselage, Yupun Abeykoon (SRI)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Weltklasse (Zürich, SUI)												*Omega Timing (2021) - diamond league race analysis*			
date 09-Sep-21	time		3.0		4.9		6.7		8.4		10.25	10.25	1 / 9			
reaction time 0.120	interval				1.90		1.80		1.70		1.85		# of strides			
wind -0.4 m/s	velocity		6.67		10.53		11.11		11.76		10.81	9.76	43.2			

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) *Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.16	10.16	1 / 4			
reaction time	0.153	interval				1.90		1.70		1.80		1.76		# of strides			
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		11.36	9.84	43.5			

Muhammad, Amir (QAT) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)													*Omega Timing (2024) - diamond league race analysis*				
date	10-May-24	time	2.14	3.26	4.28	5.26	6.22	7.18	8.17	9.17	10.18	11.21	11.21	1 / 5			
reaction time	0.204	interval		1.12	1.02	0.98	0.96	0.96	0.99	1.00	1.01	1.03		# of strides	4.28	2.90	3.00
wind	3.8 m/s	velocity	4.67	8.93	9.80	10.20	10.42	10.42	10.10	10.00	9.90	9.71	8.92		7.01	10.34	10.00

Mukiibi, Simon (SWE) (1990)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
D FINAL - 2007 Windsprint (Sundsvall, SWE)													*(2007) - www.ssg.se/en/Windsprint/Split-times/*				
date	24-Jul-07	time			4.29			7.30		9.33		11.44	11.44	/ 3			
reaction time		interval						3.01		2.03		2.11		# of strides	4.29	3.01	
wind	-0.8 m/s	velocity			6.99			9.97		9.85		9.48	8.74		6.99	9.97	

Mulamba, Dominique Lasconi (COD) (2			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 8 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	1.98	3.06	4.02	4.96	5.88	6.79	7.70	8.62	9.56	10.53	10.53	8 / ~~7~~			
reaction time	0.163	interval		1.08	0.96	0.94	0.92	0.91	0.91	0.92	0.94	0.97	DV	# of strides	4.02	2.77	2.77
wind	0.2 m/s	velocity	5.05	9.26	10.42	10.64	10.87	10.99	10.99	10.87	10.64	10.31	9.50	47.0	7.46	10.83	10.83
Prelim 5 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	1.98	3.07	4.06	5.00	5.92	6.83	7.74	8.66	9.58	10.54	10.54	5 / ~~3~~			
reaction time	0.158	interval		1.09	0.99	0.94	0.92	0.91	0.91	0.92	0.92	0.96	DV	# of strides	4.06	2.77	2.75
wind	-0.4 m/s	velocity	5.05	9.17	10.10	10.64	10.87	10.99	10.99	10.87	10.87	10.42	9.49	47.0	7.39	10.83	10.91

Müller, Norman (GER) (1985)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	19-Aug-09	time		3.13		5.13		7.07		8.99		11.01	11.01	7 / 4			
reaction time	0.131	interval				2.00		1.94		1.92		2.02		# of strides			
wind	0.0 m/s	velocity		6.39		10.00		10.31		10.42		9.90	9.08				

Muravyov, Vyacheslav (KAZ) (1982)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 Asian Indoor Championships (Doha, QAT)													*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*				
date	14-Feb-08	time	1.97	3.08	4.04	4.97	5.88	6.79					6.79	3 / 3			
reaction time		interval		1.11	0.96	0.93	0.91	0.91						# of strides	4.04	2.75	
wind		velocity	5.08	9.01	10.42	10.75	10.99	10.99					8.84		7.43	10.91	

Murdock, Justin (USA) (1989)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 USATF National Junior Championsips (Columbus, OH)													*USATF Women's Sprint Development with HPC (2008)*				
date	20-Jun-08	time	1.97	3.05	3.97	4.91	5.80	6.70	7.62	8.54	9.50	10.45	10.45	2 / 5			
reaction time		interval		1.08	0.92	0.94	0.89	0.90	0.92	0.92	0.96	0.95	PB	# of strides	3.97	2.73	2.80
wind	1.1 m/s	velocity	5.08	9.26	10.87	10.64	11.24	11.11	10.87	10.87	10.42	10.53	9.57		7.56	10.99	10.71

Musil, Jan (CZE) (1997)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)													*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*				
date	28-Jun-14	time		3.32		5.42		7.49		9.56		11.73	11.73	7 / 5			
reaction time	0.158	interval				2.10		2.07		2.07		2.17		# of strides			
wind	-4.2 m/s	velocity		6.02		9.52		9.66		9.66		9.22	8.53				

Muzrapov, Favoris (TJK) (1998)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Prelim 3 - 2024 Olympic Games (Paris, FRA)													*Paris 2024 Olympic Games - Results Book (2024)*				
date	03-Aug-24	time	1.93	3.01	3.98	4.91	5.83	6.75	7.69	8.64	9.60	10.60	10.60	4 / 3			
reaction time	0.142	interval		1.08	0.97	0.93	0.92	0.92	0.94	0.95	0.96	1.00		# of strides	3.98	2.77	2.85
wind	0.1 m/s	velocity	5.18	9.26	10.31	10.75	10.87	10.87	10.64	10.53	10.42	10.00	9.43	50.7	7.54	10.83	10.53

Myers, Brandon (USA) (1987)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)													*USATF Women's Sprint Development (2006)*				
date	22-Jun-06	time	2.00	3.07	4.04	4.96	5.89	6.76	7.66	8.56	9.51	10.46	10.46	1 / 5			
reaction time		interval		1.07	0.97	0.92	0.93	0.87	0.90	0.90	0.95	0.95	PB	# of strides	4.04	2.72	2.75
wind	1.5 m/s	velocity	5.00	9.35	10.31	10.87	10.75	11.49	11.11	11.11	10.53	10.53	9.56		7.43	11.03	10.91

Myles-Mills, John (GHA) (1966)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*				
date	24-Sep-88	time	2.01	3.06	4.01	4.91	5.81	6.71	7.63	8.56	9.49	10.43	10.43	6 / 8			
reaction time		interval		1.05	0.95	0.90	0.90	0.90	0.92	0.93	0.93	0.94		# of strides	4.01	2.70	2.78
wind	0.6 m/s	velocity	4.98	9.52	10.53	11.11	11.11	11.11	10.87	10.75	10.75	10.64	9.59		7.48	11.11	10.79

Nabe, Cédric (SUI) (1983)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 12 - 2009 IAAF World Championships (Berlin, GER)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date	15-Aug-09	time		3.01	3.98	4.90		6.75		8.61		10.51	10.51	6 / 5			
reaction time	0.118	interval			0.97	0.92		1.85		1.86		1.90		# of strides	3.98	2.77	
wind	-0.4 m/s	velocity		6.64	10.31	10.87		10.81		10.75		10.53	9.51		7.54	10.83	

Naganuma, Kenji (JPN) (1993)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date	29-Apr-14	time	1.99	3.09	4.08	5.04	5.97	6.90	7.84	8.78	9.74	10.71	10.71	5 / 6			
reaction time		interval		1.10	0.99	0.96	0.93	0.93	0.94	0.94	0.96	0.97		# of strides	4.08	2.82	2.84
wind	2.3 m/s	velocity	5.03	9.09	10.10	10.42	10.75	10.75	10.64	10.64	10.42	10.31	9.34	48.0	7.35	10.64	10.56

Nagasawa, Shun (JPN) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)														*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date	28-Jun-09	time	1.92	2.99	3.95	4.88	5.77	6.67	7.57	8.48	9.40	10.34	10.34	5 / 3			
reaction time		interval		1.07	0.96	0.93	0.89	0.90	0.90	0.91	0.92	0.94		# of strides	3.95	2.72	2.73
wind	2.4 m/s	velocity	5.21	9.35	10.42	10.75	11.24	11.11	11.11	10.99	10.87	10.64	9.67		7.59	11.03	10.99

Nagata, Shunto (JPN) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)														*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date	05-Oct-19	time			3.96		5.81					10.52	10.52	2 / 4			
reaction time	0.138	interval					1.85					4.71		# of strides	3.96		
wind	-0.1 m/s	velocity			7.58		3.44					10.62	9.51	50.5	7.58		

Nagata, Takuya (JPN) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2017 Japanese National Sports Festival (Matsuyama, JPN)														*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date	07-Oct-17	time	1.90	2.98	3.95	4.87	5.77	6.67	7.57	8.48	9.41	10.37	10.37	/ 2			
reaction time	0.147	interval		1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.96		# of strides	3.95	2.72	2.74
wind	0.5 m/s	velocity	5.26	9.26	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.42	9.64	47.8	7.59	11.03	10.95

Nakamura, Akihiko (JPN) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championsips (Akita, JPN)														*Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*			
date	10-Jun-23	time	1.97	3.10	4.12	5.10	6.06	7.02	7.98	8.96	9.95	10.96	10.96	7 / 1			
reaction time		interval		1.13	1.02	0.98	0.96	0.96	0.96	0.98	0.99	1.01		# of strides	4.12	2.90	2.93
wind	-0.4 m/s	velocity	5.08	8.85	9.80	10.20	10.42	10.42	10.42	10.20	10.10	9.90	9.12		7.28	10.34	10.24
Decathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN)														*Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*			
date	04-Jun-22	time	1.93	3.05	4.07	5.04	6.00	6.96	7.93	8.91	9.91	10.93	10.93	4 / 3			
reaction time		interval		1.12	1.02	0.97	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.07	2.89	2.95
wind	0.1 m/s	velocity	5.18	8.93	9.80	10.31	10.42	10.42	10.31	10.20	10.00	9.80	9.15		7.37	10.38	10.17
Decathlon - Heat 2 - 2022 Michitaka Kinami Memorial (Osaka, JPN)														*Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*			
date	30-Apr-22	time	1.97	3.09	4.12	5.11	6.08	7.05	8.02	9.01	10.03	11.06	11.06	3 / 2			
reaction time	0.134	interval		1.12	1.03	0.99	0.97	0.97	0.97	0.99	1.02	1.03		# of strides	4.12	2.93	2.98
wind	-0.2 m/s	velocity	5.08	8.93	9.71	10.10	10.31	10.31	10.31	10.10	9.80	9.71	9.04		7.28	10.24	10.07
Decathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)														*Matsubayashi (2020) - research on athlete performance and technique- 2020 data book*			
date	26-Sep-20	time	1.97	3.10	4.12	5.11	6.08	7.04	8.02	9.00	10.00	11.02	11.02	5 / 6			
reaction time		interval		1.13	1.02	0.99	0.97	0.96	0.98	0.98	1.00	1.02		# of strides	4.12	2.92	2.96
wind	0.2 m/s	velocity	5.08	8.85	9.80	10.10	10.31	10.42	10.20	10.20	10.00	9.80	9.07		7.28	10.27	10.14
Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)														*Matsubayashi (2019) - research athlete performance technique- 2019 databook*			
date	08-Jun-19	time	1.92	3.04	4.05	5.02	5.98	6.93	7.89	8.86	9.85	10.86	10.86	5 / 1			
reaction time		interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	0.99	1.01		# of strides	4.05	2.88	2.92
wind	0.0 m/s	velocity	5.21	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.10	9.90	9.21		7.41	10.42	10.27
Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)														*Matsubayashi (2018) - research on athlete performance and technique*			
date	16-Jun-18	time	1.95	3.06	4.07	5.03	5.98	6.92	7.87	8.82	9.80	10.79	10.79	6 / 2			
reaction time		interval		1.11	1.01	0.96	0.95	0.94	0.95	0.95	0.98	0.99		# of strides	4.07	2.85	2.88
wind	1.4 m/s	velocity	5.13	9.01	9.90	10.42	10.53	10.64	10.53	10.53	10.20	10.10	9.27		7.37	10.53	10.42
Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)														*Matsubayashi (2018) - research on athlete performance and technique*			
date	21-Apr-18	time	1.93	3.05	4.07	5.05	6.01	6.96	7.92	8.89	9.88	10.90	10.90	6 / 2			
reaction time		interval		1.12	1.02	0.98	0.96	0.95	0.96	0.97	0.99	1.02		# of strides	4.07	2.89	2.92
wind	0.2 m/s	velocity	5.18	8.93	9.80	10.20	10.42	10.53	10.42	10.31	10.10	9.80	9.17		7.37	10.38	10.27
Decathlon - Heat 3 - 2016 Japanese National Multi-Event Championships (Nagano, JPN)														*Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*			
date	11-Jun-16	time	1.98	3.06	4.04	4.99	5.93	6.87	7.80	8.74	9.71	10.69	10.69	4 / 2			
reaction time		interval		1.08	0.98	0.95	0.94	0.94	0.93	0.94	0.97	0.98		# of strides	4.04	2.83	2.84
wind	1.8 m/s	velocity	5.05	9.26	10.20	10.53	10.64	10.64	10.75	10.64	10.31	10.20	9.35		7.43	10.60	10.56
Decathlon - Heat 1 - 2016 Wakayama Grand Prix (Wakayama, JPN)														*Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*			
date	30-Apr-16	time	1.95	3.03	4.02	4.98	5.92	6.87	7.81	8.77	9.75	10.75	10.75	4 / 1			
reaction time		interval		1.08	0.99	0.96	0.94	0.95	0.94	0.96	0.98	1.00		# of strides	4.02	2.85	2.88
wind	-0.1 m/s	velocity	5.13	9.26	10.10	10.42	10.64	10.53	10.64	10.42	10.20	10.00	9.30		7.46	10.53	10.42
Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN)														*Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*			
date	04-Jul-15	time	1.97	3.05	4.03	4.98	5.92	6.85	7.78	8.74	9.70	10.71	10.71	??			

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

reaction time		interval		1.08	0.98	0.95	0.94	0.93	0.93	0.96	0.96	1.01		# of strides	4.03	2.82	2.85
wind	1.2 m/s	velocity	5.08	9.26	10.20	10.53	10.64	10.75	10.75	10.42	10.42	9.90	9.34		7.44	10.64	10.53

Decathlon - Heat 1 - 2015 Wakayama Grand Prix (Wakayama, JPN) *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

date	25-Apr-15	time	1.93	3.00	3.97	4.91	5.83	6.75	7.67	8.60	9.54	10.52	10.52	4 / 1			
reaction time		interval		1.07	0.97	0.94	0.92	0.92	0.92	0.93	0.94	0.98		# of strides	3.97	2.78	2.79
wind	2.4 m/s	velocity	5.18	9.35	10.31	10.64	10.87	10.87	10.87	10.75	10.64	10.20	9.51		7.56	10.79	10.75

Decathlon - Heat 2 - 2014 Asian Games (Incheon, KOR) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	29-Sep-14	time	1.96	3.05	4.03	4.97	5.91	6.83	7.77	8.72	9.68	10.66	10.66	/ 1			
reaction time		interval		1.09	0.98	0.94	0.94	0.92	0.94	0.95	0.96	0.98	PB	# of strides	4.03	2.80	2.85
wind	1.7 m/s	velocity	5.10	9.17	10.20	10.64	10.64	10.87	10.64	10.53	10.42	10.20	9.38		7.44	10.71	10.53

Decathlon - Heat 1 - 2014 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	31-May-14	time	1.99	3.08	4.08	5.04	5.98	6.93	7.88	8.84	9.81	10.80	10.80	4 / 2			
reaction time		interval		1.09	1.00	0.96	0.94	0.95	0.95	0.96	0.97	0.99		# of strides	4.08	2.85	2.88
wind	-1.3 m/s	velocity	5.03	9.17	10.00	10.42	10.64	10.53	10.53	10.42	10.31	10.10	9.26		7.35	10.53	10.42

Decathlon - Heat 1 - 2014 Nittai University Distance Meeting (Wakayama, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	26-Apr-14	time	1.96	3.04	4.02	4.96	5.89	6.83	7.77	8.72	9.69	10.69	10.69	5 / 2			
reaction time		interval		1.08	0.98	0.94	0.93	0.94	0.94	0.95	0.97	1.00	PB	# of strides	4.02	2.81	2.86
wind	1.6 m/s	velocity	5.10	9.26	10.20	10.64	10.75	10.64	10.64	10.53	10.31	10.00	9.35		7.46	10.68	10.49

Decathlon - Heat 1 - 2013 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	01-Jun-13	time	1.99	3.09	4.12	5.13	6.12	7.11	8.10	9.09	10.10	11.12	11.12	7 / 2			
reaction time		interval		1.10	1.03	1.01	0.99	0.99	0.99	0.99	1.01	1.02		# of strides	4.12	2.99	2.99
wind	-4.3 m/s	velocity	5.03	9.09	9.71	9.90	10.10	10.10	10.10	10.10	9.90	9.80	8.99		7.28	10.03	10.03

Decathlon - Heat 1 - 2013 Wakayama Athletics Meeting (Wakayama, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	26-Apr-13	time	2.00	3.08	4.07	5.02	5.96	6.90	7.84	8.79	9.75	10.75	10.75	5 / 2			
reaction time		interval		1.08	0.99	0.95	0.94	0.94	0.94	0.95	0.96	1.00		# of strides	4.07	2.83	2.85
wind	-1.5 m/s	velocity	5.00	9.26	10.10	10.53	10.64	10.64	10.64	10.53	10.42	10.00	9.30		7.37	10.60	10.53

Decathlon - Heat 1 - 2012 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	02-Jun-12	time	2.01	3.10	4.08	5.04	5.99	6.94	7.88	8.84	9.81	10.81	10.81	6 / 2			
reaction time		interval		1.09	0.98	0.96	0.95	0.95	0.94	0.96	0.97	1.00		# of strides	4.08	2.86	2.87
wind	-0.6 m/s	velocity	4.98	9.17	10.20	10.42	10.53	10.53	10.64	10.42	10.31	10.00	9.25		7.35	10.49	10.45

Decathlon - Heat ?? - 2012 Tokyo Athletics Championships (Chofu, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	21-Apr-12	time	1.96	3.05	4.04	5.00	5.95	6.89	7.85	8.80	9.77	10.75	10.75	???			
reaction time		interval		1.09	0.99	0.96	0.95	0.94	0.96	0.95	0.97	0.98		# of strides	4.04	2.85	2.88
wind	-0.6 m/s	velocity	5.10	9.17	10.10	10.42	10.53	10.64	10.42	10.53	10.31	10.20	9.30		7.43	10.53	10.42

Decathlon - Heat ?? - 2011 Japanese Multi-Event National Championships (Kawasaki, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	04-Jun-11	time	1.96	3.06	4.06	5.02	5.98	6.93	7.88	8.84	9.82	10.81	10.81	???			
reaction time		interval		1.10	1.00	0.96	0.96	0.95	0.95	0.96	0.98	0.99		# of strides	4.06	2.87	2.89
wind	-0.2 m/s	velocity	5.10	9.09	10.00	10.42	10.42	10.53	10.53	10.42	10.20	10.10	9.25		7.39	10.45	10.38

Decathlon - Heat ?? - 2010 Japanese Multi-Event National Championships (Kawasaki, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	12-Jun-10	time	1.95	3.05	4.05	5.02	5.98	6.94	7.89	8.86	9.83	10.82	10.82	???			
reaction time		interval		1.10	1.00	0.97	0.96	0.96	0.95	0.97	0.97	0.99		# of strides	4.05	2.89	2.89
wind	-0.6 m/s	velocity	5.13	9.09	10.00	10.31	10.42	10.42	10.53	10.31	10.31	10.10	9.24		7.41	10.38	10.38

Decathlon - Heat 2 - 2009 Gunma Relays (Maebashi, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	10-Oct-09	time	1.96	3.06	4.08	5.06	6.02	6.98	7.94	8.91	9.90	10.93	10.93	5 / 1			
reaction time		interval		1.10	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.03		# of strides	4.08	2.90	2.92
wind	1.3 m/s	velocity	5.10	9.09	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.71	9.15		7.35	10.34	10.27

Nakamura, Shota (JPN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*																	
date	24-Oct-20	time	1.93	3.03	4.04	5.00	5.95	6.90	7.86	8.83	9.82	10.83	10.83	6 / 5			
reaction time	0.149	interval		1.10	1.01	0.96	0.95	0.95	0.96	0.97	0.99	1.01		# of strides	4.04	2.86	2.92
wind	-2.4 m/s	velocity	5.18	9.09	9.90	10.42	10.53	10.53	10.42	10.31	10.10	9.90	9.23	52.7	7.43	10.49	10.27

Heat 2 - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.98	3.08	4.08	5.03	5.96	6.90	7.84	8.79	9.76	10.76	10.76	4 / 2			
reaction time	0.160	interval		1.10	1.00	0.95	0.93	0.94	0.94	0.95	0.97	1.00		# of strides	4.08	2.82	2.86
wind	-0.2 m/s	velocity	5.05	9.09	10.00	10.53	10.75	10.64	10.64	10.53	10.31	10.00	9.29	50.2	7.35	10.64	10.49

U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.04		5.96					10.78	10.78	2 / 2			
reaction time	0.153	interval					1.92					4.82		# of strides	4.04		

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

wind	-2.3 m/s	velocity			7.43		3.36					10.37	9.28		7.43		

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.93	3.01	3.99	4.92	5.83	6.73	7.63	8.55	9.49	10.47	10.47	/ 5			
reaction time		interval		1.08	0.98	0.93	0.91	0.90	0.90	0.92	0.94	0.98		# of strides	3.99	2.74	2.76
wind	2.9 m/s	velocity	5.18	9.26	10.20	10.75	10.99	11.11	11.11	10.87	10.64	10.20	9.55		7.52	10.95	10.87

Nakamura, Syota (JPN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)														*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*			
date	03-Aug-18	time	1.94	3.03	4.01	4.96	5.88	6.81	7.75	8.70	9.66	10.65	10.65	4 / 4			
reaction time		interval		1.09	0.98	0.95	0.92	0.93	0.94	0.95	0.96	0.99		# of strides	4.01	2.80	2.85
wind	-0.3 m/s	velocity	5.15	9.17	10.20	10.53	10.87	10.75	10.64	10.53	10.42	10.10	9.39	51.2	7.48	10.71	10.53

Nakawaki Yuya (JPN) (1998)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2016 Japanese High School Championships (Okayama, JPN)														*Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-16	time		2.96	4.05	5.05	6.01	6.96	7.93	8.90		10.89	10.89	/ 7			
reaction time	0.141	interval			1.09	1.00	0.96	0.95	0.97	0.97		1.99		# of strides	4.05	2.91	
wind	3.0 m/s	velocity		6.76	9.17	10.00	10.42	10.53	10.31	10.31		10.05	9.18		7.41	10.31	

Nakayama, Tomoki (JPN) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)														*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date	04-Oct-19	time			4.18		6.20					11.30	11.30	8 / 8			
reaction time	0.167	interval					2.02					5.10		# of strides	4.18		
wind	-1.1 m/s	velocity			7.18		3.23					9.80	8.85		7.18		

Nakayama, Yasushi (JPN) (1992)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)														*Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-10	time	1.87	2.94		4.90	5.84	6.79	7.74	8.72	9.69	10.69	10.69	6 / 2			
reaction time		interval		1.07		1.96	0.94	0.95	0.95	0.98	0.97	1.00		# of strides			2.90
wind	-2.1 m/s	velocity	5.35	9.35		10.20	10.64	10.53	10.53	10.20	10.31	10.00	9.35				10.34

Nakazawa, Yuya (JPN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)														*Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection*			
date	30-Jul-16	time		2.95	4.02	5.01	5.97	6.95	7.91	8.91		10.93	10.93	/ 8			
reaction time		interval			1.07	0.99	0.96	0.98	0.96	1.00		2.02		# of strides	4.02	2.93	
wind	3.0 m/s	velocity		6.78	9.35	10.10	10.42	10.20	10.42	10.00		9.90	9.15		7.46	10.24	

Naoki, Koja (JPN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2007 Japanese National High School Championships (Saga, JPN)														*Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection*			
date	03-Aug-07	time		3.07	4.07	5.00	5.93	6.86	7.79	8.73	9.70	10.72	10.72	5 / 5			
reaction time		interval			1.00	0.93	0.93	0.93	0.93	0.94	0.97	1.02		# of strides	4.07	2.79	2.84
wind	0.7 m/s	velocity		6.51	10.00	10.75	10.75	10.75	10.75	10.64	10.31	9.80	9.33		7.37	10.75	10.56

Naoki, Masafumi (JPN) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2019 Fuse Sprint (Tottori, JPN)														*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date	02-Jun-19	time	1.87	2.96	3.93	4.86	5.77	6.67	7.58	8.49	9.43	10.39	10.39	4 / 3			
reaction time	0.112	interval		1.09	0.97	0.93	0.91	0.90	0.91	0.91	0.94	0.96	**PB**	# of strides	3.93	2.74	2.76
wind	0.1 m/s	velocity	5.35	9.17	10.31	10.75	10.99	11.11	10.99	10.99	10.64	10.42	9.62	47.0	7.63	10.95	10.87

Race 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.96	3.04	4.00	4.93	5.84	6.73	7.63	8.54	9.46	10.40	10.40	3 / 1			
reaction time		interval		1.08	0.96	0.93	0.91	0.89	0.90	0.91	0.92	0.94	**PB**	# of strides	4.00	2.73	2.73
wind	1.3 m/s	velocity	5.10	9.26	10.42	10.75	10.99	11.24	11.11	10.99	10.87	10.64	9.62	47.0	7.50	10.99	10.99

Narracott, Paul (AUS) (1959)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1983 IAAF World Championships (Helsinki, FIN)														*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	08-Aug-83	time		2.90		4.85	5.77	6.65	7.54	8.44		10.33	10.33	6 / 7			
reaction time	0.140	interval				1.95	0.92	0.88	0.89	0.90		1.89		# of strides		6.65	
wind	-0.3 m/s	velocity		6.90		10.26	10.87	11.36	11.24	11.11		10.58	9.68	47.7		4.51	

Nascimento, Carlos (POR) (1994)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.86	2.91	3.87	4.78	5.69	6.62					6.62	2 / 7			
reaction time	0.131	interval		1.05	0.96	0.91	0.91	0.93						# of strides	3.87	2.75	
		velocity	5.38	9.52	10.42	10.99	10.99	10.75					9.06	30.7	7.75	10.91	

Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.88	2.93	3.89	4.80	5.70	6.61					6.61	6 / 2			
reaction time	0.127	interval		1.05	0.96	0.91	0.90	0.91					**=PB**	# of strides	3.89	2.72	
		velocity	5.32	9.52	10.42	10.99	11.11	10.99					9.08		7.71	11.03	

Nashimoto, Masaki (JPN) (1993)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Race B - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.98	3.05	4.02	4.95	5.87	6.78	7.70	8.63	9.58	10.56	10.56	1 / 5			
reaction time		interval		1.07	0.97	0.93	0.92	0.91	0.92	0.93	0.95	0.98		# of strides	4.02	2.76	2.80
wind	0.6 m/s	velocity	5.05	9.35	10.31	10.75	10.87	10.99	10.87	10.75	10.53	10.20	9.47	53.0	7.46	10.87	10.71

FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN) *Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	04-Aug-11	time					5.77	6.67	7.61	8.54	9.50	10.50	10.50	6 / 1			
reaction time		interval						0.90	0.94	0.93	0.96	1.00		# of strides			2.83
wind	-0.5 m/s	velocity					8.67	11.11	10.64	10.75	10.42	10.00	9.52				10.60

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) *Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-10	time	1.89	2.97		4.94	5.92	6.88	7.87	8.85	9.85	10.88	10.88	7 / 5			
reaction time		interval		1.08		1.97	0.98	0.96	0.99	0.98	1.00	1.03		# of strides			2.97
wind	-2.1 m/s	velocity	5.29	9.26		10.15	10.20	10.42	10.10	10.20	10.00	9.71	9.19				10.10

Näsman, Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

G FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.31		7.29		9.32		11.46	11.46	3 / 4			
reaction time		interval				2.98		2.03		2.14		# of strides	4.31	2.98	
wind	1.9 m/s	velocity		6.96		10.07		9.85		9.35	8.73		6.96	10.07	

F FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.26		7.25		9.25		11.33	11.33	1 / 2			
reaction time		interval				2.99		2.00		2.08		# of strides	4.26	2.99	
wind	1.6 m/s	velocity		7.04		10.03		10.00		9.62	8.83		7.04	10.03	

E FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		4.34		7.40		9.47		11.63	11.63	/ 1			
reaction time		interval				3.06		2.07		2.16		# of strides	4.34	3.06	
wind	1.6 m/s	velocity		6.91		9.80		9.66		9.26	8.60		6.91	9.80	

D FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		4.30		7.34		9.36		11.50	11.50	/ 1			
reaction time		interval				3.04		2.02		2.14		# of strides	4.30	3.04	
wind	0.9 m/s	velocity		6.98		9.87		9.90		9.35	8.70		6.98	9.87	

Nazarov, Karl Erik (EST) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.90	2.96	3.92	4.83	5.74	6.65				6.65	3 / 3		
reaction time	0.144	interval		1.06	0.96	0.91	0.91	0.91					# of strides	3.92	2.73	
		velocity	5.26	9.43	10.42	10.99	10.99	10.99				9.02		7.65	10.99

Németh, Roland (HUN) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.98	3.95	4.87		6.66		8.45		10.27	10.27	/ ~~4~~ 3			
reaction time	0.140	interval			0.97	0.92		1.79		1.79		1.82		# of strides	3.95	2.71	
wind	-0.3 m/s	velocity		6.71	10.31	10.87		11.17		11.17		10.99	9.74		7.59	11.07	

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.96	3.93	4.86		6.66		8.46		10.32	10.32	/ 4			
reaction time	0.117	interval			0.97	0.93		1.80		1.80		1.86		# of strides	3.93	2.73	
wind	0.1 m/s	velocity		6.76	10.31	10.75		11.11		11.11		10.75	9.69		7.63	10.99	

Quarter-Final 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		2.97	3.94	4.86		6.66		8.46		10.32	10.32	/ 2			
reaction time	0.120	interval			0.97	0.92		1.80		1.80		1.86		# of strides	3.94	2.72	
wind	-0.6 m/s	velocity		6.73	10.31	10.87		11.11		11.11		10.75	9.69		7.61	11.03	

Heat 5 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		2.97	3.93	4.85		6.63		8.41		10.25	10.25	/ 1			
reaction time	0.128	interval			0.96	0.92		1.78		1.78		1.84		# of strides	3.93	2.70	
wind	1.0 m/s	velocity		6.73	10.42	10.87		11.24		11.24		10.87	9.76		7.63	11.11	

Netymach, Vojtech (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	1.94	3.01	4.03	5.00	5.96	6.94	7.91	8.91	9.92	10.99	10.99	2 / 1			
reaction time	0.159	interval		1.07	1.02	0.97	0.96	0.98	0.97	1.00	1.01	1.07		# of strides	4.03	2.91	2.98
wind	-3.4 m/s	velocity	5.15	9.35	9.80	10.31	10.42	10.20	10.31	10.00	9.90	9.35	9.10		7.44	10.31	10.07

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.13		5.09		7.01		9.00		11.17	11.17	3 / 2			
reaction time	0.123	interval				1.96		1.92		1.99		2.17		# of strides			

wind	-2.5 m/s	velocity	6.39	10.20	10.42	10.05	9.22	8.95							

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

date	15-Jun-13	time	3.01	5.01	6.91	8.90	10.97	10.97	3 / 4						
reaction time	0.142	interval		2.00	1.90	1.99	2.07		# of strides						
wind	-1.2 m/s	velocity	6.64	10.00	10.53	10.05	9.66	9.12							

Nevers, Adolphus (JAM) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		3.95		6.65		8.48		10.32	10.32	8 / 2			
reaction time		interval				2.70		1.83		1.84		# of strides	3.95	2.70	
wind	1.8 m/s	velocity		7.59		11.11		10.93		10.87	9.69		7.59	11.11	

Nikodem, František (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.26	5.43		7.53		9.65		11.83	11.83	2 / 4			
reaction time	0.129	interval		2.17		2.10		2.12		2.18		# of strides			
wind	-3.6 m/s	velocity	6.13	9.22		9.52		9.43		9.17	8.45				

Nilsen, Erlend (SWE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time		4.31		7.36				11.54	11.54	4 / 2			
reaction time		interval				3.05				4.18		# of strides	4.31	3.05	
wind	0.5 m/s	velocity		6.96		9.84				9.57	8.67		6.96	9.84	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time		4.33		7.39				11.56	11.56	4 / 3			
reaction time		interval				3.06				4.17		# of strides	4.33	3.06	
wind	1.5 m/s	velocity		6.93		9.80				9.59	8.65		6.93	9.80	

Nilsson, Niklas (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date	25-Jul-09	time		4.15		7.01		8.92		10.91	10.91	/ 6			
reaction time		interval				2.86		1.91		1.99		# of strides	4.15	2.86	
wind	1.1 m/s	velocity		7.23		10.49		10.47		10.05	9.17		7.23	10.49	

Nilsson, Anton (SWE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time		4.33		7.32				11.41	11.41	3 / 1			
reaction time		interval				2.99				4.09		# of strides	4.33	2.99	
wind	0.5 m/s	velocity		6.93		10.03				9.78	8.76		6.93	10.03	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time		4.40		7.42				11.60	11.60	8 / 8			
reaction time		interval				3.02				4.18		# of strides	4.40	3.02	
wind	0.7 m/s	velocity		6.82		9.93				9.57	8.62		6.82	9.93	

Nilsson, Nils-Göran (SWE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date	31-Jul-11	time		4.14		7.03		8.96		10.98	10.98	3 / 6			
reaction time		interval				2.89		1.93		2.02		# of strides	4.14	2.89	
wind	1.6 m/s	velocity		7.25		10.38		10.36		9.90	9.11		7.25	10.38	

Nii, Yusuke (JPN) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2009 Japanese National Championships (Hiroshima, JPN)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date	27-Jun-09	time	1.93	2.98	3.94	4.87	5.77	6.67	7.57	8.49	9.41	10.34	10.34	4 / 2			
reaction time		interval		1.05	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.93	PB	# of strides	3.94	2.73	2.74
wind	1.8 m/s	velocity	5.18	9.52	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.75	9.67		7.61	10.99	10.95

Niit, Marek (EST) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)												*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date	21-Jul-06	time		4.02		6.77		8.61		10.51	10.51	/ 1			
reaction time		interval				2.75		1.84		1.90	NJR	# of strides	4.02	2.75	
wind	0.6 m/s	velocity		7.46		10.91		10.87		10.53	9.51		7.46	10.91	

Niitani, Toshiki (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	26-May-18	time		4.13		7.07			10.33	11.84	11.84	2 / 8			
reaction time		interval				2.94			3.26	1.51		# of strides	4.13	2.94	3.26
wind	2.3 m/s	velocity		7.26		10.20			9.20	6.62	8.45	51.0	7.26	10.20	9.20

Ning Xuhao (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.04	3.12	4.10	5.04	5.98	6.93	7.85	8.81	9.79	10.80	10.80	8 / 5		
reaction time	0.189	interval		1.08	0.98	0.94	0.94	0.95	0.92	0.96	0.98	1.01		# of strides	4.10	2.83	2.86
wind	-0.1 m/s	velocity	4.90	9.26	10.20	10.64	10.64	10.53	10.87	10.42	10.20	9.90	9.26	47.0	7.32	10.60	10.49

Nishigaki, Yoshiya (JPN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Race 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.90	2.96	3.91	4.86	5.79	6.72	7.66	8.61	9.59	10.59	10.59	4 / 4		
reaction time		interval		1.06	0.95	0.95	0.93	0.93	0.94	0.95	0.98	1.00		# of strides	3.91	2.81	2.87
wind	1.3 m/s	velocity	5.26	9.43	10.53	10.53	10.75	10.75	10.64	10.53	10.20	10.00	9.44	52.2	7.67	10.68	10.45

Race C - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.90	2.94	3.89	4.82	5.75	6.68	7.62	8.56	9.53	10.51	10.51	/ 3		
reaction time		interval		1.04	0.95	0.93	0.93	0.93	0.94	0.94	0.97	0.98		# of strides	3.89	2.79	2.85
wind	0.6 m/s	velocity	5.26	9.62	10.53	10.75	10.75	10.75	10.64	10.64	10.31	10.20	9.51		7.71	10.75	10.53

Nishio, Kotora (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.03			6.97			9.87	10.89	10.89	5 / 4		
reaction time		interval						2.94			2.90	1.02		# of strides	4.03	2.94	2.90
wind	3.3 m/s	velocity			7.44			10.20			10.34	9.80	9.18	46.5	7.44	10.20	10.34

Noda, Kojiro (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time			4.08			7.03			10.02	11.09	11.09	3 / 4		
reaction time		interval						2.95			2.99	1.07		# of strides	4.08	2.95	2.99
wind	0.5 m/s	velocity			7.35			10.17			10.03	9.35	9.02	52.0	7.35	10.17	10.03

Nogawa, Daichi (JPN) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.98	3.04	3.99	4.92	5.82	6.73	7.64	8.57	9.51	10.49	10.48	7 / 6		
reaction time		interval		1.06	0.95	0.93	0.90	0.91	0.91	0.93	0.94	0.98		# of strides	3.99	2.74	2.78
wind	2.4 m/s	velocity	5.05	9.43	10.53	10.75	11.11	10.99	10.99	10.75	10.64	10.20	9.54	48.0	7.52	10.95	10.79

Nohava, Vojtech (CZE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time		3.09		5.09		7.01		8.99		11.00	11.00	3 / 5		
reaction time	0.129	interval				2.00		1.92		1.98		2.01		# of strides			
wind	-3.2 m/s	velocity		6.47		10.00		10.42		10.10		9.95	9.09				

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.99	3.16	4.22	5.24	6.20	7.21					7.21	2 / 5		
reaction time	0.128	interval		1.17	1.06	1.02	0.96	1.01						# of strides	4.22	2.99	
		velocity	5.03	8.55	9.43	9.80	10.42	9.90					8.32		7.11	10.03	

Nolet, Pedro Pablo (ESP) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.09	4.07	5.00		6.80		8.62		10.48	10.48	/ 8		
reaction time		interval			0.98	0.93		1.80		1.82		1.86		# of strides	4.07	2.73	
wind	1.4 m/s	velocity		6.47	10.20	10.75		11.11		10.99		10.75	9.54		7.37	10.99	

Nomura, Shogo (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN) *Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-08	time	1.99	3.08	4.08	5.04	5.98	6.92	7.86	8.81	9.76	10.73	10.73	?????		
reaction time		interval		1.09	1.00	0.96	0.94	0.94	0.94	0.95	0.95	0.97		# of strides	4.08	2.84	2.84
wind	-0.1 m/s	velocity	10.05	9.17	10.00	10.42	10.64	10.64	10.64	10.53	10.53	10.31	9.32		7.35	10.56	10.56

Noor Zahi, Sha Mahmood (AFG) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	2.03	3.11	4.08	5.01	5.92	6.83	7.77	8.71	9.67	10.64	10.64	5 / 4		
reaction time	0.174	interval		1.08	0.97	0.93	0.91	0.91	0.94	0.94	0.96	0.97	NR PB	# of strides	4.08	2.75	2.84
wind	0.6 m/s	velocity	4.93	9.26	10.31	10.75	10.99	10.99	10.64	10.64	10.42	10.31	9.40	45.5	7.35	10.91	10.56

Nordmark, Daniel (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.22			7.17		9.13		11.21	11.21	2 / 7		
reaction time		interval						2.95		1.96		2.08		# of strides	4.22	2.95	
wind	1.7 m/s	velocity			7.11			10.17		10.20		9.62	8.92		7.11	10.17	

Nordkvist, Robin (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time			4.09			6.88		8.73		10.68	10.68	4 / 1		

reaction time		interval			2.79	1.85	1.95		# of strides	4.09	2.79		
wind	3.1 m/s	velocity	7.33		10.75	10.81	10.26	9.36		7.33	10.75		

C FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.17		7.01	8.93	10.92	10.92	7 / 4				
reaction time		interval			2.84	1.92	1.99		# of strides	4.17	2.84		
wind	1.7 m/s	velocity	7.19		10.56	10.42	10.05	9.16		7.19	10.56		

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time	4.29		7.21	9.15	11.22	11.22	/ 7				
reaction time		interval			2.92	1.94	2.07		# of strides	4.29	2.92		
wind	2.8 m/s	velocity	6.99		10.27	10.31	9.66	8.91		6.99	10.27		

Norgren, Daniel (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time	4.23		7.22	9.28	11.37	11.37	/ 6						
reaction time		interval			2.99	2.06	2.09		# of strides	4.23	2.99				
wind	-0.4 m/s	velocity	7.09		10.03	9.71	9.57	8.80		7.09	10.03				

Norman, Josh (USA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date	10-Feb-09	time	3.92		5.74	6.64					6.64	4 / 3			
reaction time	0.127	interval			1.82	0.90						# of strides	3.92	2.72	
		velocity	7.65		10.99	11.11					9.04	29.7	7.65	11.03	
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date	10-Feb-09	time	3.90		5.72	6.63					6.63	7 / 1			
reaction time	0.119	interval			1.82	0.91						# of strides	3.90	2.73	
		velocity	7.69		10.99	10.99					9.05	29.5	7.69	10.99	

Norman, Michael (USA) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Weltklasse (Zürich, SUI)											*Omega Timing (2021) - diamond league race analysis*				
date	09-Sep-21	time	3.0		4.9	6.6	8.4			10.23	10.23	3 / 7			
reaction time	0.152	interval			1.90	1.70	1.80			1.83		# of strides			
wind	-0.4 m/s	velocity	6.67		10.53	11.76	11.11			10.93	9.78	45.0			
FINAL - 2021 Memorial van Damme (Brussels, BEL)											*Omega Timing (2021) - diamond league race analysis*				
date	03-Sep-21	time	2.9		4.8	6.5	8.2			9.98	9.98	7 / 3			
reaction time	0.141	interval			1.90	1.70	1.70			1.78		# of strides			
wind	0.1 m/s	velocity	6.90		10.53	11.76	11.76			11.24	10.02	44.0			
FINAL - 2021 Prefontaine Classic (Eugene, OR)											*Omega Timing (2021) - diamond league race analysis*				
date	21-Aug-21	time	3.0		4.8	6.5	8.2			9.90	9.90	9 / 5			
reaction time	0.133	interval			1.80	1.70	1.70			1.70		# of strides			
wind	2.9 m/s	velocity	6.67		11.11	11.76	11.76			11.76	10.10	44.0			

Norton, Ray (USA) (1937)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1959 San Jose University Meeting (San Jose, CA)												*Hymans (2015) - progression of IAAF world records*			
date	18-Apr-59	time			5.6					10.1	10.1	/ 1			
reaction time		interval								4.5	**WR**	# of strides			
wind	1.3 m/s	velocity			8.93					11.11	9.90				

Novák, Luboš (CZE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date	15-Jun-13	time	3.21		5.29	7.28		9.32		11.42	11.42	1 / 8			
reaction time	0.137	interval			2.08	1.99		2.04		2.10		# of strides			
wind	-1.2 m/s	velocity	6.23		9.62	10.05		9.80		9.52	8.76				

Nowak, Marcin (POL) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	14-Jun-09	time	3.04	4.02	4.96	6.82		8.74		10.69	10.69	/ 6			
reaction time	0.193	interval		0.98	0.94	1.86		1.92		1.95		# of strides	4.02	2.80	
wind	1.5 m/s	velocity	6.58	10.20	10.64	10.75		10.42		10.26	9.35		7.46	10.71	

Nowosz, Zenon (POL) (1944)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1972 Olympic Games (Munich, FRG)												*Breizer (1984) - sprint competition analysis*			
date	01-Sep-72	time			3.96	6.73		8.55		10.45	10.46	1 / 7			
reaction time		interval				2.77		1.82		1.90		# of strides	3.96	2.77	
wind	0.3 m/s	velocity			7.58	10.83		10.99		10.53	9.56	47.0	7.58	10.83	

Nthépé, Aimé-Issa (FRA) (1973)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			

date	07-Aug-02	time		3.03	3.99	4.90	6.69	8.49	10.32	10.32	/ ~~6~~ 5				
reaction time	0.163	interval			0.96	0.91	1.79	1.80	1.83		# of strides		3.99	2.70	
wind	-0.3 m/s	velocity		6.60	10.42	10.99	11.17	11.11	10.93	9.69			7.52	11.11	

Semi-Final 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		3.02	3.98	4.90	6.69	8.47	10.31	10.31	/ ~~2~~ 1				
reaction time	0.169	interval			0.96	0.92	1.79	1.78	1.84		# of strides		3.98	2.71	
wind	0.0 m/s	velocity		6.62	10.42	10.87	11.17	11.24	10.87	9.70			7.54	11.07	

Quarter-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time				4.90	6.68	8.46	10.31	10.31	/ 1				
reaction time	0.160	interval					1.78	1.78	1.85		# of strides				
wind	0.5 m/s	velocity				8.16	11.24	11.24	10.81	9.70					

Nyberg, Erik (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		4.21			7.10		9.05		11.13	11.13	7 / 7			
reaction time	interval					2.89		1.95		2.08		# of strides	4.21	2.89	
wind 2.1 m/s	velocity		7.13			10.38		10.26		9.62	8.98		7.13	10.38	

Nyvold, Lid Sondre (NOR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		4.16			7.00		8.88		10.81	10.81	4 / 1			
reaction time	interval					2.84		1.88		1.93		# of strides	4.16	2.84	
wind 2.1 m/s	velocity		7.21			10.56		10.64		10.36	9.25		7.21	10.56	

Núñez, Juan (DOM) (1959)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 24-Sep-88	time 1.97	3.01	3.94	4.87	5.79	6.68	7.59	8.50	9.42	10.35	10.35	7 / ~~6~~ 5			
reaction time	interval	1.04	0.93	0.93	0.92	0.89	0.91	0.91	0.92	0.93		# of strides	3.94	2.74	2.74
wind -1.2 m/s	velocity 5.08	9.62	10.75	10.75	10.87	11.24	10.99	10.99	10.87	10.75	9.66		7.61	10.95	10.95

FINAL - 1983 IAAF World Championships (Helsinki, FIN) *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time		2.92		4.87	5.78	6.65	7.53	8.43		10.29	10.29	7 / 5			
reaction time	0.131	interval				1.95	0.91	0.87	0.88	0.90		1.86		# of strides		6.65	
wind	-0.3 m/s	velocity		6.85		10.26	10.99	11.49	11.36	11.11		10.75	9.72	44.2		4.51	

Obasuyi, Michael (BEL) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 04-May-25	time 2.08	3.14	4.11	5.05	5.98	6.92	7.84	8.78	9.73	10.67	10.67	7 / 6			
reaction time 0.160	interval	1.06	0.97	0.94	0.93	0.94	0.92	0.94	0.95	0.94		# of strides	4.11	2.81	2.81
wind 0.7 m/s	velocity 4.81	9.43	10.31	10.64	10.75	10.64	10.87	10.64	10.53	10.64	9.37	46.5	7.30	10.68	10.68

Öberg, Sebastian (SWE) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		4.24			7.18		9.18		11.28	11.28	/ 3			
reaction time	interval					2.94		2.00		2.10		# of strides	4.24	2.94	
wind 2.8 m/s	velocity		7.08			10.20		10.00		9.52	8.87		7.08	10.20	

Obikwelu, Francis (POR) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 22-Sep-07	time	3.00	3.94	4.84		6.61		8.36		10.17	10.17	2 / 4			
reaction time 0.113	interval		0.94	0.90		1.77		1.75		1.81		# of strides	3.94	2.67	
wind -0.3 m/s	velocity	6.67	10.64	11.11		11.30		11.43		11.05	9.83	43.1	7.61	11.24	

FINAL - 2004 Olympic Games (Athens, GRE) *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	22-Aug-04	time	1.90	2.93			5.60	6.44	7.29		9.00	9.86	9.86	5 / 2			
reaction time	0.163	interval		1.03			2.67	0.84	0.85		1.71	0.86	**AR**	# of strides			2.56
wind	0.6 m\s	velocity	5.26	9.71			11.24	11.90	11.76		11.70	11.63	10.14	43.6			11.72

FINAL - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.96	3.90	4.80		6.54		8.29		10.06	10.06	/ ~~2~~ 1			
reaction time	0.158	interval			0.94	0.90		1.74		1.75		1.77	**NR**	# of strides	3.90	2.64	
wind	-0.3 m/s	velocity		6.76	10.64	11.11		11.49		11.43		11.30	9.94	43.4	7.69	11.36	

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.97	3.91	4.81		6.56		8.31		10.12	10.12	/ 1			
reaction time	0.156	interval			0.94	0.90		1.75		1.75		1.81		# of strides	3.91	2.65	
wind	0.1 m/s	velocity		6.73	10.64	11.11		11.43		11.43		11.05	9.88		7.67	11.32	

Quarter-Final 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.06	4.02	4.93		6.72		8.52		10.33	10.33	/ 3			

reaction time	0.164	interval		0.96	0.91	1.79	1.80	1.81		# of strides	4.02	2.70		
wind	-0.6 m/s	velocity	6.54	10.42	10.99	11.17	11.11	11.05	9.68		7.46	11.11		

Heat 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	3.02	3.98	4.90	6.68	8.47	10.38	10.38	/ 1				
reaction time	0.143	interval		0.96	0.92	1.78	1.79	1.91		# of strides	3.98	2.70		
wind	0.2 m/s	velocity	6.62	10.42	10.87	11.24	11.17	10.47	9.63		7.54	11.11		

Obikwelu, Francis (NGR) (1978)

FINAL - 2001 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	31-Aug-01	time	2.92	3.86	4.75	6.48	8.21	9.98	9.98	/ 1				
reaction time	0.134	interval		0.94	0.89	1.73	1.73	1.77		# of strides	3.86	2.62		
wind	0.6 m/s	velocity	6.85	10.64	11.24	11.56	11.56	11.30	10.02		7.77	11.45		

Obiora, Nzimirro (NOR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time		4.25		7.49				11.85	11.85	3 / 6			
reaction time		interval				3.24				4.36		# of strides	4.25	3.24	
wind	1.1 m/s	velocity		7.06		9.26				9.17	8.44		7.06	9.26	

Oduduru, Divine (NGR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)												*Omega Timing (2019) - diamond league race analysis*			
date	12-Jul-19	time			5.7					10.26	10.26	4 / 8			
reaction time	0.148	interval								4.56		# of strides			
wind	0.3 m/s	velocity			8.77					10.96	9.75	44.0			

Ofori, Gilbert (NOR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time		4.22		7.14		9.12		11.15	11.15	4 / 1			
reaction time		interval				2.92		1.98		2.03		# of strides	4.22	2.92	
wind	1.9 m/s	velocity		7.11		10.27		10.10		9.85	8.97		7.11	10.27	
D FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time		4.21		7.13		9.06		11.04	11.04	/ 4			
reaction time		interval				2.92		1.93		1.98		# of strides	4.21	2.92	
wind	2.5 m/s	velocity		7.13		10.27		10.36		10.10	9.06		7.13	10.27	

Ogata, Eiji (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date	03-Aug-23	time	1.97	3.09	4.10	5.07	6.03	6.99	7.95	8.91	9.89	10.87	10.87	5 / 2			
reaction time	0.223	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.96	0.98	0.98		# of strides	4.10	2.89	2.90
wind	-2.7 m/s	velocity	5.08	8.93	9.90	10.31	10.42	10.42	10.42	10.42	10.20	10.20	9.20		7.32	10.38	10.34

Ogawa, Ao (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date	03-Aug-23	time	2.03	3.17	4.19	5.17	6.13	7.09	8.05	9.01	9.98	10.96	10.96	2 / 5			
reaction time	0.201	interval		1.14	1.02	0.98	0.96	0.96	0.96	0.96	0.97	0.98		# of strides	4.19	2.90	2.89
wind	-2.7 m/s	velocity	4.93	8.77	9.80	10.20	10.42	10.42	10.42	10.42	10.31	10.20	9.12		7.16	10.34	10.38

Ogi, Machii (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date	04-Oct-19	time		4.06		6.01				10.96	10.96	7 / 2			
reaction time	0.143	interval				1.95				4.95		# of strides	4.06		
wind	-1.1 m/s	velocity		7.39		3.33				10.10	9.12		7.39		

Ogho-Ogene, Egwero (NGR) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	2.95	3.89	4.78	6.56	8.31	10.19	10.19	8 / 5					
reaction time	0.161	interval		0.94	0.89	1.78	1.75	1.88	PB	# of strides	3.89	2.67			
wind	0.4 m/s	velocity	6.78	10.64	11.24	11.24	11.43	10.64	9.81		7.71	11.24			
Heat 9 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time	3.00	3.95	4.85	6.66	8.45	10.30	10.30	5 / 3					
reaction time	0.166	interval		0.95	0.90	1.81	1.79	1.85		# of strides	3.95	2.71			
wind	-0.5 m/s	velocity	6.67	10.53	11.11	11.05	11.17	10.81	9.71		7.59	11.07			

Ogunode, Femi (QAT) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Doha Diamond League (Doha, QAT)												*Omega Timing (2021) - diamond league race analysis*			
date	28-May-21	time	3.0		4.8	6.6	8.3			10.00	10.00	5 / 1			
reaction time	0.146	interval			1.80	1.80	1.70			1.70		# of strides			
wind	0.9 m/s	velocity	6.67		11.11	11.11	11.76			11.76	10.00	46.0			

Ogunode, Tosin (QAT) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*

date	28-May-21	time		3.4		5.3		7.1		8.9		10.72	10.72	3 / 8
reaction time	0.202	interval				1.90		1.80		1.80		1.82		# of strides
wind	0.9 m/s	velocity		5.88		10.53		11.11		11.11		10.99	9.33	46.2

FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.81	2.87	3.81	4.71	5.59	6.45	7.32	8.20	9.09	10.00	10.00	8 / 2			
reaction time	0.125	interval		1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.89	0.91	PB	# of strides	3.81	2.64	2.64
wind	0.8 m/s	velocity	5.52	9.43	10.64	11.11	11.36	11.63	11.49	11.36	11.24	10.99	10.00	44.5	7.87	11.36	11.36

Ohitsu, Takahiro (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	26-May-18	time			4.07			6.91			9.68	10.68	10.68	5 / 2			
reaction time		interval						2.84			2.77	1.00		# of strides	4.07	2.84	2.77
wind	2.3 m/s	velocity			7.37			10.56			10.83	10.00	9.36	50.3	7.37	10.56	10.83

Ohlström, Morgan (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time			4.26			7.22		9.25		11.33	11.33	/ 5			
reaction time		interval						2.96		2.03		2.08		# of strides	4.26	2.96	
wind	3.0 m/s	velocity			7.04			10.14		9.85		9.62	8.83		7.04	10.14	

Õiglane, Janek (EST) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	2.03	3.13	4.20	5.16	6.11	7.06	8.01	8.97	9.94	10.89	10.89	3 / 4			
reaction time	0.142	interval		1.10	1.07	0.96	0.95	0.95	0.95	0.96	0.97	0.95	=PB	# of strides	4.20	2.86	2.88
wind	0.9 m/s	velocity	4.93	9.09	9.35	10.42	10.53	10.53	10.53	10.42	10.31	10.53	9.18	46.0	7.14	10.49	10.42

Ojuri, Sunday (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.18		6.10	7.03		8.93		10.88	10.88	7 / 3			
reaction time		interval					1.92	0.93		1.90		1.95		# of strides	4.18	2.85	
wind	1.5 m/s	velocity			7.18		10.42	10.75		10.53		10.26	9.19		7.18	10.53	

A FINAL - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			4.20			7.02				10.87	10.87	3 / 3			
reaction time		interval						2.82				3.85		# of strides	4.20	2.82	
wind	1.4 m/s	velocity			7.14			10.64				10.39	9.20		7.14	10.64	

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			4.21			7.06				10.93	10.93	8 / 5			
reaction time		interval						2.85				3.87		# of strides	4.21	2.85	
wind	0.7 m/s	velocity			7.13			10.53				10.34	9.15		7.13	10.53	

C FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time						6.98				10.80	10.80	4 / 2			
reaction time		interval										3.82		# of strides			
wind	0.6 m/s	velocity						8.60				10.47	9.26				

C FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.13			6.92		8.76		10.65	10.65	5 / 1			
reaction time		interval						2.79		1.84		1.89	PB	# of strides	4.13	2.79	
wind	1.7 m/s	velocity			7.26			10.75		10.87		10.58	9.39		7.26	10.75	

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.21			7.03		8.90		10.84	10.84	/ 2			
reaction time		interval						2.82		1.87		1.94		# of strides	4.21	2.82	
wind	2.8 m/s	velocity			7.13			10.64		10.70		10.31	9.23		7.13	10.64	

D FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.17			7.04		8.95		10.94	10.94	6 / 5			
reaction time		interval						2.87		1.91		1.99		# of strides	4.17	2.87	
wind	1.6 m/s	velocity			7.19			10.45		10.47		10.05	9.14		7.19	10.45	

Okamoto, Ryotaro (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time			4.08			7.08			10.03	11.09	11.09	6 / 3			
reaction time		interval						3.00			2.95	1.06		# of strides	4.08	3.00	2.95
wind	-1.8 m/s	velocity			7.35			10.00			10.17	9.43	9.02	51.5	7.35	10.00	10.17

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.13			7.02			9.85	10.84	10.84	6 / 3			

reaction time		interval					2.89			2.83	0.99		# of strides	4.13	2.89	2.83
wind	3.3 m/s	velocity			7.26		10.38			10.60	10.10	9.23	52.0	7.26	10.38	10.60

Okamura, Yukiya (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Japanese National High School Championships (Oita, JPN)												*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*			
date 31-Jul-13 time	2.01	3.09	4.08	5.03	5.96	6.89	7.83	8.76	9.70	10.67	10.67	/ 8			
reaction time interval		1.08	0.99	0.95	0.93	0.93	0.94	0.93	0.94	0.97		# of strides	4.08	2.81	2.81
wind 0.1 m/s velocity	4.98	9.26	10.10	10.53	10.75	10.75	10.64	10.75	10.64	10.31	9.37		7.35	10.68	10.68

Okeke, Aham (NOR) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94 time			3.99			6.64		8.38		10.19	10.19	/ 2			
reaction time interval						2.65		1.74		1.81	PB	# of strides	3.99	2.65	
wind 1.8 m/s velocity			7.52			11.32		11.49		11.05	9.81		7.52	11.32	

Okeoghene, Brume (NGR) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.0		4.9		6.7		8.6		10.52	10.52	1 / 9			
reaction time 0.147 interval				1.90		1.80		1.90		1.92		# of strides			
wind -0.2 m/s velocity		6.67		10.53		11.11		10.53		10.42	9.51	46.0			

Okuda, Keisuke (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2024 Japanese National Multi-Event Championships (Gifu, JPN)												*Matsubayashi (2025) - performance analysis of decathlon athletes in the 2024 season*			
date 22-Jun-24 time	1.96	3.07	4.06	5.01	5.94	6.87	7.80	8.74	9.69	10.65	10.65	2 / 1			
reaction time interval		1.11	0.99	0.95	0.93	0.93	0.93	0.94	0.95	0.96		# of strides	4.06	2.81	2.82
wind 0.2 m/s velocity	5.10	9.01	10.10	10.53	10.75	10.75	10.75	10.64	10.53	10.42	9.39		7.39	10.68	10.64
Decathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN)												*Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*			
date 04-Jun-22 time	1.94	3.06	4.07	5.03	5.98	6.92	7.87	8.83	9.81	10.82	10.82	5 / 1			
reaction time interval		1.12	1.01	0.96	0.95	0.94	0.95	0.96	0.98	1.01		# of strides	4.07	2.85	2.89
wind 0.1 m/s velocity	5.15	8.93	9.90	10.42	10.53	10.64	10.53	10.42	10.20	9.90	9.24		7.37	10.53	10.38
Decathlon - Heat 2 - 2022 Michitaka Kinami Memorial (Osaka, JPN)												*Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*			
date 30-Apr-22 time	1.92	3.03	4.03	4.99	5.93	6.87	7.80	8.75	9.72	10.71	10.71	8 / 1			
reaction time 0.117 interval		1.11	1.00	0.96	0.94	0.94	0.93	0.95	0.97	0.99		# of strides	4.03	2.84	2.85
wind -0.2 m/s velocity	5.21	9.01	10.00	10.42	10.64	10.64	10.75	10.53	10.31	10.10	9.34		7.44	10.56	10.53

Okubo, Daichi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)												*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*			
date 03-Aug-18 time	1.96	3.06	4.05	5.00	5.92	6.85	7.79	8.73	9.70	10.68	10.68	3 / 5			
reaction time interval		1.10	0.99	0.95	0.92	0.93	0.94	0.94	0.97	0.98		# of strides	4.05	2.80	2.85
wind -0.3 m/s velocity	5.10	9.09	10.10	10.53	10.87	10.75	10.64	10.64	10.31	10.20	9.36	50.2	7.41	10.71	10.53

Øien, Vegard (NOR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.17			7.07		8.99		10.97	10.97	/ 2			
reaction time interval						2.90		1.92		1.98		# of strides	4.17	2.90	
wind 2.5 m/s velocity			7.19			10.34		10.42		10.10	9.12		7.19	10.34	
F FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11 time			4.32			7.34		9.36		11.40	11.40	2 / 3			
reaction time interval						3.02		2.02		2.04		# of strides	4.32	3.02	
wind 1.6 m/s velocity			6.94			9.93		9.90		9.80	8.77		6.94	9.93	

Olofsson, Ludwig (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.30			7.32				11.38	11.38	6 / 3			
reaction time interval						3.02				4.06		# of strides	4.30	3.02	
wind 0.6 m/s velocity			6.98			9.93				9.85	8.79		6.98	9.93	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.30			7.31				11.49	11.49	1 / 7			
reaction time interval						3.01				4.18		# of strides	4.30	3.01	
wind 0.7 m/s velocity			6.98			9.97				9.57	8.70		6.98	9.97	

Olsson, Benjamin (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12 time			4.11			6.92		8.75		10.64	10.64	/ 5			
reaction time interval						2.81		1.83		1.89		# of strides	4.11	2.81	
wind 0.1 m/s velocity			7.30			10.68		10.93		10.58	9.40		7.30	10.68	

Omanyala, Ferdinand (KEN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	1.90	2.96	3.92	4.83	5.71	6.59	7.48	8.38	9.30	10.25	10.25	7 / 9			
reaction time	0.146	interval		1.06	0.96	0.91	0.88	0.88	0.89	0.90	0.92	0.95		# of strides	3.92	2.67	2.71
wind	0.5 m/s	velocity	5.26	9.43	10.42	10.99	11.36	11.36	11.24	11.11	10.87	10.53	9.76	48.0	7.65	11.24	11.07

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

date	26-Apr-25	time	1.95	3.00	3.94	4.85	5.72	6.60	7.47	8.35	9.24	10.13	10.13	3 / 2			
reaction time	0.149	interval		1.05	0.94	0.91	0.87	0.88	0.87	0.88	0.89	0.89		# of strides	3.94	2.66	2.64
wind	0.2 m/s	velocity	5.13	9.52	10.64	10.99	11.49	11.36	11.49	11.36	11.24	11.24	9.87	48.0	7.61	11.28	11.36

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

date	14-Sep-24	time	1.89	2.95	3.88	4.78	5.66	6.52	7.40	8.27	9.17	10.07	10.07	5 / 1			
reaction time	0.126	interval		1.06	0.93	0.90	0.88	0.86	0.88	0.87	0.90	0.90		# of strides	3.88	2.64	2.65
wind	0.0 m/s	velocity	5.29	9.43	10.75	11.11	11.36	11.63	11.36	11.49	11.11	11.11	9.93		7.73	11.36	11.32

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

date	30-Aug-24	time	1.89	2.95	3.89	4.77	5.65	6.51	7.37	8.26	9.15	10.08	10.08	7 / 7			
reaction time	0.138	interval		1.06	0.94	0.88	0.88	0.86	0.86	0.89	0.89	0.93		# of strides	3.89	2.62	2.64
wind	0.3 m/s	velocity	5.29	9.43	10.64	11.36	11.36	11.63	11.63	11.24	11.24	10.75	9.92	47.5	7.71	11.45	11.36

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

date	25-Aug-24	time	1.88	2.93	3.86	4.73	5.58	6.42	7.26	8.12	8.99	9.88	9.88	3 / 2			
reaction time	0.139	interval		1.05	0.93	0.87	0.85	0.84	0.84	0.86	0.87	0.89		# of strides	3.86	2.56	2.57
wind	1.9 m/s	velocity	5.32	9.52	10.75	11.49	11.76	11.90	11.90	11.63	11.49	11.24	10.12	47.0	7.77	11.72	11.67

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

date	04-Aug-24	time	1.91	2.96	3.89	4.78	5.64	6.50	7.37	8.24	9.15	10.08	10.08	6 / 1			
reaction time	0.145	interval		1.05	0.93	0.89	0.86	0.86	0.87	0.87	0.91	0.93		# of strides	3.89	2.61	2.65
wind	0.5 m/s	velocity	5.24	9.52	10.75	11.24	11.63	11.63	11.49	11.49	10.99	10.75	9.92	48.0	7.71	11.49	11.32

Heat 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.91	2.96	3.91	4.80	5.67	6.52	7.39	8.25	9.14	10.08	10.08	2 / 1			
reaction time	0.148	interval		1.05	0.95	0.89	0.87	0.85	0.87	0.86	0.89	0.94		# of strides	3.91	2.61	2.62
wind	0.2 m/s	velocity	5.24	9.52	10.53	11.24	11.49	11.76	11.49	11.63	11.24	10.64	9.92	47.2	7.67	11.49	11.45

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

date	25-May-24	time	1.92	2.97	3.91	4.79	5.65	6.51	7.35	8.22	9.10	9.98	9.98	4 / 2			
reaction time	0.137	interval		1.05	0.94	0.88	0.86	0.86	0.84	0.87	0.88	0.88		# of strides	3.91	2.60	2.59
wind	1.2 m/s	velocity	5.21	9.52	10.64	11.36	11.63	11.63	11.90	11.49	11.36	11.36	10.02	47.0	7.67	11.54	11.58

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

date	16-Sep-23	time	1.91	2.92	3.84	4.71	5.56	6.40	7.24	8.10	8.97	9.85	9.85	3 / 3			
reaction time	0.135	interval		1.01	0.92	0.87	0.85	0.84	0.84	0.86	0.87	0.88		# of strides	3.84	2.56	2.57
wind	0.1 m/s	velocity	5.24	9.90	10.87	11.49	11.76	11.90	11.90	11.63	11.49	11.36	10.15	47.5	7.81	11.72	11.67

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

date	21-Jul-23	time	1.91	2.95	3.88	4.75	5.61	6.47	7.32	8.18	9.05	9.92	9.92	4 / 1			
reaction time	0.156	interval		1.04	0.93	0.87	0.86	0.86	0.85	0.86	0.87	0.87		# of strides	3.88	2.59	2.58
wind	0.6 m/s	velocity	5.24	9.62	10.75	11.49	11.63	11.63	11.76	11.63	11.49	11.49	10.08	48.0	7.73	11.58	11.63

FINAL - 2023 Meeting de Paris (Paris, FRA) *Omega Timing (2023) - diamond league race analysis*

date	09-Jun-23	time	1.90	2.94	3.87	4.74	5.61	6.48	7.33	8.19	9.07	9.98	9.98	6 / 2			
reaction time	0.159	interval		1.04	0.93	0.87	0.87	0.87	0.85	0.86	0.88	0.91		# of strides	3.87	2.61	2.59
wind	-0.9 m/s	velocity	5.26	9.62	10.75	11.49	11.49	11.49	11.76	11.63	11.36	10.99	10.02	48.0	7.75	11.49	11.58

FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA) *Omega Timing (2023) - diamond league race analysis*

date	02-Jun-23	time	1.94	2.97	3.90	4.79	5.66	6.53	7.38	8.26	9.14	10.05	10.05	7 / 2			
reaction time	0.172	interval		1.03	0.93	0.89	0.87	0.87	0.85	0.88	0.88	0.91		# of strides	3.90	2.63	2.61
wind	0.0 m/s	velocity	5.15	9.71	10.75	11.24	11.49	11.47	11.79	11.36	11.36	10.99	9.95	48.0	7.69	11.40	11.50

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.91	2.98	3.90	4.78	5.65	6.51	7.36	8.26	9.12	10.05	10.05	4 / 3			
reaction time	0.164	interval		1.07	0.92	0.88	0.87	0.86	0.85	0.90	0.86	0.93		# of strides	3.90	2.61	2.61
wind	0.1 m/s	velocity	5.24	9.35	10.87	11.36	11.49	11.63	11.76	11.11	11.63	10.75	9.95	47.5	7.69	11.49	11.49

FINAL - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.7		6.4		8.2		10.02	10.02	3 / 1			
reaction time		interval				1.80		1.70		1.80		1.82		# of strides			
wind	-0.9 m/s	velocity		6.90		11.11		11.76		11.11		10.99	9.98	48.7			

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.7		6.5		8.2		10.02	10.02	5 / 1			

reaction time	0.144	interval				1.80		1.80		1.70		1.82		# of strides		
wind	-1.2 m/s	velocity		6.90		11.11		11.11		11.76		10.99	9.98	48.0		

Omole, Demi (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time			3.93		5.76	6.66				6.66	5 / 5			
reaction time 0.137	interval					1.83	0.90					# of strides	3.93	2.73	
	velocity			7.63		10.93	11.11				9.01	30.2	7.63	10.99	
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time			3.89		5.70	6.60				6.60	5 / 1			
reaction time 0.135	interval					1.81	0.90					# of strides	3.89	2.71	
	velocity			7.71		11.05	11.11				9.09	30.2	7.71	11.07	
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08	time	1.98	3.04	3.95	4.93	5.82	6.72	7.60	8.52	9.52	10.49	10.49	3 / 8			
reaction time	interval		1.06	0.91	0.98	0.89	0.90	0.88	0.92	1.00	0.97		# of strides	3.95	2.77	2.80
wind 1.7 m/s	velocity	5.05	9.43	10.99	10.20	11.24	11.11	11.36	10.87	10.00	10.31	9.53		7.59	10.83	10.71
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06	time	1.96	2.99	3.92	4.82	5.71	6.64	7.54	8.46	9.43	10.35	10.35	8 / ~~5~~ 4			
reaction time	interval		1.03	0.93	0.90	0.89	0.93	0.90	0.92	0.97	0.92		# of strides	3.92	2.72	2.79
wind -1.2 m/s	velocity	5.10	9.71	10.75	11.11	11.24	10.75	11.11	10.87	10.31	10.87	9.66	47.0	7.65	11.03	10.75

Omurwa, Ferdinand (KEN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Memorial van Damme (Brussels, BEL)												*Omega Timing (2021) - diamond league race analysis*			
date 03-Sep-21	time		3.0		4.8		6.6		8.3		10.02	10.02	6 / 4			
reaction time 0.134	interval				1.80		1.80		1.70		1.72		# of strides			
wind 0.1 m/s	velocity		6.67		11.11		11.11		11.76		11.63	9.98	47.3			

O'Neal, Kenny (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03	time	2.00	3.07	4.05	4.96	5.87	6.74	7.62	8.56	9.49	10.40	10.40	3 / 2			
reaction time	interval		1.07	0.98	0.91	0.91	0.87	0.88	0.94	0.93	0.91		# of strides	4.05	2.69	2.75
wind 0.0 m/s	velocity	5.00	9.35	10.20	10.99	10.99	11.49	11.36	10.64	10.75	10.99	9.62		7.41	11.15	10.91

Onabuta, Yu (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)												*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date 23-Sep-18	time	1.93	3.01	3.99	4.92	5.83	6.73	7.62	8.52	9.42	10.34	10.34	4 / 4			
reaction time 0.147	interval		1.08	0.98	0.93	0.91	0.90	0.89	0.90	0.90	0.92		# of strides	3.99	2.74	2.69
wind 0.0 m/s	velocity	5.18	9.26	10.20	10.75	10.99	11.11	11.24	11.11	11.11	10.87	9.67	51.2	7.52	10.95	11.15
Heat 5 - 2015 Japanese National Championships (Niigata, JPN)												*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
date 27-Jun-15	time	1.92	2.99	3.95	4.88	5.79	6.69	7.59	8.51	9.43	10.39	10.39	5 / 2			
reaction time 0.130	interval		1.07	0.96	0.93	0.91	0.90	0.90	0.92	0.92	0.96		# of strides	3.95	2.74	2.74
wind 0.7 m/s	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.11	10.87	10.87	10.42	9.62	51.0	7.59	10.95	10.95
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date 04-Aug-11	time					6.01	6.95	7.87	8.82	9.79	10.78	10.78	9 / 8			
reaction time	interval						0.94	0.92	0.95	0.97	0.99		# of strides			2.84
wind -0.5 m/s	velocity					8.32	10.64	10.87	10.53	10.31	10.10	9.28				10.56
FINAL - 2009 Japanese National High School Championships (Nara, JPN)												*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-09	time			4.00	4.92	5.85	6.77	7.70	8.63		10.56	10.56	5 / 3			
reaction time	interval				0.92	0.93	0.92	0.93	0.93		1.93		# of strides	4.00	2.77	
wind 1.1 m/s	velocity			7.50	10.87	10.75	10.87	10.75	10.75		10.36	9.47		7.50	10.83	

Ondráček, Jan (CZE) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time		3.17		5.18		7.07		8.99		10.96	10.96	6 / 3			
reaction time 0.146	interval				2.01		1.89		1.92		1.97		# of strides			
wind -1.2 m/s	velocity		6.31		9.95		10.58		10.42		10.15	9.12				

Ono, Akiyoshi (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)												*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
date 31-Jul-14	time	1.98	3.06	4.06	5.01	5.95	6.89	7.83	8.79	9.76	10.75	10.75	/ 4			
reaction time	interval		1.08	1.00	0.95	0.94	0.94	0.94	0.96	0.97	0.99		# of strides	4.06	2.83	2.87
wind -2.0 m/s	velocity	5.05	9.26	10.00	10.53	10.64	10.64	10.64	10.42	10.31	10.10	9.30		7.39	10.60	10.45

Oriala, Chinedu (NGR) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time		3.01	3.99	4.92		6.74		8.59		10.44	10.44	/ 5			

reaction time	0.190	interval		0.98	0.93		1.82		1.85		1.85		# of strides	3.99	2.75	
wind	0.2 m/s	velocity	6.64	10.20	10.75		10.99		10.81		10.81	9.58		7.52	10.91	

Orlandi, Alessandro (ITA) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 1994 Italian National Championships (Naples, ITA)												*Locatelli (2000) - the mechanics and energetics of the 100m sprint*			
date 04-Jul-97 time	1.86	3.00	3.96	4.88	5.77	6.68				10.45	10.45	/ 3			
reaction time	interval	1.14	0.96	0.92	0.89	0.91				3.77	**PB**	# of strides	3.96	2.72	
wind 1.0 m/s	velocity	5.38	8.77	10.42	10.87	11.24	10.99			10.61	9.57		7.58	11.03	

Osaisai, Wopamo (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05 time	3.04	4.06	4.96	5.93	6.84	7.74	8.69	9.64	10.58	10.58	8 / 2				
reaction time	interval	1.02	0.90	0.97	0.91	0.90	0.95	0.95	0.94		# of strides	4.06	2.78	2.80	
wind -0.4 m/s	velocity	6.58	9.80	11.11	10.31	10.99	11.11	10.53	10.53	10.64	9.45		7.39	10.79	10.71

Oseto, Kazuma (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Fuse Sprint (Fuse, JPN)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date 04-Jun-17 time	1.88	2.96	3.92	4.85	5.76	6.66	7.57	8.49	9.44	10.41	10.41	/ 5			
reaction time	interval	1.08	0.96	0.93	0.91	0.90	0.91	0.92	0.95	0.97		# of strides	3.92	2.74	2.78
wind 2.1 m/s	velocity	5.32	9.26	10.42	10.75	10.99	11.11	10.99	10.87	10.53	10.31	9.61	48.0	7.65	10.95	10.79
FINAL - 2016 Fuse Sprint (Tottori, JPN)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
date 05-Jun-16 time	1.92	2.97	3.92	4.84	5.73	6.64	7.55	8.47	9.39	10.31	10.31	/ 4			
reaction time	interval	1.05	0.95	0.92	0.89	0.91	0.91	0.92	0.92	0.92		# of strides	3.92	2.72	2.75
wind -0.5 m/s	velocity	5.21	9.52	10.53	10.87	11.24	10.99	10.99	10.87	10.87	10.87	9.70	49.6	7.65	11.03	10.91
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 11-May-14 time	1.88	2.95	3.91	4.86	5.78	6.71	7.64	8.58	9.52	10.47	10.47	1 / 6			
reaction time	interval	1.07	0.96	0.95	0.92	0.93	0.93	0.94	0.94	0.95		# of strides	3.91	2.80	2.81
wind -3.5 m/s	velocity	5.32	9.35	10.42	10.53	10.87	10.75	10.75	10.64	10.64	10.53	9.55	46.9	7.67	10.71	10.68
Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date 29-Apr-14 time	1.88	2.94	3.89	4.81	5.72	6.62	7.51	8.41	9.32	10.25	10.25	3 / 3			
reaction time	interval	1.06	0.95	0.92	0.91	0.90	0.89	0.90	0.91	0.93		# of strides	3.89	2.73	2.70
wind 2.0 m/s	velocity	5.32	9.43	10.53	10.87	10.99	11.11	11.24	11.11	10.99	10.75	9.76	48.6	7.71	10.99	11.11
Race B - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14 time	1.92	2.96	3.91	4.84	5.75	6.66	7.58	8.50	9.44	10.40	10.40	4 / 2			
reaction time	interval	1.04	0.95	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	3.91	2.75	2.78
wind 0.6 m/s	velocity	5.21	9.62	10.53	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.62	49.2	7.67	10.91	10.79
Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14 time	1.93	2.99	3.95	4.88	5.79	6.69	7.60	8.52	9.45	10.40	10.40	5 / 2			
reaction time	interval	1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.93	0.95		# of strides	3.95	2.74	2.76
wind 1.8 m/s	velocity	5.18	9.43	10.42	10.75	10.99	11.11	10.99	10.87	10.75	10.53	9.62	49.0	7.59	10.95	10.87
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)												*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-12 time					5.81	6.69	7.61	8.54	9.49	10.47	10.47	4 / 1			
reaction time	interval					0.88	0.92	0.93	0.95	0.98		# of strides			2.80
wind 0.0 m/s	velocity				8.61	11.36	10.87	10.75	10.53	10.20	9.55				10.71
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date 29-Apr-12 time	1.92	2.96	3.90	4.81	5.70	6.60	7.50	8.39	9.30	10.23	10.23	7 / 3			
reaction time	interval	1.04	0.94	0.91	0.89	0.90	0.90	0.89	0.91	0.93	**NJR / PB**	# of strides	3.90	2.70	2.70
wind 1.3 m/s	velocity	5.21	9.62	10.64	10.99	11.24	11.11	11.11	11.24	10.99	10.75	9.78	47.2	7.69	11.11	11.11
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date 04-Aug-11 time					5.82	6.73	7.68	8.64	9.62	10.63	10.63	7 / 2			
reaction time	interval					0.91	0.95	0.96	0.98	1.01		# of strides			2.89
wind -0.5 m/s	velocity				8.59	10.99	10.53	10.42	10.20	9.90	9.41				10.38
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)												*Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-10 time	1.92	3.01		5.02	5.99	6.97	7.95	8.70	9.94	10.99	10.99	1 / 8			
reaction time	interval	1.09		2.01	0.97	0.98	0.98	0.75	1.24	1.05		# of strides			2.97
wind -2.1 m/s	velocity	5.21	9.17		9.95	10.31	10.20	10.20	13.33	8.06	9.52	9.10			10.10

Oshima, Kenta (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)												*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-15 time			3.90	4.82	5.75	6.63	7.53	8.41	9.35	10.29	10.29	/ 1			
reaction time	interval			0.92	0.93	0.88	0.90	0.88	0.94	0.94	**PB**	# of strides	3.90	2.73	2.72
wind -0.8 m/s	velocity		7.69	10.87	10.75	11.36	11.11	11.36	10.64	10.64	9.72		7.69	10.99	11.03

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

date	31-Jul-14	time	1.92	3.01	4.00	4.95	5.89	6.82	7.75	8.70	9.66	10.37	10.64	/ 1			
reaction time		interval		1.09	0.99	0.95	0.94	0.93	0.93	0.95	0.96	0.71		# of strides	4.00	2.82	2.84
wind	-2.0 m/s	velocity	5.21	9.17	10.10	10.53	10.64	10.75	10.75	10.53	10.42	14.08	9.40		7.50	10.64	10.56

Osovnikar, Matic (SLO) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.04	4.03	4.97		6.82		8.64		10.52	10.52	5 / 5			
reaction time	0.175	interval			0.99	0.94		1.85		1.82		1.88		# of strides	4.03	2.79	
wind	-0.4 m/s	velocity		6.58	10.10	10.64		10.81		10.99		10.64	9.51		7.44	10.75	

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time		3.05	4.01	4.92		6.73		8.53		10.35	10.35	8 / 7			
reaction time	0.207	interval			0.96	0.91		1.81		1.80		1.82		# of strides	4.01	2.72	
wind	-0.3 m/s	velocity		6.56	10.42	10.99		11.05		11.11		10.99	9.66		7.48	11.03	

Semi-Final 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.99	3.97	4.91		6.73		8.58		10.49	10.46	/ ~~8~~ 7			
reaction time	0.166	interval			0.98	0.94		1.82		1.85		1.91		# of strides	3.97	2.76	
wind	0.0 m/s	velocity		6.69	10.20	10.64		10.99		10.81		10.47	9.56		7.56	10.87	

Östli, Philip (NOR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

G FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-13	time			4.29			7.37		9.44		11.60	11.60	4 / 1			
reaction time		interval						3.08		2.07		2.16		# of strides	4.29	3.08	
wind	1.6 m/s	velocity			6.99			9.74		9.66		9.26	8.62		6.99	9.74	

Ostwald, Ronny (GER) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2001 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	31-Aug-01	time		3.01	3.98	4.91		6.74		8.61		10.55	10.55	/ 8			
reaction time	0.151	interval			0.97	0.93		1.83		1.87		1.94		# of strides	3.98	2.76	
wind	0.6 m/s	velocity		6.64	10.31	10.75		10.93		10.70		10.31	9.48		7.54	10.87	

Otani, Tomoki (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time			4.22			7.27			10.40	11.52	11.52	2 / 8			
reaction time		interval						3.05			3.13	1.12		# of strides	4.22	3.05	3.13
wind	0.5 m/s	velocity			7.11			9.84			9.58	8.93	8.68	47.5	7.11	9.84	9.58

Otobe, Takumi (JPN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 1 - 2014 Nittai University Distance Meeting (Wakayama, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	26-Apr-14	time	1.96	3.04	4.01	4.93	5.85	6.77	7.69	8.63	9.59	10.57	10.57	3 / 1			
reaction time		interval		1.08	0.97	0.92	0.92	0.92	0.92	0.94	0.96	0.98	PB	# of strides	4.01	2.76	2.82
wind	1.6 m/s	velocity	5.10	9.26	10.31	10.87	10.87	10.87	10.87	10.64	10.42	10.20	9.46		7.48	10.87	10.64

Otugade, John (GBR) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 3 - 2025 European Athletics Indoor Championships (Apeldoorn, NED) *European Athletics (2025) - european athletics indoor championships results book*

date	08-Mar-25	time	1.95	3.00	3.96	4.87	5.77	6.67					6.67	2 / 5			
reaction time	0.130	interval		1.05	0.96	0.91	0.90	0.90						# of strides	3.96	2.71	
		velocity	5.13	9.52	10.42	10.99	11.11	11.11					9.00		7.58	11.07	

Ouhadi, Aziz (MAR) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.02	3.99	4.92		6.75		8.56		10.40	10.40	4 / 4			
reaction time	0.148	interval			0.97	0.93		1.83		1.81		1.84		# of strides	3.99	2.76	
wind	-0.4 m/s	velocity		6.62	10.31	10.75		10.93		11.05		10.87	9.62		7.52	10.87	

Oya, Shunsuke (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.08			7.00			10.08	11.16	11.16	8 / 6			
reaction time		interval						2.92			3.08	1.08		# of strides	4.08	2.92	3.08
wind	1.5 m/s	velocity			7.35			10.27			9.74	9.26	8.96	52.5	7.35	10.27	9.74

Özer, Kayhan (TUR) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	1.91	3.00	3.95	4.88	5.78	6.68	7.60	8.50	9.44	10.34	10.34	8 / 7			
reaction time	0.135	interval		1.09	0.95	0.93	0.90	0.90	0.92	0.90	0.94	0.90		# of strides	3.95	2.73	2.76
wind	0.6 m/s	velocity	5.24	9.17	10.53	10.75	11.11	11.11	10.87	11.11	10.64	11.11	9.67	47.0	7.59	10.99	10.87

FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*

date	28-May-21	time		3.1		5.0		6.8		8.7		10.48	10.48	6 / 5			
reaction time	0.142	interval				1.90		1.80		1.90		1.78		# of strides			

wind	0.9 m/s	velocity		6.45		10.53		11.11		10.53		11.24	9.54	47.0			

Padgett, Travis (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 29-Jun-08 time	1.95	2.95	3.86	4.76	5.58	6.46	7.28	8.11	8.99	9.85	9.85	6 / 4			
reaction time 0.153 interval		1.00	0.91	0.90	0.82	0.88	0.82	0.83	0.88	0.86		# of strides	3.86	2.60	2.53
wind 4.1 m/s velocity	5.13	10.00	10.99	11.11	12.20	11.36	12.20	12.05	11.36	11.63	10.15	49.2	7.77	11.54	11.86
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 29-Jun-08 time	1.95	2.98	3.91	4.85	5.71	6.59	7.44	8.32	9.19	10.11	10.11	4 / 2			
reaction time interval		1.03	0.93	0.94	0.86	0.88	0.85	0.88	0.87	0.92		# of strides	3.91	2.68	2.60
wind 0.5 m/s velocity	5.13	9.71	10.75	10.64	11.63	11.36	11.76	11.36	11.49	10.87	9.89	49.5	7.67	11.19	11.54
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 28-Jun-08 time	1.83	2.90	3.86	4.75	5.60	6.44	7.32	8.14	9.01	9.89	9.89	3 / 1			
reaction time interval		1.07	0.96	0.89	0.85	0.84	0.88	0.82	0.87	0.88	PB	# of strides	3.86	2.58	2.57
wind 1.6 m/s velocity	5.46	9.35	10.42	11.24	11.76	11.90	11.36	12.20	11.49	11.36	10.11	48.5	7.77	11.63	11.67
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)											*USATF Women's Sprint Development with HPC (2008)*				
date 28-Jun-08 time	1.91	2.98	3.88	4.80	5.65	6.51	7.40	8.26	9.14	10.06	10.06	7 / 1			
reaction time interval		1.07	0.90	0.92	0.85	0.86	0.89	0.86	0.88	0.92		# of strides	3.88	2.63	2.63
wind 1.8 m/s velocity	5.24	9.35	11.11	10.87	11.76	11.63	11.24	11.63	11.36	10.87	9.94		7.73	11.41	11.41

Palacios, Rolando (HON) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 15-Aug-09 time		3.06	4.01	4.91		6.70		8.45		10.24	10.24	2 / 6			
reaction time 0.215 interval			0.95	0.90		1.79		1.75		1.79		# of strides	4.01	2.69	
wind 0.1 m/s velocity		6.54	10.53	11.11		11.17		11.43		11.17	9.77		7.48	11.15	
Heat 8 - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 15-Aug-09 time		3.02	3.98	4.90		6.71		8.48		10.28	10.28	1 / 5			
reaction time 0.178 interval			0.96	0.92		1.81		1.77		1.80		# of strides	3.98	2.73	
wind 0.0 m/s velocity		6.62	10.42	10.87		11.05		11.30		11.11	9.73		7.54	10.99	

Papadiás, Harálabos (GRE) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 1 - 2001 European Cup (Bremen, GER)											*Graubner (2007) - http://www.fgs.uni-halle.de*				
date 23-Jun-01 time		3.10	4.05	4.95		6.82		8.62		10.52	10.52	/ 3			
reaction time 0.217 interval			0.95	0.90		1.87		1.80		1.90		# of strides	4.05	2.77	
wind 0.6 m/s velocity		6.45	10.53	11.11		10.70		11.11		10.53	9.51		7.41	10.83	

Parker, Earvin (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)											*USATF Women's Sprint Development (2003)*				
date 22-Jun-03 time	1.93	3.08	4.07	5.00	5.92	6.84	7.72	8.64	9.54	10.48	10.48	5 / 4			
reaction time interval		1.15	0.99	0.93	0.92	0.92	0.88	0.92	0.90	0.94		# of strides	4.07	2.77	2.70
wind 0.0 m/s velocity	5.18	8.70	10.10	10.75	10.87	10.87	11.36	10.87	11.11	10.64	9.54		7.37	10.83	11.11

Patros, David (FRA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 International French Championships (Bercy, FRA)											*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*				
date 10-Feb-96 time	1.90	2.97	3.95	4.88	5.77	6.70					6.70	/ 3			
reaction time interval		1.07	0.98	0.93	0.89	0.93						# of strides	3.95	2.75	
velocity	5.26	9.35	10.20	10.75	11.24	10.75					8.96		7.59	10.91	
Heat 2 - 1996 International French Championships (Bercy, FRA)											*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*				
date 10-Feb-96 time	1.84	2.93	3.89	4.82	5.74	6.67					6.67	/ 2			
reaction time interval		1.09	0.96	0.93	0.92	0.93						# of strides	3.89	2.78	
velocity	5.43	9.17	10.42	10.75	10.87	10.75					9.00		7.71	10.79	

Paulina, Hensley (NED) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat 1 - 2023 FBK Games (Hengelo, NED)											*Omega Timing (2023) - continental tour race analysis*				
date 04-Jun-23 time	1.93	3.03	4.00	4.93	5.84	6.75	7.65	8.55	9.46	10.40	10.40	5 / 3			
reaction time 0.110 interval		1.10	0.97	0.93	0.91	0.91	0.90	0.90	0.91	0.94		# of strides	4.00	2.75	2.71
wind 0.1 m/s velocity	5.18	9.09	10.31	10.75	10.99	10.99	11.11	11.11	10.99	10.64	9.62		7.50	10.91	11.07

Paulsson Bixo, Jonathan (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2014 Windsprint (Sundsvall, SWE)											*(2014) - www.ssg.se/windsprint/Splittider/*				
date 20-Jul-14 time			4.39			7.48		9.55		11.66	11.66	5 / 3			
reaction time interval						3.09		2.07		2.11		# of strides	4.39	3.09	
wind 1.6 m/s velocity			6.83			9.71		9.66		9.48	8.58		6.83	9.71	

Patton, Darvis (USA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 IAAF World Championships (Berlin, GER)											*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
date 16-Aug-09 time		2.96	3.93	4.85		6.65		8.42		10.34	10.34	7 / 8			

reaction time	0.149	interval		0.97	0.92	1.80	1.77	1.92		# of strides	3.93	2.72	
wind	0.9 m/s	velocity	6.76	10.31	10.87	11.11	11.30	10.42	9.67	46.1	7.63	11.03	

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	2.96	3.89	4.78	6.51	8.21	9.98	9.98	3 / 3			
reaction time	0.152	interval		0.93	0.89	1.73	1.70	1.77		# of strides	3.89	2.62	
wind	0.2 m/s	velocity	6.76	10.75	11.24	11.56	11.76	11.30	10.02	46.0	7.71	11.45	

Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.99	3.90	4.76	6.51	8.21	10.05	10.05	3 / 2			
reaction time	0.141	interval		0.91	0.86	1.75	1.70	1.84		# of strides	3.90	2.61	
wind	-0.4 m/s	velocity	6.69	10.99	11.63	11.43	11.76	10.87	9.95		7.69	11.49	

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

date	15-Aug-09	time	2.98	3.93	4.83	6.58	8.35	10.26	10.26	4 / 1			
reaction time	0.160	interval		0.95	0.90	1.75	1.77	1.91		# of strides	3.93	2.65	
wind	-0.2 m/s	velocity	6.71	10.53	11.11	11.43	11.30	10.47	9.75		7.63	11.32	

FINAL - 2008 Olympic Games (Beijing, CHN) *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time		3.89		6.55	8.28	10.03	10.03	3 / 8			
reaction time	0.142	interval				2.66	1.73	1.75		# of strides	3.89	2.66	
wind	0.0 m/s	velocity		7.71		11.28	11.56	11.43	9.97	45.2	7.71	11.28	

FINAL - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.97	2.98	3.89	4.77	5.60	6.47	7.29	8.11	8.93	9.84	9.84	5 / 3			
reaction time	0.169	interval		1.01	0.91	0.88	0.83	0.87	0.82	0.82	0.82	0.91		# of strides	3.89	2.58	2.46
wind	4.1 m/s	velocity	5.08	9.90	10.99	11.36	12.05	11.49	12.20	12.20	12.20	10.99	10.16	44.7	7.71	11.63	12.20

Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.96	2.98	3.90	4.83	5.67	6.52	7.40	8.26	9.14	10.04	10.04	5 / 1			
reaction time		interval		1.02	0.92	0.93	0.84	0.85	0.88	0.86	0.88	0.90		# of strides	3.90	2.62	2.62
wind	0.5 m/s	velocity	5.10	9.80	10.87	10.75	11.90	11.76	11.36	11.63	11.36	11.11	9.96	45.0	7.69	11.45	11.45

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.88	2.98	3.88	4.75	5.60	6.47	7.32	8.15	8.98	9.89	9.89	4 / 1			
reaction time		interval		1.10	0.90	0.87	0.85	0.87	0.85	0.83	0.83	0.91	PB	# of strides	3.88	2.59	2.51
wind	1.6 m/s	velocity	5.32	9.09	11.11	11.49	11.76	11.49	11.76	12.05	12.05	10.99	10.11	45.0	7.73	11.58	11.95

Heat 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.97	3.03	3.95	4.83	5.70	6.54	7.39	8.26	9.15	10.04	10.04	7 / 1			
reaction time		interval		1.06	0.92	0.88	0.87	0.84	0.85	0.87	0.89	0.89		# of strides	3.95	2.59	2.61
wind	1.4 m/s	velocity	5.08	9.43	10.87	11.36	11.49	11.90	11.76	11.49	11.24	11.24	9.96		7.59	11.58	11.49

Pavlakákis, Ággelos (GRE) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	1.95		3.95			6.63			10.24	10.24	/ 4			
reaction time	interval			2.00			2.68			3.61		# of strides	3.95	2.68	
wind 0.2 m/s	velocity	5.13		10.00			11.19			11.08	9.77		7.59	11.19	

Pavoni, Pierfrancesco (ITA) (1963)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA)												*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date 30-Aug-87	time			4.33	5.47						16.23	2 / ~~8~~ 7			
reaction time 0.163	interval				1.14							# of strides	4.33		
wind 1.0 m/s	velocity			6.93	8.77						6.16		6.93		

Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time		3.95		6.69		10.33	10.33	5 / ~~3~~ 2			
reaction time		interval				2.74		3.64		# of strides	3.95	2.74	
wind	-0.3 m/s	velocity		7.59		10.95		10.99	9.68	44.7	7.59	10.95	

Quarter-Final 3 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time		3.90		6.60		10.28	10.28	4 / 3			
reaction time		interval				2.70		3.68		# of strides	3.90	2.70	
wind	-0.1 m/s	velocity		7.69		11.11		10.87	9.73	45.0	7.69	11.11	

Heat 4 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time		4.01		6.67		10.24	10.24	/ 1			
reaction time		interval				2.66		3.57		# of strides	4.01	2.66	
wind	1.6 m/s	velocity		7.48		11.28		11.20	9.77		7.48	11.28	

Perrot, Eric (FRA) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 International French Championships (Bercy, FRA)												*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			

date	10-Feb-96	time	1.96	3.04	4.04	4.98	5.91	6.87				6.87	/ 6			
reaction time		interval		1.08	1.00	0.94	0.93	0.96					# of strides	4.04	2.83	
		velocity	5.10	9.26	10.00	10.64	10.75	10.42				8.73		7.43	10.60	

Heat 2 - 1996 International French Championships (Bercy, FRA) *Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.90	2.99	3.95	4.89	5.83	6.77				6.77	/ 4			
reaction time		interval		1.09	0.96	0.94	0.94	0.94					# of strides	3.95	2.82	
		velocity	5.26	9.17	10.42	10.64	10.64	10.64				8.86		7.59	10.64	

Persson, Daniel (SWE) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		4.09			6.97		8.91		10.97	10.97	/ 7			
reaction time	interval					2.88		1.94		2.06		# of strides	4.09	2.88	
wind 1.8 m/s	velocity		7.33			10.42		10.31		9.71	9.12		7.33	10.42	

Persson, Marcus (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.42			7.57		9.79		12.08	12.08	5 / 4			
reaction time	interval					3.15		2.22		2.29		# of strides	4.42	3.15	
wind 1.4 m/s	velocity		6.79			9.52		9.01		8.73	8.28		6.79	9.52	
E FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time		4.36			7.44		9.52		11.70	11.70	/ 3			
reaction time	interval					3.08		2.08		2.18		# of strides	4.36	3.08	
wind 1.6 m/s	velocity		6.88			9.74		9.62		9.17	8.55		6.88	9.74	

Perrin, Marc (SUI) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)												*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23	time 1.94	3.01	4.00	4.95	5.90	6.86	7.84	8.83	9.85	10.95	10.95	2 / 8			
reaction time 0.139	interval	1.07	0.99	0.95	0.95	0.96	0.98	0.99	1.02	1.10		# of strides	4.00	2.86	2.99
wind -0.8 m/s	velocity 5.15	9.35	10.10	10.53	10.53	10.42	10.20	10.10	9.80	9.09	9.13		7.50	10.49	10.03

Perry, Preston (USA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08	time 1.96	2.98	3.97	4.87	5.76	6.62	7.49	8.41	9.33	10.28	10.28	1 / 7			
reaction time	interval	1.02	0.99	0.90	0.89	0.86	0.87	0.92	0.92	0.95		# of strides	3.97	2.65	2.71
wind 0.8 m/s	velocity 5.10	9.80	10.10	11.11	11.24	11.63	11.49	10.87	10.87	10.53	9.73		7.56	11.32	11.07

Perry, Willie (USA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 22-Jun-06	time 2.02	3.09	4.01	4.94	5.79	6.66	7.51	8.36	9.24	10.12	10.12	4 / 1			
reaction time	interval	1.07	0.92	0.93	0.85	0.87	0.85	0.85	0.88	0.88	PB	# of strides	4.01	2.65	2.58
wind 1.5 m/s	velocity 4.95	9.35	10.87	10.75	11.76	11.49	11.76	11.76	11.36	11.36	9.88		7.48	11.32	11.63

Pešić, Darko (MNE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time 2.14	3.32	4.40	5.44	6.47	7.51	8.56	9.62	10.71	11.85	11.85	8 / 6			
reaction time 0.193	interval	1.18	1.08	1.04	1.03	1.04	1.05	1.06	1.09	1.14		# of strides	4.40	3.11	3.20
wind -0.3 m/s	velocity 4.67	8.47	9.26	9.62	9.71	9.62	9.52	9.43	9.17	8.77	8.44	44.0	6.82	9.65	9.38

Pessonneaux, Pierre-Alexis (FRA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09	time	3.04	4.03	4.97		6.81		8.68		10.58	10.58	/ 7			
reaction time 0.176	interval		0.99	0.94		1.84		1.87		1.90		# of strides	4.03	2.78	
wind 0.2 m/s	velocity	6.58	10.10	10.64		10.87		10.70		10.53	9.45		7.44	10.79	

Petrák, Miloslav (CZE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.04		5.02		6.94		8.93		11.00	11.00	7 / 4			
reaction time 0.140	interval			1.98		1.92		1.99		2.07		# of strides			
wind -3.2 m/s	velocity	6.58		10.10		10.42		10.05		9.66	9.09				

Pettersson, Andreas (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.59			7.85		9.99		12.20	12.20	/ 2			
reaction time	interval					3.26		2.14		2.21		# of strides	4.59	3.26	
wind 1.2 m/s	velocity		6.54			9.20		9.35		9.05	8.20		6.54	9.20	

Pettersen, Even (NOR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)												*Omega Timing (2021) - diamond league race analysis*			
date 01-Jul-21	time	3.1		5.0		6.9		8.8		10.70	10.70	4 / 3			
reaction time 0.125	interval			1.90		1.90		1.90		1.90		# of strides			

wind	0.2 m/s	velocity	6.45		10.53		10.53		10.53		10.53	9.35			

E FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.14			6.96		8.84		10.77	10.77	8 / 1		
reaction time		interval					2.82		1.88		1.93		# of strides	4.14	2.82
wind	2.8 m/s	velocity		7.25			10.64		10.64		10.36	9.29		7.25	10.64

Phillips, Dwight (USA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09	time		3.97		5.80	6.72					6.72	2 / 5			
reaction time 0.161	interval				1.83	0.92						# of strides	3.97	2.75	
	velocity		7.56		10.93	10.87					8.93	28.7	7.56	10.91	

Phiri, Gerald (ZAM) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 16-Aug-09	time	2.93	3.88	4.79		6.59		8.36		10.19	10.19	1 / 7			
reaction time 0.143	interval		0.95	0.91		1.80		1.77		1.83		# of strides	3.88	2.71	
wind -0.2 m/s	velocity	6.83	10.53	10.99		11.11		11.30		10.93	9.81	46.0	7.73	11.07	
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.93	3.87	4.77		6.57		8.33		10.16	10.16	5 / 4			
reaction time 0.146	interval		0.94	0.90		1.80		1.76		1.83		# of strides	3.87	2.70	
wind 0.4 m/s	velocity	6.83	10.64	11.11		11.11		11.36		10.93	9.84		7.75	11.11	
Heat 9 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 15-Aug-09	time	2.97	3.92	4.83		6.63		8.42		10.30	10.30	2 / 2			
reaction time 0.141	interval		0.95	0.91		1.80		1.79		1.88		# of strides	3.92	2.71	
wind -0.5 m/s	velocity	6.73	10.53	10.99		11.11		11.17		10.64	9.71		7.65	11.07	

Piaho, Amir (IRI)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Asian Indoor Championships (Doha, QAT)												*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*			
date 14-Feb-08	time	1.92	3.03	4.01	4.96	5.90	6.85					6.85	1 / 7		
reaction time	interval		1.11	0.98	0.95	0.94	0.95						# of strides	4.01	2.84
	velocity	5.21	9.01	10.20	10.53	10.64	10.53					8.76		7.48	10.56

Pieper, Christopher (GER) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10	time	3.10	4.08	5.01		6.88		8.81		10.81	10.81	/ 5			
reaction time	interval		0.98	0.93		1.87		1.93		2.00		# of strides	4.08	2.80	
wind 0.5 m/s	velocity	6.45	10.20	10.75		10.70		10.36		10.00	9.25		7.35	10.71	
Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10	time	3.11	4.09	5.03		6.91		8.82		10.78	10.78	/ 1			
reaction time	interval		0.98	0.94		1.88		1.91		1.96	PB	# of strides	4.09	2.82	
wind -0.4 m/s	velocity	6.43	10.20	10.64		10.64		10.47		10.20	9.28		7.33	10.64	

Pichonnaz, Alan (SUI) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)												*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23	time	2.10	3.22	4.22	5.18	6.12	7.06	8.01	8.97	9.95	10.94	10.94	1 / 7		
reaction time 0.173	interval		1.12	1.00	0.96	0.94	0.94	0.95	0.96	0.98	0.99		# of strides	4.22	2.84	2.89
wind -0.8 m/s	velocity	4.76	8.93	10.00	10.42	10.64	10.64	10.53	10.42	10.20	10.10	9.14		7.11	10.56	10.38

Pihl, Linus (SWE) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24	time	2.01	3.10	4.08	5.02	5.94	6.91	7.84	8.74	9.68	10.65	10.65	7 / 5		
reaction time 0.148	interval		1.09	0.98	0.94	0.92	0.97	0.93	0.90	0.94	0.97		# of strides	4.08	2.83	2.77
wind -1.6 m/s	velocity	4.98	9.17	10.20	10.64	10.87	10.31	10.75	11.11	10.64	10.31	9.39		7.35	10.60	10.83

Pilarczyk, Ryszard (POL) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01	time	2.99	3.96	4.89		6.72		8.54		10.41	10.41	/ 1			
reaction time 0.146	interval		0.97	0.93		1.83		1.82		1.87		# of strides	3.96	2.76	
wind 1.3 m/s	velocity	6.69	10.31	10.75		10.93		10.99		10.70	9.61		7.58	10.87	

Planchon, Jilcien (BEL) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)												*Omega Timing (2023) - diamond league race analysis*			
date 08-Sep-23	time	2.02	3.14	4.16	5.13	6.10	7.07	8.05	9.04	10.07	11.12	11.12	1 / 4		
reaction time 0.135	interval		1.12	1.02	0.97	0.97	0.97	0.98	0.99	1.03	1.05	PB	# of strides	4.16	2.91	3.00
wind -0.4 m/s	velocity	4.95	8.93	9.80	10.31	10.31	10.31	10.20	10.10	9.71	9.52	8.99		7.21	10.31	10.00

Plesse, Simon (SWE) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			

date	02-Jun-24	time	1.99	3.06	4.05	5.00	5.95	6.88	7.84	8.79	9.76	10.73	10.73	3 / 7			
reaction time	0.157	interval		1.07	0.99	0.95	0.95	0.93	0.96	0.95	0.97	0.97		# of strides	4.05	2.83	2.88
wind	-1.6 m/s	velocity	5.03	9.35	10.10	10.53	10.53	10.75	10.42	10.53	10.31	10.31	9.32		7.41	10.60	10.42

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.99	3.06	4.04	4.98	5.92	6.84	7.78	8.73	9.70	10.67	10.67	1 / 6			
reaction time	0.194	interval		1.07	0.98	0.94	0.94	0.92	0.94	0.95	0.97	0.97		# of strides	4.04	2.80	2.86
wind	-0.1 m/s	velocity	5.03	9.35	10.20	10.64	10.64	10.87	10.64	10.53	10.31	10.31	9.37		7.43	10.71	10.49

Pognon, Ronald (FRA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.99	3.94	4.85		6.64		8.42		10.27	10.27	7 / 7			
reaction time	0.149	interval		0.95	0.91		1.79		1.78		1.85		# of strides	3.94	2.70	
wind	-0.4 m/s	velocity	6.69	10.53	10.99		11.17		11.24		10.81	9.74		7.61	11.11	

Heat 7 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.03	3.98	4.89		6.71		8.49		10.35	10.35	6 / 3			
reaction time	0.124	interval		0.95	0.91		1.82		1.78		1.86		# of strides	3.98	2.73	
wind	0.4 m/s	velocity	6.60	10.53	10.99		10.99		11.24		10.75	9.66		7.54	10.99	

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	3.04	3.99	4.90		6.67		8.47		10.29	10.29	/ 7			
reaction time	0.143	interval		0.95	0.91		1.77		1.80		1.82		# of strides	3.99	2.68	
wind	1.4 m/s	velocity	6.58	10.53	10.99		11.30		11.11		10.99	9.72		7.52	11.19	

Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		4.01		5.85	6.75					6.75	3 / 6			
reaction time	0.142	interval				1.84	0.90						# of strides	4.01	2.74	
		velocity		7.48		10.87	11.11					8.89	29.0	7.48	10.95	

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

date	13-Sep-08	time	3.03	3.99	4.90	5.78	6.71	7.54	8.44		10.27	10.27	1 / 7			
reaction time	0.121	interval		0.96	0.91	0.88	0.93	0.83	0.90		1.83		# of strides	3.99	2.72	
wind	0.4 m/s	velocity	6.60	10.42	10.99	11.36	10.75	12.05	11.11		10.93	9.74		7.52	11.03	

Pogorelov, Aleksandr (RUS) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	19-Aug-09	time		3.17		5.15	7.07		8.97		10.95	10.95	7 / 1			
reaction time	0.168	interval				1.98	1.92		1.90		1.98		# of strides			
wind	-0.3 m/s	velocity		6.31		10.10	10.42		10.53		10.10	9.13				

Powell, Asafa (JAM) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) *PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*

date	25-Jan-19	time	2.13	3.15	4.09	5.01	5.89	6.71				6.71	7 / 5			
reaction time		interval		1.02	0.94	0.92	0.88	0.82					# of strides	4.09	2.62	
		velocity	4.69	9.80	10.64	10.87	11.36	12.20				8.94	29.2	7.33	11.45	

FINAL - 2015 Areva Diamond League Meeting (Saint-Denis, FRA) *Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/*

date	04-Jul-15	time			3.81		6.37		8.07		9.81	9.81	4 / 1			
reaction time		interval					2.56		1.70		1.74		# of strides	3.81	2.56	
wind	1.3 m/s	velocity			7.87		11.72		11.76		11.49	10.19	44.2	7.87	11.72	

FINAL - 2012 Olympic Games (London, GBR) *Zhang (2016) - analysis on the winning factors of the men's 100m race at the 30th Olympic Games*

date	05-Aug-12	time	1.85	2.86	3.75	4.60	5.46					11.99	3 / ~~8~~ 7			
reaction time	0.155	interval		1.01	0.89	0.85	0.86						# of strides	3.75		
wind	1.5 m/s	velocity	5.41	9.90	11.24	11.76	11.63					8.34		8.00		

FINAL - 2009 IAAF World Championships (Berlin, GER) *Graubner (2011) - biomechanical analysis of the sprint and hurdle- 2009 IAAF world championships in athletics*

date	16-Aug-09	time	1.88	2.90	3.83	4.71	5.56	6.40	7.24	8.09	8.95	9.84	9.84	6 / 3			
reaction time	0.134	interval		1.02	0.93	0.88	0.85	0.84	0.84	0.85	0.86	0.89		# of strides	3.83	2.57	2.55
wind	0.9 m/s	velocity	5.32	9.80	10.75	11.36	11.76	11.90	11.90	11.76	11.63	11.24	10.16	44.5	7.83	11.67	11.76

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

date	16-Aug-09	time	2.92	3.85	4.73		6.47		8.17		9.95	9.95	4 / 2			
reaction time	0.133	interval		0.93	0.88		1.74		1.70		1.78		# of strides	3.85	2.62	
wind	-0.2 m/s	velocity	6.85	10.75	11.36		11.49		11.76		11.24	10.05	43.5	7.79	11.45	

Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.89	3.81	4.69		6.41		8.10		9.95	9.95	1 / 1			
reaction time	0.130	interval		0.92	0.88		1.72		1.69		1.85		# of strides	3.81	2.60	
wind	-0.4 m/s	velocity	6.92	10.87	11.36		11.63		11.83		10.81	10.05		7.87	11.54	

Heat 3 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.90	3.83	4.72		6.56		8.44		10.38	10.38	3 / 3		
reaction time	0.120	interval		0.93	0.89		1.84		1.88		1.94		# of strides	3.83	2.73
wind	-0.4 m/s	velocity	6.90	10.75	11.24		10.87		10.64		10.31	9.63		7.83	10.99

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

date	13-Sep-08	time	2.95	3.88	4.76	5.61	6.47	7.27	8.14		9.87	9.87	5 / 1		
reaction time	0.153	interval		0.93	0.88	0.85	0.86	0.80	0.87		1.73		# of strides	3.88	2.59
wind	0.4 m/s	velocity	6.78	10.75	11.36	11.76	11.63	12.50	11.49		11.56	10.13	43.8	7.73	11.58

FINAL - 2008 Olympic Games (Beijing, CHN) — *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time		3.81			6.42		8.17		9.95	9.95	7 / 5		
reaction time	0.134	interval					2.61		1.75		1.78		# of strides	3.81	2.61
wind	0.0 m/s	velocity		7.87			11.49		11.43		11.24	10.05	44.2	7.87	11.49

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) — *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time	2.93	3.84	4.70		6.41		8.10		9.83	9.83	4 / 1		
reaction time	0.146	interval		0.91	0.86		1.71		1.69		1.73	**CR**	# of strides	3.84	2.57
wind	-0.3 m/s	velocity	6.83	10.99	11.63		11.70		11.83		11.56	10.17	44.9	7.81	11.67

FINAL - 2007 Memorial Van Damme (Brussels, BEL) — *ferrari (2009) - Split 100 metri uomini e donne (www.noivelocisti.net/forum?func=view&catid=9&id=1813)*

date	14-Sep-07	time	2.91	3.82	4.69	5.54	6.38	7.23	8.08	8.95	9.84	9.84	/ 1			
reaction time	0.148	interval		0.91	0.87	0.85	0.84	0.85	0.85	0.87	0.89		# of strides	3.82	2.56	2.57
wind	-0.3 m/s	velocity	6.87	10.99	11.49	11.76	11.90	11.76	11.76	11.49	11.24	10.16		7.85	11.72	11.67

FINAL - 2007 Rieti 2007 (Rieti, ITA) — *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	09-Sep-07	time	2.88	3.79	4.65	5.49	6.32	7.15	7.98	8.84	9.74	9.74	5 / 1			
reaction time	0.137	interval		0.91	0.86	0.84	0.83	0.83	0.83	0.86	0.90	**WR**	# of strides	3.79	2.53	2.52
wind	1.7 m/s	velocity	6.94	10.99	11.63	11.90	12.05	12.05	12.05	11.63	11.11	10.27	43.4	7.92	11.86	11.90

FINAL - 2007 IAAF World Championships (Osaka, JPN) — *Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*

date	26-Aug-07	time	1.87	2.91	3.83	4.71	5.57	6.42	7.28	8.15	9.03	9.96	9.96	4 / 3		
reaction time	0.145	interval		1.04	0.92	0.88	0.86	0.85	0.86	0.87	0.88	0.93		# of strides	3.83	2.59	2.61
wind	-0.5 m/s	velocity	5.35	9.62	10.87	11.36	11.63	11.76	11.63	11.49	11.36	10.75	10.04	46.0	7.83	11.58	11.49

Semi-Final 1 - 2007 IAAF World Championships (Osaka, JPN) — *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	26-Aug-07	time	1.89	2.93	3.84	4.71	5.57	6.44	7.32	8.22	9.14	10.08	10.08	4 / 2		
reaction time	0.156	interval		1.04	0.91	0.87	0.86	0.87	0.88	0.90	0.92	0.94		# of strides	3.84	2.60	2.70
wind	0.3 m/s	velocity	5.29	9.62	10.99	11.49	11.63	11.49	11.36	11.11	10.87	10.64	9.92	43.2	7.81	11.54	11.11

Quarter-Final 1 - 2007 IAAF World Championships (Osaka, JPN) — *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.85	2.88	3.80	4.67	5.53	6.39	7.24	8.13	9.05	10.01	10.01	7 / 1		
reaction time	0.150	interval		1.03	0.92	0.87	0.86	0.86	0.85	0.89	0.92	0.96		# of strides	3.80	2.59	2.66
wind	0.8 m/s	velocity	5.41	9.71	10.87	11.49	11.63	11.63	11.76	11.24	10.87	10.42	9.99	43.5	7.89	11.58	11.28

Heat 6 - 2007 IAAF World Championships (Osaka, JPN) — *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.88	2.91	3.88	4.77	5.68	6.58	7.49	8.42	9.36	10.34	10.34	3 / 2		
reaction time	0.165	interval		1.03	0.97	0.89	0.91	0.90	0.91	0.93	0.94	0.98		# of strides	3.88	2.70	2.78
wind	1.0 m/s	velocity	5.32	9.71	10.31	11.24	10.99	11.11	10.99	10.75	10.64	10.20	9.67		7.73	11.11	10.79

FINAL - 2006 Weltklasse (Zurich, SUI) — *Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15*

date	18-Aug-06	time	1.87	2.89	3.81	4.68	5.52	6.36	7.20	8.05	8.91	9.77	9.77	5 / 1		
reaction time	0.148	interval		1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.86	0.86	**=WR**	# of strides	3.81	2.55	2.55
wind	1.0 m/s	velocity	5.35	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.63	11.63	10.24	45.0	7.87	11.76	11.76

FINAL - 2006 Norwich Union (Gateshead, GBR) — *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	11-Jun-06	time	1.86	2.88	3.81	4.68	5.53	6.37	7.21	8.06	8.91	9.77	9.77	4 / 1		
reaction time	0.145	interval		1.02	0.93	0.87	0.85	0.84	0.84	0.85	0.85	0.86	**=WR**	# of strides	3.81	2.56	2.54
wind	1.5 m/s	velocity	5.38	9.80	10.75	11.49	11.76	11.90	11.90	11.76	11.76	11.63	10.24	45.0	7.87	11.72	11.81

FINAL - 2005 Tsikilitiria Super Grand Prix (Athens, GRE) — *Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15*

date	14-Jun-05	time	1.89	2.91	3.83	4.69	5.54	6.39	7.23	8.07	8.92	9.77	9.77	5 / 1		
reaction time	0.150	interval		1.02	0.92	0.86	0.85	0.85	0.84	0.84	0.85	0.85	**WR**	# of strides	3.83	2.56	2.53
wind	1.6 m/s	velocity	5.29	9.80	10.87	11.63	11.76	11.76	11.90	11.90	11.76	11.76	10.24	45.4	7.83	11.72	11.86

FINAL - 2005 Jamaica Invitational (Kingston, JAM) — *ferrari (2009) - Split 100 metri uomini e donne (www.noivelocisti.net/forum?func=view&catid=9&id=1813)*

date	07-May-05	time		3.84			6.41		8.10		9.84	9.84	/ 1		
reaction time	0.174	interval					2.57		1.69		1.74	**AR**	# of strides	3.84	2.57
wind	1.8 m/s	velocity		7.81			11.67		11.83		11.49	10.16	44.7	7.81	11.67

FINAL - 2004 Olympic Games (Athens, GRE) — *Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	22-Aug-04	time	1.88	2.92			5.60	6.46	7.31		9.05	9.94	9.94	6 / 5		

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

reaction time	0.166	interval		1.04		2.68	0.86	0.85		1.74	0.89		# of strides			2.59
wind	0.6 m\s	velocity	5.32	9.62		11.19	11.63	11.76		11.49	11.24	10.06	44.5			11.58

Pöyhönen, Markus (FIN) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 07-Aug-02	time	2.94	3.91	4.83		6.62		8.43		10.31	10.31	/ ~~5~~ 4			
reaction time 0.163	interval		0.97	0.92		1.79		1.81		1.88		# of strides	3.91	2.71	
wind -0.3 m/s	velocity	6.80	10.31	10.87		11.17		11.05		10.64	9.70		7.67	11.07	
Semi-Final 1 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 07-Aug-02	time	2.93	3.90	4.82		6.63		8.45		10.35	10.35	/ ~~4~~ 3			
reaction time 0.148	interval		0.97	0.92		1.81		1.82		1.90		# of strides	3.90	2.73	
wind 0.0 m/s	velocity	6.83	10.31	10.87		11.05		10.99		10.53	9.66		7.69	10.99	
Quarter-Final 2 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 06-Aug-02	time			4.79		6.60		8.42		10.32	10.32	/ 2			
reaction time 0.132	interval					1.81		1.82		1.90		# of strides			
wind 0.5 m/s	velocity			8.35		11.05		10.99		10.53	9.69				

Predanič, Rok (SLO) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2002 European Championships (Munich, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 07-Aug-02	time	2.93	3.90	4.82		6.63		8.45		10.33	10.33	/ 5			
reaction time 0.132	interval		0.97	0.92		1.81		1.82		1.88	**=PB**	# of strides	3.90	2.73	
wind 0.1 m/s	velocity	6.83	10.31	10.87		11.05		10.99		10.64	9.68		7.69	10.99	

Prenzler, Olaf (GDR) (1958)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR)												*Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*			
date 09-Jul-82	time		4.02			6.68		8.46		10.25	10.25	/ 3			
reaction time	interval					2.66		1.78		1.79		# of strides	4.02	2.66	
wind 2.1 m/s	velocity		7.46			11.28		11.24		11.17	9.76		7.46	11.28	

Prescod, Reece (GBR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24	time	1.95	3.03	3.99	4.90	5.79	6.65	7.52	8.38	9.25	10.14	10.14	4 / 2			
reaction time 0.148	interval		1.08	0.96	0.91	0.89	0.86	0.87	0.86	0.87	0.89		# of strides	3.99	2.66	2.60
wind 2.1 m/s	velocity	5.13	9.26	10.42	10.99	11.24	11.63	11.49	11.63	11.49	11.24	9.86		7.52	11.28	11.54
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23	time	1.92	2.99	3.93	4.83	5.71	6.58	7.45	8.32	9.21	10.14	10.14	4 / 2		
reaction time 0.110	interval		1.07	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.93		# of strides	3.93	2.65	2.63
wind 1.0 m/s	velocity	5.21	9.35	10.64	11.11	11.36	11.49	11.49	11.49	11.24	10.75	9.86	44.0	7.63	11.32	11.41
FINAL - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23	time	1.90	2.95	3.89	4.79	5.66	6.53	7.39	8.25	9.10	9.99	9.99	6 / 1		
reaction time 0.126	interval		1.05	0.94	0.90	0.87	0.87	0.86	0.86	0.85	0.89		# of strides	3.89	2.64	2.57
wind 0.4 m/s	velocity	5.26	9.52	10.64	11.11	11.49	11.49	11.63	11.63	11.76	11.24	10.01	43.5	7.71	11.36	11.67
FINAL - 2022 Weltklasse (Zürich, SUI)												*Omega Timing (2022) - diamond league race analysis*			
date 08-Sep-22	time	3.00		4.86		6.62		8.37		10.16	10.16	6 / 6			
reaction time 0.165	interval			1.86		1.76		1.75		1.79		# of strides			
wind -0.3 m/s	velocity	6.67		10.75		11.36		11.43		11.17	9.84	43.2			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22	time	3.05		4.90		6.64		8.37		10.15	10.15	6 / 2			
reaction time 0.163	interval			1.85		1.74		1.73		1.78		# of strides			
wind -0.5 m/s	velocity	6.56		10.81		11.49		11.56		11.24	9.85	43.7			
FINAL - 2022 Bislett Games (Oslo, NOR)												*Omega Timing (2022) - diamond league race analysis*			
date 16-Jun-22	time	2.99		4.85		6.60		8.32		10.06	10.06	3 / 2			
reaction time 0.135	interval			1.86		1.75		1.72		1.74		# of strides			
wind 0.5 m/s	velocity	6.69		10.75		11.43		11.63		11.49	9.94	43.7			
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)												*Omega Timing (2022) - diamond league race analysis*			
date 21-May-22	time	3.08		5.01		6.86		8.72		10.65	10.65	7 / 7			
reaction time 0.136	interval			1.93		1.85		1.86		1.93		# of strides			
wind -0.2 m/s	velocity	6.49		10.36		10.81		10.75		10.36	9.39	44.0			
FINAL - 2017 IAAF World Championships (London, GBR)												*Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*			
date 05-Aug-17	time	2.04	3.09	4.01	4.93	5.82	6.68	7.54	8.41	9.29	10.17	10.17	9 / 7		
reaction time 0.145	interval		1.05	0.92	0.92	0.89	0.86	0.86	0.87	0.88	0.88		# of strides	4.01	2.67	2.61
wind -0.8 m/s	velocity	4.90	9.52	10.87	10.87	11.24	11.63	11.63	11.49	11.36	11.36	9.83	44.1	7.48	11.24	11.49

Priam, Aymeric (FRA) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Meeting de Paris (Paris, FRA)												*Omega Timing (2022) - diamond league race analysis*			
date 18-Jun-22	time		3.00		4.88		6.69		8.50		10.35	10.35	1 / 4			
reaction time 0.144	interval				1.88		1.81		1.81		1.85		# of strides			
wind -1.6 m/s	velocity		6.67		10.64		11.05		11.05		10.81	9.66				

Pritchett, Matthieu (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05	time	1.95	3.04	4.06	5.02	5.94	6.85	7.78	8.73	9.66	10.63	10.63	5 / 3			
reaction time	interval		1.09	1.02	0.96	0.92	0.91	0.93	0.95	0.93	0.97		# of strides	4.06	2.79	2.81
wind -0.4 m/s	velocity	5.13	9.17	9.80	10.42	10.87	10.99	10.75	10.53	10.75	10.31	9.41		7.39	10.75	10.68

Procházka, Jáchym (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.06	3.16	4.20	5.18	6.13	7.09	8.05	9.02	10.00	11.01	11.01	6 / 1			
reaction time 0.181	interval		1.10	1.04	0.98	0.95	0.96	0.96	0.97	0.98	1.01		# of strides	4.20	2.89	2.91
wind -2.1 m/s	velocity	4.85	9.09	9.62	10.20	10.53	10.42	10.42	10.31	10.20	9.90	9.08		7.14	10.38	10.31
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.15		5.21		7.25		9.25		11.35	11.35	4 / 1			
reaction time 0.145	interval				2.06		2.04		2.00		2.10		# of strides			
wind -3.9 m/s	velocity		6.35		9.71		9.80		10.00		9.52	8.81				

Puggioni, Giovanni (ITA) (1966)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	2.01		4.03			6.75				10.40	10.40	/ 7			
reaction time	interval			2.02			2.72				3.65		# of strides	4.03	2.72	
wind 0.2 m/s	velocity	4.98		9.90			11.03				10.96	9.62		7.44	11.03	

Qiao Jichao (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 11 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23	time	2.08	3.18	4.20	5.19	6.15	7.11	8.07	9.05	10.04	11.06	11.06	7 / 8			
reaction time	interval		1.10	1.02	0.99	0.96	0.96	0.96	0.98	0.99	1.02		# of strides	4.20	2.91	2.93
wind -0.7 m/s	velocity	4.81	9.09	9.80	10.10	10.42	10.42	10.42	10.20	10.10	9.80	9.04	49.0	7.14	10.31	10.24
Heat 6 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23	time	2.03	3.13	4.15	5.12	6.10	7.04	8.01	8.97	9.95	10.95	10.95	9 / 4			
reaction time 0.170	interval		1.10	1.02	0.97	0.98	0.94	0.97	0.96	0.98	1.00		# of strides	4.15	2.89	2.91
wind -1.2 m/s	velocity	4.93	9.09	9.80	10.31	10.20	10.64	10.31	10.42	10.20	10.00	9.13	49.0	7.23	10.38	10.31
Heat 9 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 28-Feb-23	time	1.98	3.08	4.09	5.05	6.00	6.97					6.97	4 / 1			
reaction time 0.184	interval		1.10	1.01	0.96	0.95	0.97						# of strides	4.09	2.88	
	velocity	5.05	9.09	9.90	10.42	10.53	10.31					8.61	30.2	7.33	10.42	
B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 25-Feb-23	time	1.99	3.10	4.14	5.12	6.12	7.15					7.15	4 / 4			
reaction time 0.199	interval		1.11	1.04	0.98	1.00	1.03						# of strides	4.14	3.01	
	velocity	5.03	9.01	9.62	10.20	10.00	9.71					8.39	29.0	7.25	9.97	
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22	time	2.02	3.11	4.12	5.09	6.05	7.00	7.96	8.93	9.91	10.92	10.92	3 / 2			
reaction time 0.174	interval		1.09	1.01	0.97	0.96	0.95	0.96	0.97	0.98	1.01		# of strides	4.12	2.88	2.91
wind -0.1 m/s	velocity	4.95	9.17	9.90	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.16	49.0	7.28	10.42	10.31

Quainoo, Jeriel (GBR) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24	time	1.97	3.05	4.02	4.95	5.85	6.75	7.64	8.56	9.48	10.42	10.42	1 / 7			
reaction time 0.143	interval		1.08	0.97	0.93	0.90	0.90	0.89	0.92	0.92	0.94		# of strides	4.02	2.73	2.73
wind 2.1 m/s	velocity	5.08	9.26	10.31	10.75	11.11	11.11	11.24	10.87	10.87	10.64	9.60		7.46	10.99	10.99

Quan Jiafu (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 13 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-May-24	time	2.05	3.13	4.15	5.14		7.04	7.99	8.94	9.94	10.97	10.97	8 / 7			
reaction time 0.156	interval		1.08	1.02	0.99		1.90	0.95	0.95	1.00	1.03		# of strides	4.15	2.89	2.90
wind -0.7 m/s	velocity	4.88	9.26	9.80	10.10		10.53	10.53	10.53	10.00	9.71	9.12	49.0	7.23	10.38	10.34
Heat 10 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	1.99	3.09	4.07	5.00	5.91	6.89					6.89	1 / 3			
reaction time 0.157	interval		1.10	0.98	0.93	0.91	0.98					PB	# of strides	4.07	2.82	
	velocity	5.03	9.09	10.20	10.75	10.99	10.20					8.71	31.0	7.37	10.64	

Quan Yingrui (CHN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-May-23	time	1.97	3.03	3.99	4.94	5.87	6.80	7.73	8.66	9.61	10.57	10.57	5 / 2			
reaction time 0.165	interval		1.06	0.96	0.95	0.93	0.93	0.93	0.93	0.95	0.96		# of strides	3.99	2.81	2.81
wind -0.1 m/s	velocity	5.08	9.43	10.42	10.53	10.75	10.75	10.75	10.75	10.53	10.42	9.46	46.7	7.52	10.68	10.68
A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 28-Feb-23	time	1.97	2.98	3.94	4.85	5.77	6.69					6.69	4 / 1			
reaction time 0.161	interval		1.01	0.96	0.91	0.92	0.92						# of strides	3.94	2.75	
	velocity	5.08	9.90	10.42	10.99	10.87	10.87					8.97	29.7	7.61	10.91	
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												*Jiang (2019) - data analysis of men's sprint finals in the world championships trials*			
date 02-Aug-19	time	1.95	3.01	3.97	4.89	5.79	6.68	7.59	8.50	9.43	10.39	10.39	2 / 7			
reaction time	interval		1.06	0.96	0.92	0.90	0.89	0.91	0.91	0.93	0.96	PB	# of strides	3.97	2.71	2.75
wind 0.1 m/s	velocity	5.13	9.43	10.42	10.87	11.11	11.24	10.99	10.99	10.75	10.42	9.62	45.2	7.56	11.07	10.91

Quarrie, Don (JAM) (1951)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 Olympic Games (Montreal, CAN)												*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date 24-Jul-76	time			3.79			6.49		8.28		10.07	10.07	4 / 2			
reaction time	interval						2.70		1.79		1.79	PB	# of strides	3.79	2.70	
wind 0.0 m/s	velocity			7.92			11.11		11.17		11.17	9.93	47.0	7.92	11.11	

Quinn, Devin (USA) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Athletissima (Lausanne, SUI)												*Omega Timing (2019) - diamond league race analysis*			
date 05-Jul-19	time					5.8				10.19	10.19	3 / 6			
reaction time 0.151	interval									4.39		# of strides			
wind 0.2 m/s	velocity					8.62				11.39	9.81	45.0			

Rahman, Imran (BAN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.94	3.01	3.97	4.89	5.81	6.74	7.71	8.68	9.69	10.73	10.73	8 / 6			
reaction time 0.133	interval		1.07	0.96	0.92	0.92	0.93	0.97	0.97	1.01	1.04		# of strides	3.97	2.77	2.95
wind 0.3 m/s	velocity	5.15	9.35	10.42	10.87	10.87	10.75	10.31	10.31	9.90	9.62	9.32	49.0	7.56	10.83	10.17

Raja, Andres (EST) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time		3.11		5.08		6.98		8.87		10.82	10.82	3 / 7			
reaction time 0.159	interval				1.97		1.90		1.89		1.95		# of strides			
wind 0.2 m/s	velocity		6.43		10.15		10.53		10.58		10.26	9.24				

Ramdhan, Tommy (GBR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 FBK Games (Hengelo, NED)												*Omega Timing (2022) - continental tour race analysis*			
date 06-Jun-22	time		3.0		5.0		6.8		8.6		10.60	10.60	9 / 8			
reaction time 0.160	interval				2.00		1.80		1.80		2.00		# of strides			
wind -0.3 m/s	velocity		6.67		10.00		11.11		11.11		10.00	9.43	47.2			

Rapp, Ondrej (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.03	3.18	4.22	5.21	6.19	7.17	8.13	9.12	10.12	11.15	11.15	8 / 3			
reaction time 0.172	interval		1.15	1.04	0.99	0.98	0.98	0.96	0.99	1.00	1.03		# of strides	4.22	2.95	2.95
wind -2.1 m/s	velocity	4.93	8.70	9.62	10.10	10.20	10.20	10.42	10.10	10.00	9.71	8.97		7.11	10.17	10.17
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.21		5.31		7.39		9.43		11.54	11.54	3 / 2			
reaction time 0.167	interval				2.10		2.08		2.04		2.11		# of strides			
wind -3.9 m/s	velocity		6.23		9.52		9.62		9.80		9.48	8.67				

Rashad, Ahmad (USA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05	time	1.98	3.12	4.09	5.05	5.97	6.90	7.80	8.74	9.69	10.67	10.67	6 / 4			
reaction time	interval		1.14	0.97	0.96	0.92	0.93	0.90	0.94	0.95	0.98		# of strides	4.09	2.81	2.79
wind -0.4 m/s	velocity	5.05	8.77	10.31	10.42	10.87	10.75	11.11	10.64	10.53	10.20	9.37		7.33	10.68	10.75

Rask, Jesper (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time			4.23			7.24				11.37	11.37	1 / 5			
reaction time	interval						3.01				4.13	PB	# of strides	4.23	3.01	
wind 1.5 m/s	velocity			7.09			9.97				9.69	8.80		7.09	9.97	
H FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time			4.35			7.39		9.48		11.64	11.64	4 / 1			
reaction time	interval						3.04		2.09		2.16		# of strides	4.35	3.04	

wind	1.8 m/s	velocity		6.90			9.87		9.57		9.26	8.59		6.90	9.87	

Rasmussen Osazuwa, Peter Efe (NOR) (

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time					7.04				10.94	10.94	7 / 5			
reaction time	interval									3.90		# of strides			
wind 0.6 m/s	velocity					8.52				10.26	9.14				

Rattray, Kevaughn (JAM) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Millrose Games (New York, NY)												*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
date 08-Feb-20	time	2.03	3.04	3.96	4.86	5.76	6.62				6.62	7 / 3			
reaction time 0.152	interval		1.01	0.92	0.90	0.90	0.86					# of strides	3.96	2.66	
	velocity	4.93	9.90	10.87	11.11	11.11	11.63				9.06	30.2	7.58	11.28	

Ray, Eugen (GDR) (1957)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1977 East German National Championships (Dresden, GDR)												*Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*			
date 01-Jul-77	time			3.92			6.60		8.36		10.14	10.14	/ 1			
reaction time	interval						2.68		1.76		1.78	**=PB**	# of strides	3.92	2.68	
wind 1.6 m/s	velocity			7.65			11.19		11.36		11.24	9.86		7.65	11.19	
FINAL - 1977 Olympischer Tag (East Berlin, GDR)												*Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*			
date 15-Jun-77	time			3.95			6.64		8.47		10.30	10.30	/ 1			
reaction time	interval						2.69		1.83		1.83		# of strides	3.95	2.69	
wind -1.1 m/s	velocity			7.59			11.15		10.93		10.93	9.71		7.59	11.15	
FINAL - 1976 East German National Indoor Championships (East Berlin, GDR)												*Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen*			
date 25-Jan-76	time			3.90			6.60		8.37		10.16	10.16	/ 1			
reaction time	interval						2.70		1.77		1.79	**WJBi**	# of strides	3.90	2.70	
	velocity			7.69			11.11		11.30		11.17	9.84		7.69	11.11	
FINAL - 1975 Olympischer Tag (East Berlin, GDR)												*Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*			
date 11-May-75	time			3.94			6.70		8.55		10.43	10.43	/ 1			
reaction time	interval						2.76		1.85		1.88		# of strides	3.94	2.76	
wind 2.2 m/s	velocity			7.61			10.87		10.81		10.64	9.59		7.61	10.87	

Reais, William (SUI) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25	time	1.98	3.05	4.00	4.92	5.81	6.70					6.70	7 / 8			
reaction time 0.152	interval		1.07	0.95	0.92	0.89	0.89						# of strides	4.00	2.70	
	velocity	5.05	9.35	10.53	10.87	11.24	11.24					8.96		7.50	11.11	

Reed, William (MHL) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	2.04	3.17	4.22	5.22	6.20	7.18	8.19	9.21	10.23	11.29	11.29	7 / 6			
reaction time 0.172	interval		1.13	1.05	1.00	0.98	0.98	1.01	1.02	1.02	1.06	**PB**	# of strides	4.22	2.96	3.05
wind 0.6 m/s	velocity	4.90	8.85	9.52	10.00	10.20	10.20	9.90	9.80	9.80	9.43	8.86	50.0	7.11	10.14	9.84

Reinaru, Kristjan (EST) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)												*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date 21-Jul-06	time			4.05			7.00		8.89		10.84	10.84	/ 2			
reaction time	interval						2.95		1.89		1.95		# of strides	4.05	2.95	
wind 0.6 m/s	velocity			7.41			10.17		10.58		10.26	9.23		7.41	10.17	

Ren Tinghui (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2024)*			
date 01-Jun-24	time	1.92	2.96	3.92	4.86	5.78	6.71	7.65	8.59	9.56	10.55	10.55	8 / 1			
reaction time 0.139	interval		1.04	0.96	0.94	0.92	0.93	0.94	0.94	0.97	0.99		# of strides	3.92	2.79	2.85
wind 0.0 m/s	velocity	5.21	9.62	10.42	10.64	10.87	10.75	10.64	10.64	10.31	10.10	9.48	50.0	7.65	10.75	10.53
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	1.96	2.95	3.92	4.87	5.79	6.70					6.70	4 / 2			
reaction time 0.130	interval		0.99	0.97	0.95	0.92	0.91						# of strides	3.92	2.78	
	velocity	5.10	10.10	10.31	10.53	10.87	10.99					8.96	32.2	7.65	10.79	
Heat 13 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	1.90	2.94	3.92	4.84	5.75	6.68					6.68	6 / 1			
reaction time 0.160	interval		1.04	0.98	0.92	0.91	0.93					**PB**	# of strides	3.92	2.76	
	velocity	5.26	9.62	10.20	10.87	10.99	10.75					8.98	32.2	7.65	10.87	

Rentería, Johnny (COL) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24	time	1.93	3.00	3.95	4.87	5.78	6.69	7.58	8.49	9.43	10.38	10.38	5 / 8			

reaction time	0.145	interval		1.07	0.95	0.92	0.91	0.91	0.89	0.91	0.94	0.95		# of strides	3.95	2.74	2.74
wind	0.2 m/s	velocity	5.18	9.35	10.53	10.87	10.99	10.99	11.24	10.99	10.64	10.53	9.63	46.2	7.59	10.95	10.95

Reus, Julian (GER) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 European Indoor Championships (Göteborg, SWE)												*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 02-Mar-13 time		2.94		4.82		6.62					6.62	1 / 6			
reaction time 0.137 interval				1.88		1.80						# of strides			
velocity		6.80		10.64		11.11					9.06	29.7			

Rezníček, Jakub (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.00	3.13	4.18	5.15	6.10	7.08	8.03	9.01	9.99	11.03	11.03	6 / 2			
reaction time 0.158 interval		1.13	1.05	0.97	0.95	0.98	0.95	0.98	0.98	1.04		# of strides	4.18	2.90	2.91
wind -3.4 m/s velocity	5.00	8.85	9.52	10.31	10.53	10.20	10.53	10.20	10.20	9.62	9.07		7.18	10.34	10.31
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.18		5.25		7.21		9.18		11.24	11.24	6 / 1			
reaction time 0.137 interval				2.07		1.96		1.97		2.06		# of strides			
wind -3.6 m/s velocity		6.29		9.66		10.20		10.15		9.71	8.90				

Říčar, Martin (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time	2.03	3.10	4.12	5.08	6.03	6.97	7.92	8.87	9.85	10.86	10.86	1 / 7			
reaction time 0.144 interval		1.07	1.02	0.96	0.95	0.94	0.95	0.95	0.98	1.01		# of strides	4.12	2.85	2.88
wind 0.8 m/s velocity	4.93	9.35	9.80	10.42	10.53	10.64	10.53	10.53	10.20	9.90	9.21		7.28	10.53	10.42
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time		3.10		5.06		6.95		8.87		10.86	10.86	2 / 4			
reaction time 0.121 interval				1.96		1.89		1.92		1.99		# of strides			
wind 1.4 m/s velocity		6.45		10.20		10.58		10.42		10.05	9.21				

Richardson, Benjamin (RSA) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 03-May-25 time	1.99	2.99	3.91	4.81	5.71	6.55	7.38	8.23	9.25	9.99	9.99	8 / 6			
reaction time 0.180 interval		1.00	0.92	0.90	0.90	0.84	0.83	0.85	1.02	0.74		# of strides	3.91	2.64	2.70
wind 2.4 m/s velocity	5.03	10.00	10.87	11.11	11.11	11.90	12.05	11.76	9.80	13.51	10.01	42.2	7.67	11.36	11.11
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.87	2.91	3.83	4.71	5.57	6.44	7.30	8.16	9.05	9.95	9.95	9 / 3			
reaction time 0.148 interval		1.04	0.92	0.88	0.86	0.87	0.86	0.86	0.89	0.90		# of strides	3.83	2.61	2.61
wind 0.5 m/s velocity	5.35	9.62	10.87	11.36	11.63	11.49	11.63	11.63	11.24	11.11	10.05	43.0	7.83	11.49	11.49
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.88	2.93	3.86	4.76	5.64	6.51	7.38	8.26	9.15	10.06	10.06	6 / 4			
reaction time 0.134 interval		1.05	0.93	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.86	2.65	2.64
wind -0.3 m/s velocity	5.32	9.52	10.75	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.94	43.0	7.77	11.32	11.36
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	1.94	3.01	3.97	4.88	5.77	6.65	7.54	8.42	9.33	10.24	10.24	7 / 2			
reaction time 0.163 interval		1.07	0.96	0.91	0.89	0.88	0.89	0.88	0.91	0.91		# of strides	3.97	2.68	2.68
wind -0.1 m/s velocity	5.15	9.35	10.42	10.99	11.24	11.36	11.24	11.36	10.99	10.99	9.77		7.56	11.19	11.19

Richter, David (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	2.08	3.20	4.26	5.29	6.29	7.30	8.32	9.34	10.37	11.43	11.43	2 / 6			
reaction time 0.167 interval		1.12	1.06	1.03	1.00	1.01	1.02	1.02	1.03	1.06		# of strides	4.26	3.04	3.07
wind -2.1 m/s velocity	4.81	8.93	9.43	9.71	10.00	9.90	9.80	9.80	9.71	9.43	8.75		7.04	9.87	9.77
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.20		5.29		7.30		9.33		11.41	11.41	6 / 2			
reaction time 0.172 interval				2.09		2.01		2.03		2.08		# of strides			
wind -2.7 m/s velocity		6.25		9.57		9.95		9.85		9.62	8.76				

Ridanpää, Tero (FIN) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94 time			4.06			6.89		8.74		10.69	10.69	/ 6			
reaction time interval						2.83		1.85		1.95		# of strides	4.06	2.83	
wind 1.8 m/s velocity			7.39			10.60		10.81		10.26	9.35		7.39	10.60	

Riis, Jacob (DEN) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time			4.41			7.46		9.46		11.55	11.55	/ 8			

reaction time		interval					3.05		2.00		2.09		# of strides	4.41	3.05	
wind	3.0 m/s	velocity		6.80			9.84		10.00		9.57	8.66		6.80	9.84	

Roach, Kimmari (JAM) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time			3.91		6.58		8.35		10.21	10.21	/ 1			
reaction time	interval					2.67		1.77		1.86		# of strides	3.91	2.67	
wind 0.7 m/s	velocity			7.67		11.24		11.30		10.75	9.79		7.67	11.24	

Roberts, Daniel (USA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 04-May-25	time	1.96	2.99	3.95	4.89	5.81	6.73	7.70	8.60	9.56	10.40	10.40	4 / 4		
reaction time 0.200	interval		1.03	0.96	0.94	0.92	0.92	0.97	0.90	0.96	0.84	PB	# of strides	3.95	2.78	2.83
wind 0.7 m/s	velocity	5.10	9.71	10.42	10.64	10.87	10.87	10.31	11.11	10.42	11.90	9.62	45.0	7.59	10.79	10.60

Robertson, Andrew (GBR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25	time	1.85	2.89	3.83	4.74	5.63	6.55					6.55	6 / 3			
reaction time 0.138	interval		1.04	0.94	0.91	0.89	0.92						# of strides	3.83	2.72	
	velocity	5.41	9.62	10.64	10.99	11.24	10.87					9.16	32.0	7.83	11.03	
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25	time	1.86	2.90	3.85	4.76	5.65	6.57					6.57	6 / 1			
reaction time 0.136	interval		1.04	0.95	0.91	0.89	0.92						# of strides	3.85	2.72	
	velocity	5.38	9.62	10.53	10.99	11.24	10.87					9.13		7.79	11.03	
FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time			3.97		6.76		8.59		10.53	10.53	/ 5			
reaction time	interval					2.79		1.83		1.94		# of strides	3.97	2.79	
wind 0.7 m/s	velocity			7.56		10.75		10.93		10.31	9.50		7.56	10.75	

Röder, Adam (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.08	3.17	4.23	5.21	6.20	7.21	8.21	9.23	10.27	11.34	11.34	5 / 5		
reaction time 0.173	interval		1.09	1.06	0.98	0.99	1.01	1.00	1.02	1.04	1.07		# of strides	4.23	2.98	3.06
wind -2.1 m/s	velocity	4.81	9.17	9.43	10.20	10.10	9.90	10.00	9.80	9.62	9.35	8.82		7.09	10.07	9.80
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.13		5.18		7.19		9.19		11.31	11.31	4 / 1			
reaction time 0.163	interval				2.05		2.01		2.00		2.12		# of strides			
wind -2.7 m/s	velocity		6.39		9.76		9.95		10.00		9.43	8.84				

Rodgers, Michael (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2022) - diamond league race analysis*			
date 09-Jun-22	time		2.99		4.87		6.65		8.43		10.29	10.29	2 / 7			
reaction time 0.144	interval				1.88		1.78		1.78		1.86		# of strides			
wind -0.2 m/s	velocity		6.69		10.64		11.24		11.24		10.75	9.72	45.5			
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)												*Omega Timing (2021) - diamond league race analysis*			
date 13-Jul-21	time		3.0		4.9		6.6		8.4		10.17	10.17	7 / 6			
reaction time 0.175	interval				1.90		1.70		1.80		1.77		# of strides			
wind 0.4 m/s	velocity		6.67		10.53		11.76		11.11		11.30	9.83	45.5			
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)												*Omega Timing (2021) - diamond league race analysis*			
date 10-Jun-21	time		3.0		4.9		6.7		8.4		10.25	10.25	4 / 5			
reaction time 0.139	interval				1.90		1.80		1.70		1.85		# of strides			
wind -0.1 m/s	velocity		6.67		10.53		11.11		11.76		10.81	9.76	46.0			
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)												*Omega Timing (2020) - diamond league race analysis*			
date 17-Sep-20	time		3.0		4.8		6.6		8.4		10.12	10.12	3 / 5			
reaction time 0.153	interval				1.80		1.80		1.80		1.72		# of strides			
wind 0.3 m/s	velocity		6.67		11.11		11.11		11.11		11.63	5.93	45.0			
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)												*European Athletics (2019) - race analysis*			
date 09-Sep-19	time					5.85					10.20	10.20	3 / 1			
reaction time 0.152	interval										4.35		# of strides			
wind -1.1 m/s	velocity					8.55					11.49	9.80	46.0			
FINAL - 2019 Weltklasse (Zürich, SUI)												*Omega Timing (2019) - diamond league race analysis*			
date 29-Aug-19	time		3.0		4.9		6.6		8.4		10.16	10.16	8 / 8			
reaction time 0.146	interval				1.9		1.7		1.8		1.76		# of strides			
wind -0.4 m/s	velocity		6.67		10.53		11.76		11.11		11.36	9.84	45.2			

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.9	6.6	8.4	10.09	10.09	7 / 3
reaction time	0.147	interval		1.9	1.7	1.8	1.69		# of strides
wind	2.0 m/s	velocity	6.67	10.53	11.76	11.11	11.83	9.91	44.7

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.1	4.9	6.6	8.4	10.16	10.16	7 / 1
reaction time	0.164	interval		1.8	1.7	1.8	1.76		# of strides
wind	-0.3 m/s	velocity	6.45	11.11	11.76	11.11	11.36	9.84	

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

date	12-Jul-19	time	5.7			10.01	10.01	7 / 3
reaction time	0.133	interval				4.31		# of strides
wind	0.3 m/s	velocity	8.77			11.60	9.99	45.0

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

date	05-Jul-19	time	5.7			10.01	10.01	5 / 2
reaction time	0.147	interval				4.31		# of strides
wind	0.2 m/s	velocity	8.77			11.60	9.99	45.0

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	11-May-14	time	1.95	2.97	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.11	10.11	5 / 2			
reaction time		interval		1.02	0.93	0.90	0.88	0.87	0.87	0.89	0.89	0.91		# of strides	3.90	2.65	2.65
wind	-3.5 m/s	velocity	5.13	9.80	10.75	11.11	11.36	11.49	11.49	11.24	11.24	10.99	9.89	46.9	7.69	11.32	11.32

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	2.95	3.89	4.79	6.55	8.27	10.04	10.04	5 / 5		
reaction time	0.154	interval		0.94	0.90	1.76	1.72	1.77		# of strides	3.89	2.66
wind	0.2 m/s	velocity	6.78	10.64	11.11	11.36	11.63	11.30	9.96	44.5	7.71	11.28

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

date	15-Aug-09	time	2.91	3.84	4.72	6.47	8.20	10.01	10.01	6 / 1		
reaction time	0.147	interval		0.93	0.88	1.75	1.73	1.81		# of strides	3.84	2.63
wind	0.4 m/s	velocity	6.87	10.75	11.36	11.43	11.56	11.05	9.99		7.81	11.41

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

date	15-Aug-09	time	2.96	3.91	4.81	6.62	8.40	10.25	10.25	3 / 1		
reaction time	0.157	interval		0.95	0.90	1.81	1.78	1.85		# of strides	3.91	2.71
wind	-0.4 m/s	velocity	6.76	10.53	11.11	11.05	11.24	10.81	9.76		7.67	11.07

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

date	13-Sep-08	time	3.04	3.99	4.90	5.79	6.72	7.55	8.44	10.27	10.27	8 / 6		
reaction time	0.182	interval		0.95	0.91	0.89	0.93	0.83	0.89	1.83		# of strides	3.99	2.73
wind	0.4 m/s	velocity	6.58	10.53	10.99	11.24	10.75	12.05	11.24	10.93	9.74		7.52	10.99

FINAL - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.96	2.97	3.90	4.78	5.67	6.51	7.39	8.25	9.13	10.01	10.01	1 / 7			
reaction time	0.166	interval		1.01	0.93	0.88	0.89	0.84	0.88	0.86	0.88	0.88		# of strides	3.90	2.61	2.62
wind	4.1 m/s	velocity	5.10	9.90	10.75	11.36	11.24	11.90	11.36	11.63	11.36	11.36	9.99	44.2	7.69	11.49	11.45

Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.98	3.00	3.93	4.83	5.72	6.57	7.47	8.33	9.26	10.18	10.18	1 / 4			
reaction time		interval		1.02	0.93	0.90	0.89	0.85	0.90	0.86	0.93	0.92		# of strides	3.93	2.64	2.69
wind	0.5 m/s	velocity	5.05	9.80	10.75	11.11	11.24	11.76	11.11	11.63	10.75	10.87	9.82	45.2	7.63	11.36	11.15

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.88	2.98	3.92	4.82	5.67	6.51	7.37	8.27	9.14	10.07	10.07	1 / 5			
reaction time		interval		1.10	0.94	0.90	0.85	0.84	0.86	0.90	0.87	0.93		# of strides	3.92	2.59	2.63
wind	1.6 m/s	velocity	5.32	9.09	10.64	11.11	11.76	11.90	11.63	11.11	11.49	10.75	9.93	44.5	7.65	11.58	11.41

Heat 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	2.01	3.00	3.94	4.85	5.70	6.59	7.45	8.33	9.27	10.15	10.15	5 / 5			
reaction time		interval		0.99	0.94	0.91	0.85	0.89	0.86	0.88	0.94	0.88		# of strides	3.94	2.65	2.68
wind	1.7 m/s	velocity	4.98	10.10	10.64	10.99	11.76	11.24	11.63	11.36	10.64	11.36	9.85		7.61	11.32	11.19

Rodríguez, Ángel David (ESP) (1980)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.00	3.98	4.91	6.74	8.54	10.39	10.39	2 / 8		
reaction time	0.149	interval		0.98	0.93	1.83	1.80	1.85		# of strides	3.98	2.76
wind	0.1 m/s	velocity	6.67	10.20	10.75	10.93	11.11	10.81	9.62		7.54	10.87

Heat 7 - 2009 IAAF World Championships (Berlin, GER) — *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.01	3.98	4.90	6.74	8.54	10.39	10.39	5 / 5			
reaction time	0.150	interval			0.97	0.92	1.84	1.80	1.85		# of strides	3.98	2.76	
wind	0.4 m/s	velocity		6.64	10.31	10.87	10.87	11.11	10.81	9.62		7.54	10.87	

Rogo, Desmond (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

National FINAL - 2024 Bauhaus Galan (Stockholm, SWE) — *Omega Timing (2024) - diamond league race analysis*

date	02-Jun-24	time	2.03	3.15	4.13	5.07	6.01	6.94	7.87	8.82	9.77	10.72	10.72	8 / 6			
reaction time	0.153	interval		1.12	0.98	0.94	0.94	0.93	0.93	0.95	0.95	0.95		# of strides	4.13	2.81	2.83
wind	-1.6 m/s	velocity	4.93	8.93	10.20	10.64	10.64	10.75	10.75	10.53	10.53	10.53	9.33		7.26	10.68	10.60

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) — *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.99	3.09	4.08	5.03	5.95	6.86	7.77	8.69	9.62	10.55	10.55	6 / 4			
reaction time	0.133	interval		1.10	0.99	0.95	0.92	0.91	0.91	0.92	0.93	0.93		# of strides	4.08	2.78	2.76
wind	-0.1 m/s	velocity	5.03	9.09	10.10	10.53	10.87	10.99	10.99	10.87	10.75	10.75	9.48		7.35	10.79	10.87

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

date	04-Jul-21	time		3.1		5.0		6.9		8.7		10.54	10.54	1 / 6			
reaction time	0.138	interval				1.90		1.90		1.80		1.84	PB	# of strides			
wind	0.5 m/s	velocity		6.45		10.53		10.53		11.11		10.87	9.49	46.0			

A FINAL - 2017 Windsprint (Sundsvall, SWE) — *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.10		5.95	6.86		8.73		10.65	10.65	4 / 4			
reaction time		interval					1.85	0.91		1.87		1.92		# of strides	4.10	2.76	
wind	1.8 m/s	velocity			7.32		10.81	10.99		10.70		10.42	9.39		7.32	10.87	

Rooth, Markus (NOR) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	1.98	3.10	4.10	5.06	5.98	6.92	7.86	8.81	9.76	10.71	10.71	8 / 1			
reaction time	0.151	interval		1.12	1.00	0.96	0.92	0.94	0.94	0.95	0.95	0.95	PB	# of strides	4.10	2.82	2.84
wind	0.9 m/s	velocity	5.05	8.93	10.00	10.42	10.87	10.64	10.64	10.53	10.53	10.53	9.34	97.0	7.32	10.64	10.56

Rose, Odain (SWE) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	04-Jul-21	time		3.0		5.0		6.8		8.7		10.66	10.66	6 / 8			
reaction time	0.146	interval				2.00		1.80		1.90		1.96		# of strides			
wind	0.5 m/s	velocity		6.67		10.00		11.11		10.53		10.20	9.38	48.0			

A FINAL - 2015 Windsprint (Sundsvall, SWE) — *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time			3.97			6.73		8.55		10.46	10.46	8 / 3			
reaction time		interval						2.76		1.82		1.91		# of strides	3.97	2.76	
wind	1.0 m/s	velocity			7.56			10.87		10.99		10.47	9.56		7.56	10.87	

FINAL - 2013 European Indoor Championships (Göteborg, SWE) — *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	02-Mar-13	time		2.92		4.79		6.62					6.62	8 / 5			
reaction time	0.147	interval				1.87		1.83					PB	# of strides			
		velocity		6.85		10.70		10.93					9.06	29.0			

FINAL - 2012 Windsprint (Sundsvall, SWE) — *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.03			6.88		8.81		11.15	11.15	/ 7			
reaction time		interval						2.85		1.93		2.34		# of strides	4.03	2.85	
wind	0.1 m/s	velocity			7.44			10.53		10.36		8.55	8.97		7.44	10.53	

B FINAL - 2011 Windsprint (Sundsvall, SWE) — *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			3.95			6.75		8.62		10.55	10.55	6 / 2			
reaction time		interval						2.80		1.87		1.93		# of strides	3.95	2.80	
wind	2.0 m/s	velocity			7.59			10.71		10.70		10.36	9.48		7.59	10.71	

B FINAL - 2010 Windsprint (Sundsvall, SWE) — *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time			4.05			6.90		8.81		10.79	10.79	/ 4			
reaction time		interval						2.85		1.91		1.98		# of strides	4.05	2.85	
wind	1.8 m/s	velocity			7.41			10.53		10.47		10.10	9.27		7.41	10.53	

B FINAL - 2009 Windsprint (Sundsvall, SWE) — *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time			4.07			6.96		8.92		10.95	10.95	/ 8			
reaction time		interval						2.89		1.96		2.03		# of strides	4.07	2.89	
wind	1.1 m/s	velocity			7.37			10.38		10.20		9.85	9.13		7.37	10.38	

Rosenberg, Michael (NOR) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

C FINAL - 2015 Windsprint (Sundsvall, SWE) — *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time						6.94				10.99	10.99	2 / 7			
reaction time		interval										4.05		# of strides			

wind	0.6 m/s	velocity					8.65			9.88	9.10					

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.11			7.07		9.07		11.16	11.16	4 / 5			
reaction time		interval					2.96		2.00		2.09		# of strides	4.11	2.96	
wind	3.0 m/s	velocity		7.30			10.14		10.00		9.57	8.96		7.30	10.14	

Rouge-Serret, Aaron (AUS) (1988)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	10-May-08	time	1.97	3.04	4.01	4.94	5.86	6.78	7.71	8.64	9.59	10.62	10.62	/ 5			
reaction time		interval		1.07	0.97	0.93	0.92	0.92	0.93	0.93	0.95	1.03		# of strides	4.01	2.77	2.81
wind	-1.4 m/s	velocity	5.08	9.35	10.31	10.75	10.87	10.87	10.75	10.75	10.53	9.71	9.42		7.48	10.83	10.68

Rousseau, Xavier (BEL) (2006)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)														*Omega Timing (2023) - diamond league race analysis*			
date	08-Sep-23	time	2.10	3.23	4.25	5.23	6.20	7.16	8.12	9.09	10.08	11.08	11.08	4 / 3			
reaction time	0.180	interval		1.13	1.02	0.98	0.97	0.96	0.96	0.97	0.99	1.00		# of strides	4.25	2.91	2.92
wind	-0.4 m/s	velocity	4.76	8.85	9.80	10.20	10.31	10.42	10.42	10.31	10.10	10.00	9.03		7.06	10.31	10.27

Rurak, Konstantin (UKR) (1974)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 2 - 2002 European Championships (Munich, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	07-Aug-02	time		2.93	3.89	4.80		6.62		8.46		10.38	10.38	/ 7			
reaction time	0.146	interval			0.96	0.91		1.82		1.84		1.92		# of strides	3.89	2.73	
wind	0.1 m/s	velocity		6.83	10.42	10.99		10.99		10.87		10.42	9.63		7.71	10.99	

Safo-Antwi, Sean (GHA) (1990)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		2.9		4.8		6.6		8.4		10.36	10.36	2 / 5			
reaction time	0.129	interval				1.90		1.80		1.80		1.96		# of strides			
wind	-1.2 m/s	velocity		6.90		10.53		11.11		11.11		10.20	9.65	48.0			
FINAL - 2022 Meeting de Paris (Paris, FRA)														*Omega Timing (2022) - diamond league race analysis*			
date	18-Jun-22	time		2.96		4.85		6.69		8.53		10.45	10.45	7 / 6			
reaction time	0.125	interval				1.89		1.84		1.84		1.92		# of strides			
wind	-1.6 m/s	velocity		6.76		10.58		10.87		10.87		10.42	9.57				
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time		3.0		4.9		6.7		8.5		10.39	10.39	7 / 4			
reaction time	0.146	interval				1.90		1.80		1.80		1.89		# of strides			
wind	0.5 m/s	velocity		6.67		10.53		11.11		11.11		10.58	9.62	46.7			

Saga, Aki (JPN) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)														*Shibayama (2021) - national high school and U20 national championhsips*			
date	29-Jul-21	time	1.92	3.01	4.00	4.93	5.85	6.76	7.67	8.60	9.55	10.52	10.52	7 / 4			
reaction time	0.158	interval		1.09	0.99	0.93	0.92	0.91	0.91	0.93	0.95	0.97		# of strides	4.00	2.76	2.79
wind	1.8 m/s	velocity	5.21	9.17	10.10	10.75	10.87	10.99	10.99	10.75	10.53	10.31	9.51		7.50	10.87	10.75

Saidy Ndure, Jaysuma (NOR) (1984)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
A FINAL - 2014 Windsprint (Sundsvall, SWE)														*(2014) - www.ssg.se/windsprint/Splittider/*			
date	20-Jul-14	time			3.91			6.58		8.34		10.17	10.17	6 / fs			
reaction time		interval						2.67		1.76		1.83	DQ	# of strides	3.91	2.67	
wind	1.5 m/s	velocity			7.67			11.24		11.36		10.93	9.83		7.67	11.24	
A FINAL - 2013 Windsprint (Sundsvall, SWE)														*(2013) - www.ssg.se/windsprint/Splittider/*			
date	28-Jul-13	time			3.90			6.49		8.20		9.95	9.95	5 / 1			
reaction time		interval						2.59		1.71		1.75		# of strides	3.90	2.59	
wind	3.0 m/s	velocity			7.69			11.58		11.70		11.43	10.05	42.5	7.69	11.58	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)														*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	02-Mar-13	time		2.95		4.82		6.61					6.61	4 / 4			
reaction time	0.149	interval				1.87		1.79						# of strides			
		velocity		6.78		10.70		11.17					9.08	27.7			
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	16-Aug-09	time		2.96	3.91	4.81		6.60		8.36		10.20	10.20	2 / 7			
reaction time	0.143	interval			0.95	0.90		1.79		1.76		1.84		# of strides	3.91	2.69	
wind	0.2 m/s	velocity		6.76	10.53	11.11		11.17		11.36		10.87	9.80	44.0	7.67	11.15	
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		2.96	3.90	4.79		6.58		8.33		10.16	10.16	3 / 3			
reaction time	0.146	interval			0.94	0.89		1.79		1.75		1.83		# of strides	3.90	2.68	
wind	0.1 m/s	velocity		6.76	10.64	11.24		11.17		11.43		10.93	9.84		7.69	11.19	

Heat 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses of the 12th IAAF world championships*

date	15-Aug-09	time	3.01	3.96	4.87	6.67	8.46	10.35	10.35	8 / 2			
reaction time	0.155	interval		0.95	0.91	1.80	1.79	1.89		# of strides	3.96	2.71	
wind	-0.7 m/s	velocity	6.64	10.53	10.99	11.11	11.17	10.58	9.66		7.58	11.07	

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	22-Sep-07	time	2.99	3.93	4.82	6.57	8.30	10.06	10.06	7 / 2			
reaction time	0.150	interval		0.94	0.89	1.75	1.73	1.76	NR	# of strides	3.93	2.64	
wind	-0.3 m/s	velocity	6.69	10.64	11.24	11.43	11.56	11.36	9.94	43.7	7.63	11.36	

Saito, Hitoshi (JPN) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2012 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-12	time	1.95	3.03	4.01	4.94	5.85	6.75	7.65	8.54	9.44	10.36	10.36	7 / 4			
reaction time		interval		1.08	0.98	0.93	0.91	0.90	0.90	0.89	0.90	0.92		# of strides	4.01	2.74	2.69
wind	2.0 m/s	velocity	5.13	9.26	10.20	10.75	10.99	11.11	11.11	11.24	11.11	10.87	9.65	46.2	7.48	10.95	11.15

Semi-Final 1 - 2010 Japanese Corporate Championships (Niigata, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	26-Sep-10	time	4.08	6.92	10.77	10.77	/ 2			
reaction time		interval		2.84	3.85		# of strides	4.08	2.84	
wind	0.7 m/s	velocity	7.35	10.56	10.39	9.29	46.1	7.35	10.56	

Heat 5 - 2010 Japanese Corporate Championships (Niigata, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	26-Sep-10	time	4.04	6.86	10.67	10.67	/ 1		
reaction time		interval		2.82	3.81		# of strides	4.04	2.82	
wind	0.6 m/s	velocity	7.43	10.64	10.50	9.37	46.5	7.43	10.64	

??? - 2010 Mikio Oda Memorial (Hiroshima, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	29-Apr-10	time	4.05	6.83	10.55	10.55	???		
reaction time		interval		2.78	3.72		# of strides	4.05	2.78	
wind	???	velocity	7.41	10.79	10.75	9.48	45.7	7.41	10.79	

??? - 2009 Japanese National University Championships (Tokyo, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	04-Sep-09	time	3.99	6.77	10.49	10.49	???		
reaction time		interval		2.78	3.72		# of strides	3.99	2.78	
wind	???	velocity	7.52	10.79	10.75	9.53	46.3	7.52	10.79	

Heat 3 - 2009 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	29-Apr-09	time	1.98	3.05	4.02	4.94	5.85	6.74	7.63	8.52	9.42	10.35	10.35	/ 3			
reaction time		interval		1.07	0.97	0.92	0.91	0.89	0.89	0.89	0.90	0.93		# of strides	4.02	2.72	2.68
wind	2.2 m/s	velocity	5.05	9.35	10.31	10.87	10.99	11.24	11.24	11.24	11.11	10.75	9.66		7.46	11.03	11.19

Semi-Final 1 - 2008 Japanese National University Championships (Tokyo, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	13-Sep-08	time	3.96	6.71	10.36	10.36	/ 2		
reaction time		interval		2.75	3.65		# of strides	3.96	2.75	
wind	0.9 m/s	velocity	7.58	10.91	10.96	9.65	45.7	7.58	10.91	

Heat 1 - 2008 Nambu Chuhei Memorial (Hakodate, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	06-Jul-08	time	1.96	3.01	3.98	4.91	5.81	6.72	7.62	8.54	9.47	10.42	10.42	/ 2			
reaction time		interval		1.05	0.97	0.93	0.90	0.91	0.90	0.92	0.93	0.95		# of strides	3.98	2.74	2.75
wind	0.5 m/s	velocity	5.10	9.52	10.31	10.75	11.11	10.99	11.11	10.87	10.75	10.53	9.60		7.54	10.95	10.91

Semi-Final 1 - 2008 Kanto Championships (Tokyo, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	18-May-08	time	3.96	6.69	10.35	10.35	/ 1		
reaction time		interval		2.73	3.66	PB	# of strides	3.96	2.73	
wind	0.1 m/s	velocity	7.58	10.99	10.93	9.66	46.5	7.58	10.99	

Saito, Isami (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2016 Japanese High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-16	time	3.00	4.08	5.07	6.02	6.97	7.92	8.87		10.84	10.84	/ 5			
reaction time	0.128	interval		1.08	0.99	0.95	0.95	0.95	0.95		1.97		# of strides	4.08	2.89	
wind	3.0 m/s	velocity	6.67	9.26	10.10	10.53	10.53	10.53	10.53		10.15	9.23		7.35	10.38	

Sakaguchi, Takuya (JPN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) *Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-10	time	2.00	3.07		5.06	6.00	6.97	7.93	8.91	9.90	10.93	10.93	4 / 6			
reaction time		interval		1.07		1.99	0.94	0.97	0.96	0.98	0.99	1.03		# of strides			2.93
wind	-2.1 m/s	velocity	5.00	9.35		10.05	10.64	10.31	10.42	10.20	10.10	9.71	9.15				10.24

Sakai, Ryuichiro (JPN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 7 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.89	2.94	3.89	4.78	5.67	6.56	7.44	8.34	9.26	10.17	10.17	6 / 5			

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

reaction time	0.161	interval		1.05	0.95	0.89	0.89	0.89	0.88	0.90	0.92	0.91		# of strides	3.89	2.67	2.70
wind	0.3 m/s	velocity	5.29	9.52	10.53	11.24	11.24	11.24	11.36	11.11	10.87	10.99	9.83	52.5	7.71	11.24	11.11

Semi-Final 1 - 2019 Japanese National Championships (Fukuoka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	27-Jun-19	time	1.84	2.90	3.86	4.79	5.69	6.59	7.49	8.41	9.33	10.28	10.28	5 / 4			
reaction time	0.131	interval		1.06	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.95	PB	# of strides	3.86	2.73	2.74
wind	0.2 m/s	velocity	5.43	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.53	9.73	52.0	7.77	10.99	10.95

Sakai, Taku (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Japanese National High School Championships (Saga, JPN)												*Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection*			
date 03-Aug-07 time	3.07	4.07	5.00	5.95	6.90	7.86	8.82	9.79	10.81	10.81		7 / 7			
reaction time interval		1.00	0.93	0.95	0.95	0.96	0.96	0.97	1.02			# of strides	4.07	2.83	2.89
wind 0.7 m/s velocity	6.51	10.00	10.75	10.53	10.53	10.42	10.42	10.31	9.80	9.25			7.37	10.60	10.38

Sakuma, Kota (JPN) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 Japanese Corporate Championships (Niigata, JPN)												*Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*			
date 26-Sep-10 time		4.04				6.84				10.65	10.65	/ 6			
reaction time interval						2.80				3.81		# of strides	4.04	2.80	
wind 1.1 m/s velocity		7.43				10.71				10.50	9.39	49.0	7.43	10.71	

Heat 6 - 2010 Japanese Corporate Championships (Niigata, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	26-Sep-10	time		4.02			6.81				10.59	10.59	/ 3		
reaction time		interval					2.79				3.78		# of strides	4.02	2.79
wind	1.9 m/s	velocity		7.46			10.75				10.58	9.44		7.46	10.75

FINAL - 2010 Japanese National Championships (Marugame, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	06-Jun-10	time		3.99			6.75				10.48	10.48	5 / 5		
reaction time	0.136	interval					2.76				3.73		# of strides	3.99	2.76
wind	0.0 m/s	velocity		7.52			10.87				10.72	9.54	50.0	7.52	10.87

Semi-Final 2 - 2010 Japanese National Championships (Marugame, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	06-Jun-10	time		3.96			6.72				10.47	10.47	/ 2		
reaction time	0.140	interval					2.76				3.75		# of strides	3.96	2.76
wind	-0.7 m/s	velocity		7.58			10.87				10.67	9.55	50.3	7.58	10.87

Heat 2 - 2010 Japanese National Championships (Marugame, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	05-Jun-10	time		3.97			6.70				10.40	10.40	7 / 1		
reaction time	0.163	interval					2.73				3.70		# of strides	3.97	2.73
wind	-0.3 m/s	velocity		7.56			10.99				10.81	9.62	49.8	7.56	10.99

FINAL - 2010 East Japan Corporate Championships (Kumagaya, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	15-May-10	time		3.98			6.74				10.46	10.46	/ 2		
reaction time		interval					2.76				3.72		# of strides	3.98	2.76
wind	0.0 m/s	velocity		7.54			10.87				10.75	9.56	49.6	7.54	10.87

FINAL - 2010 Mikio Oda Memorial (Hiroshima, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	29-Apr-10	time		3.99			6.73				10.42	10.42	/ 1		
reaction time		interval					2.74				3.69		# of strides	3.99	2.74
wind	-0.1 m/s	velocity		7.52			10.95				10.84	9.60	50.3	7.52	10.95

Heat 2 - 2010 Mikio Oda Memorial (Hiroshima, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	29-Apr-10	time		3.95			6.69				10.37	10.37	/ 1		
reaction time		interval					2.74				3.68		# of strides	3.95	2.74
wind	0.3 m/s	velocity		7.59			10.95				10.87	9.64	50.0	7.59	10.95

Sakshaug, Ola (NOR) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time		4.51				7.67		9.85		12.06	12.06	/ 3			
reaction time interval						3.16		2.18		2.21		# of strides	4.51	3.16	
wind 0.9 m/s velocity		6.65				9.49		9.17		9.05	8.29		6.65	9.49	

Saleh, Tamer (LBN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - West Asian Champioships - 2024 Seashore Doha Meeting (Doha, QAT)												*Omega Timing (2024) - diamond league race analysis*			
date 10-May-24 time	1.96	3.01	3.96	4.87	5.76	6.65	7.54	8.44	9.35	10.25	10.25	2 / 1			
reaction time 0.144 interval		1.05	0.95	0.91	0.89	0.89	0.89	0.90	0.91	0.90		# of strides	3.96	2.69	2.70
wind 3.8 m/s velocity	5.10	9.52	10.53	10.99	11.24	11.24	11.24	11.11	10.99	11.11	9.76		7.58	11.15	11.11

Sales, Antonio (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championsips (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08 time	2.04	3.09	4.04	4.98	5.87	6.74	7.63	8.50	9.41	10.33	10.33	4 / 2			
reaction time interval		1.05	0.95	0.94	0.89	0.87	0.89	0.87	0.91	0.92	PB	# of strides	4.04	2.70	2.67
wind 1.1 m/s velocity	4.90	9.52	10.53	10.64	11.24	11.49	11.24	11.49	10.99	10.87	9.68		7.43	11.11	11.24

Sales, Dante (USA) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championsips (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08 time	1.93	3.00	3.98	4.90	5.79	6.69	7.61	8.51	9.48	10.44	10.44	3 / 4			
reaction time interval		1.07	0.98	0.92	0.89	0.90	0.92	0.90	0.97	0.96	PB	# of strides	3.98	2.71	2.79
wind 1.1 m/s velocity	5.18	9.35	10.20	10.87	11.24	11.11	10.87	11.11	10.31	10.42	9.58		7.54	11.07	10.75

Saminu, Abdul-Rasheed (GHA) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 04-Aug-24 time	1.89	2.95	3.90	4.80	5.68	6.55	7.42	8.28	9.13	10.05	10.05	8 / 7			
reaction time 0.160 interval		1.06	0.95	0.90	0.88	0.87	0.87	0.86	0.85	0.92		# of strides	3.90	2.65	2.58
wind 0.5 m/s velocity	5.29	9.43	10.53	11.11	11.36	11.49	11.49	11.63	11.76	10.87	9.95	45.7	7.69	11.32	11.63
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 03-Aug-24 time	1.87	2.95	3.88	4.79	5.66	6.53	7.41	8.28	9.16	10.06	10.06	5 / 3			
reaction time 0.162 interval		1.08	0.93	0.91	0.87	0.87	0.88	0.87	0.88	0.90		# of strides	3.88	2.65	2.63
wind -0.3 m/s velocity	5.35	9.26	10.75	10.99	11.49	11.49	11.36	11.49	11.36	11.11	9.94	46.7	7.73	11.32	11.41

Samuels, J-Mee (USA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.85	3.00	3.92	4.80	5.67	6.56	7.44	8.29	9.19	10.09	10.09	7 / 7			
reaction time interval		1.15	0.92	0.88	0.87	0.89	0.88	0.85	0.90	0.90		# of strides	3.92	2.64	2.63
wind 1.6 m/s velocity	5.41	8.70	10.87	11.36	11.49	11.24	11.36	11.76	11.11	11.11	9.91	49.2	7.65	11.36	11.41
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.90	3.00	3.90	4.83	5.68	6.56	7.44	8.36	9.24	10.17	10.17	5 / 5			
reaction time interval		1.10	0.90	0.93	0.85	0.88	0.88	0.92	0.88	0.93		# of strides	3.90	2.66	2.68
wind 1.4 m/s velocity	5.26	9.09	11.11	10.75	11.76	11.36	11.36	10.87	11.36	10.75	9.83		7.69	11.28	11.19
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 22-Jun-06 time	1.97	3.00	3.95	4.87	5.76	6.66	7.57	8.55	9.69	11.01	11.01	3 / 8			
reaction time interval		1.03	0.95	0.92	0.89	0.90	0.91	0.98	1.14	1.32		# of strides	3.95	2.71	3.03
wind 1.5 m/s velocity	5.08	9.71	10.53	10.87	11.24	11.11	10.99	10.20	8.77	7.58	9.08		7.59	11.07	9.90
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05 time	1.97	3.02	3.99	4.94	5.85	6.77	7.70	8.64	9.61	10.58	10.58	4 / 1			
reaction time interval		1.05	0.97	0.95	0.91	0.92	0.93	0.94	0.97	0.97		# of strides	3.99	2.78	2.84
wind -0.4 m/s velocity	5.08	9.52	10.31	10.53	10.99	10.87	10.75	10.64	10.31	10.31	9.45		7.52	10.79	10.56

Samuelsson, Jakob (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.41			7.48				11.69	11.69	5 / 5			
reaction time interval						3.07				4.21		# of strides	4.41	3.07	
wind 1.5 m/s velocity			6.80			9.77				9.50	8.55		6.80	9.77	

Sandin, Christofer (SWE) (1979)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.11			6.95		8.85		10.83	10.83	/ 6			
reaction time interval						2.84		1.90		1.98		# of strides	4.11	2.84	
wind 1.4 m/s velocity			7.30			10.56		10.53		10.10	9.23		7.30	10.56	

Sandström, Emil (SWE) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			4.28			7.32				11.50	11.50	6 / 2			
reaction time interval						3.04				4.18		# of strides	4.28	3.04	
wind 1.5 m/s velocity			7.01			9.87				9.57	8.70		7.01	9.87	

Sangouma, Daniel (FRA) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 1996 International French Championships (Bercy, FRA)							*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*								
date 10-Feb-96 time	1.94	3.03	4.02	4.95	5.88	6.79					6.79	/ 3			
reaction time interval		1.09	0.99	0.93	0.93	0.91						# of strides	4.02	2.77	
velocity	5.15	9.17	10.10	10.75	10.75	10.99					8.84		7.46	10.83	
FINAL - 1991 European Cup (Frankfurt, GER)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91 time			3.90			6.59		8.37		10.20	10.20	/ 2			
reaction time interval						2.69		1.78		1.83		# of strides	3.90	2.69	
wind 0.5 m/s velocity			7.69			11.15		11.24		10.93	9.80		7.69	11.15	
FINAL - 1989 IAAF World Cup (Barcelona, ESP)												*Pascua (1990) - atletismo (I) carreras y marcha*			
date 08-Sep-89 time		2.97		4.83	5.72	6.61	7.48	8.37		10.17	10.17	/ 3			
reaction time 0.162 interval				1.86	0.89	0.89	0.87	0.89		1.80	=PB	# of strides			
wind 0.5 m/s velocity		6.73		10.75	11.24	11.24	11.49	11.24		11.11	9.83	43.9			

Sani Brown, Abdul Hakim (JPN) (1999)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2025 Xiamen Diamond League (Xiamen, CHN)											*Omega Timing (2025) - diamond league race analysis*				
date 26-Apr-25 time	1.98	3.04	3.99	4.91	5.82	6.72	7.61	8.52	9.45	10.42	10.42	2 / 10			
reaction time 0.163 interval		1.06	0.95	0.92	0.91	0.90	0.89	0.91	0.93	0.97		# of strides	3.99	2.73	2.73
wind 0.2 m/s velocity	5.05	9.43	10.53	10.87	10.99	11.11	11.24	10.99	10.75	10.31	9.60	45.0	7.52	10.99	10.99
FINAL - 2024 Memorial van damme (Brussels, BEL)											*Omega Timing (2024) - diamond league race analysis*				
date 13-Sep-24 time	1.94	2.98	3.92	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	7 / 6			
reaction time 0.151 interval		1.04	0.94	0.89	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.92	2.64	2.64
wind 0.1 m/s velocity	5.15	9.62	10.64	11.24	11.36	11.49	11.49	11.36	11.24	11.11	9.90	44.0	7.65	11.36	11.36
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)											*Omega Timing (2024) - diamond league race analysis*				
date 30-Aug-24 time	1.90	2.94	3.86	4.75	5.63	6.49	7.37	8.24	9.14	10.05	10.05	1 / 5			
reaction time 0.155 interval		1.04	0.92	0.89	0.88	0.86	0.88	0.87	0.90	0.91		# of strides	3.86	2.63	2.65
wind 0.3 m/s velocity	5.26	9.62	10.87	11.24	11.36	11.63	11.36	11.49	11.11	10.99	9.95	44.2	7.77	11.41	11.32
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*				
date 04-Aug-24 time	1.88	2.92	3.85	4.74	5.61	6.51	7.34	8.19	9.07	9.96	9.96	5 / 4			
reaction time 0.150 interval		1.04	0.93	0.89	0.87	0.90	0.83	0.85	0.88	0.89	**PB**	# of strides	3.85	2.66	2.56
wind 0.5 m/s velocity	5.32	9.62	10.75	11.24	11.49	11.11	12.05	11.76	11.36	11.24	10.04	44.0	7.79	11.28	11.72
Heat 4 - 2024 Olympic Games (Paris, FRA)											*Paris 2024 Olympic Games - Results Book (2024)*				
date 03-Aug-24 time	1.89	2.93	3.87	4.76	5.62	6.50	7.37	8.22	9.12	10.02	10.02	4 / 2			
reaction time 0.138 interval		1.04	0.94	0.89	0.86	0.88	0.87	0.85	0.90	0.90		# of strides	3.87	2.63	2.62
wind 0.0 m/s velocity	5.29	9.62	10.64	11.24	11.60	11.39	11.49	11.76	11.11	11.11	9.98	44.0	7.75	11.41	11.45
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)											*Omega Timing (2024) - diamond league race analysis*				
date 02-Jun-24 time	1.93	2.96	3.90	4.82	5.71	6.60	7.50	8.40	9.32	10.28	10.28	5 / 5			
reaction time 0.144 interval		1.03	0.94	0.92	0.89	0.89	0.90	0.90	0.92	0.96		# of strides	3.90	2.70	2.72
wind -1.0 m/s velocity	5.18	9.71	10.64	10.87	11.24	11.24	11.11	11.11	10.87	10.42	9.73	44.7	7.69	11.11	11.03
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)											*Omega Timing (2023) - diamond league race analysis*				
date 02-Jul-23 time	1.91	2.97	3.93	4.83	5.73	6.62	7.51	8.41	9.34	10.33	10.33	2 / 6			
reaction time 0.148 interval		1.06	0.96	0.90	0.90	0.89	0.89	0.90	0.93	0.99		# of strides	3.93	2.69	2.72
wind 1.0 m/s velocity	5.24	9.43	10.42	11.11	11.11	11.24	11.24	11.11	10.75	10.10	9.68	45.0	7.63	11.15	11.03
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)											*Omega Timing (2022) - diamond league race analysis*				
date 06-Aug-22 time		2.93		4.78		6.54		8.31		10.15	10.15	8 / 7			
reaction time 0.155 interval				1.85		1.76		1.77		1.84		# of strides			
wind -0.7 m/s velocity		6.83		10.81		11.36		11.30		10.87	9.85	44.0			
FINAL - 2022 Bislett Games (Oslo, NOR)											*Omega Timing (2022) - diamond league race analysis*				
date 16-Jun-22 time		2.98		4.82		6.58		8.36		10.18	10.18	8 / 6			
reaction time 0.168 interval				1.84		1.76		1.78		1.82		# of strides			
wind 0.5 m/s velocity		6.71		10.87		11.36		11.24		10.99	9.82	44.2			
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)											*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*				
date 28-Jun-19 time	1.90	2.93	3.86	4.75	5.62	6.48	7.35	8.22	9.11	10.02	10.02	4 / 1			
reaction time 0.153 interval		1.03	0.93	0.89	0.87	0.86	0.87	0.87	0.89	0.91		# of strides	3.86	2.62	2.63
wind -0.3 m/s velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.49	11.24	10.99	9.98	44.0	7.77	11.45	11.41
FINAL - 2019 SEC Championships (Fayetteville, AR)											*(2019) - tfdata-store.com/2019/05/19/post-1581/*				
date 11-May-19 time			3.86			6.48			9.09	9.99	9.99	5 / 1			
reaction time						2.62			2.61	0.90	**PB**	# of strides	3.86	2.62	2.61
wind 1.8 m/s velocity			7.77			11.45			11.49	11.11	10.01	43.5	7.77	11.45	11.49
FINAL - 2017 Japanese National Championships (Osaka, JPN)											*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*				
date 24-Jun-17 time	1.88	2.92	3.86	4.76	5.63	6.50	7.37	8.25	9.14	10.05	10.05	/ 1			
reaction time 0.156 interval		1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.89	0.91	**PB**	# of strides	3.86	2.64	2.64
wind 0.5 m/s velocity	5.32	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.24	10.99	9.95	44.7	7.77	11.36	11.36
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)											*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*				
date 08-May-16 time	1.92	2.99	3.95	4.86	5.76	6.65	7.55	8.46	9.39	10.34	10.34	3 / 5			
reaction time		1.07	0.96	0.91	0.90	0.89	0.90	0.91	0.93	0.95		# of strides	3.95	2.70	2.74
wind -0.4 m/s velocity	5.21	9.35	10.42	10.99	11.11	11.24	11.11	10.99	10.75	10.53	9.67	44.8	7.59	11.11	10.95
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)											*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*				
date 30-Jul-15 time			3.92	4.84	5.78	6.66	7.55	8.44	9.37	10.30	10.30	2 / 2			
reaction time				0.92	0.94	0.88	0.89	0.89	0.93	0.93		# of strides	3.92	2.74	2.71
wind -0.8 m/s velocity			7.65	10.87	10.64	11.36	11.24	11.24	10.75	10.75	9.71	44.0	7.65	10.95	11.07

FINAL - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	28-Jun-15	time	1.87	2.98	3.93	4.85	5.76	6.67	7.58	8.51	9.44	10.40	10.40	/ 2			
reaction time	0.159	interval		1.11	0.95	0.92	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.74	2.77
wind	-0.9 m/s	velocity	5.35	9.01	10.53	10.87	10.99	10.99	10.99	10.75	10.75	10.42	9.62		7.63	10.95	10.83

Sano, Yo (JPN) (1999)

FINAL - 2016 Japanese High School Championships (Okayama, JPN) *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 30-Jul-16	time	2.95	4.02	5.00	5.95	6.90	7.85	8.83		10.82	10.82	/ 4			
reaction time 0.137	interval		1.07	0.98	0.95	0.95	0.95	0.98		1.99		# of strides	4.02	2.88	
wind 3.0 m/s	velocity	6.78	9.35	10.20	10.53	10.53	10.53	10.20		10.05	9.24		7.46	10.42	

Santander Villarubia, Remigio (GEQ) (20

Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 03-Aug-24	time	2.10	3.28	4.34	5.36	6.37	7.39	8.42	9.48	10.55	11.65	11.65	9 / ~~7~~ 6			
reaction time 0.186	interval		1.18	1.06	1.02	1.01	1.02	1.03	1.06	1.07	1.10		# of strides	4.34	3.05	3.16
wind -0.4 m/s	velocity	4.76	8.47	9.43	9.80	9.90	9.80	9.71	9.43	9.35	9.09	8.58		6.91	9.84	9.49

Santos, Diego Moisés (ESP) (1977)

B FINAL 2 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 23-Jun-01	time	3.06	4.06	5.00		6.85		8.67		10.57	10.57	/ 5			
reaction time 0.199	interval		1.00	0.94		1.85		1.82		1.90		# of strides	4.06	2.79	
wind 1.3 m/s	velocity	6.54	10.00	10.64		10.81		10.99		10.53	9.46		7.39	10.75	

Santos, Marcos (ANG) (2004)

Heat 4 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 03-Aug-24	time	1.90	2.98	3.96	4.89	5.80	6.70	7.61	8.53	9.46	10.40	10.40	1 / 7			
reaction time 0.138	interval		1.08	0.98	0.93	0.91	0.90	0.91	0.92	0.93	0.94	**PB**	# of strides	3.96	2.74	2.76
wind 0.0 m/s	velocity	5.26	9.26	10.20	10.75	10.99	11.11	10.99	10.87	10.75	10.64	9.62	45.0	7.58	10.95	10.87

Prelim 4 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date 03-Aug-24	time	1.88	2.97	3.93	4.85	5.74	6.64	7.54	8.45	9.38	10.31	10.31	4 / 2			
reaction time 0.149	interval		1.09	0.96	0.92	0.89	0.90	0.90	0.91	0.93	0.93	**NR PB**	# of strides	3.93	2.71	2.74
wind 0.2 m/s	velocity	5.32	9.17	10.42	10.87	11.24	11.11	11.11	10.99	10.75	10.75	9.70	45.2	7.63	11.07	10.95

Sanuki, Nariyoshi (JPN) (1994)

FINAL - 2012 Japanese National High School Championships (Niigata, JPN) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 30-Jul-12	time				5.89	6.79	7.70	8.65	9.60	10.59	10.59	6 / 3			
reaction time	interval					0.90	0.91	0.95	0.95	0.99		# of strides			2.81
wind 0.0 m/s	velocity				8.49	11.11	10.99	10.53	10.53	10.10	9.44				10.68

Sasaki, Shuya (JPN) (1995)

FINAL - 2013 Japanese National High School Championships (Oita, JPN) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 31-Jul-13	time	1.93	3.02	4.01	4.96	5.89	6.82	7.76	8.70	9.66	10.65	10.65	/ 7			
reaction time	interval		1.09	0.99	0.95	0.93	0.93	0.94	0.94	0.96	0.99		# of strides	4.01	2.81	2.84
wind 0.1 m/s	velocity	5.18	9.17	10.10	10.53	10.75	10.75	10.64	10.64	10.42	10.10	9.39		7.48	10.68	10.56

Sato, Ayato (JPN)

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 25-May-19	time		4.17			7.05			9.93	10.98	10.98	4 / 2			
reaction time	interval					2.88			2.88	1.05		# of strides	4.17	2.88	2.88
wind 1.3 m/s	velocity		7.19			10.42			10.42	9.52	9.11	49.5	7.19	10.42	10.42

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date 26-May-18	time		4.13			7.07			10.02	11.06	11.06	8 / 7			
reaction time	interval					2.94			2.95	1.04		# of strides	4.13	2.94	2.95
wind 2.3 m/s	velocity		7.26			10.20			10.17	9.62	9.04	50.8	7.26	10.20	10.17

Sato, Hatano (JPN)

FINAL - 2023 Shimane High School Championships (Izumo, JPN) *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date 27-May-23	time		4.18			7.13			10.15	11.22	11.22	8 / 6			
reaction time	interval					2.95			3.02	1.07		# of strides	4.18	2.95	3.02
wind 0.9 m/s	velocity		7.18			10.17			9.93	9.35	8.91	48.2	7.18	10.17	9.93

Savin, Vitaliy (URS) (1966)

FINAL - 1991 European Cup (Frankfurt, GER) *Federle (2003) - http://www.fgs.uni-halle.de*

date 29-Jun-91	time		3.98			6.72		8.56		10.51	10.51	/ 6			
reaction time	interval					2.74		1.84		1.95		# of strides	3.98	2.74	
wind 0.5 m/s	velocity		7.54			10.95		10.87		10.26	9.51		7.54	10.95	

Scales, Mardy (USA) (1981)

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date 28-Jun-08	time	1.84	2.94	3.89	4.77	5.64	6.51	7.39	8.27	9.21	10.15	10.15	2 / 6			

reaction time		interval		1.10	0.95	0.88	0.87	0.87	0.88	0.88	0.94	0.94		# of strides	3.89	2.62	2.70
wind	1.6 m/s	velocity	5.43	9.09	10.53	11.36	11.49	11.49	11.36	11.36	10.64	10.64	9.85	47.2	7.71	11.45	11.11

Heat 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.86	2.90	3.83	4.75	5.62	6.48	7.36	8.29	9.22	10.16	10.16	6 / 4			
reaction time		interval		1.04	0.93	0.92	0.87	0.86	0.88	0.93	0.93	0.94		# of strides	3.83	2.65	2.74
wind	1.4 m/s	velocity	5.38	9.62	10.75	10.87	11.49	11.63	11.36	10.75	10.75	10.64	9.84		7.83	11.32	10.95

FINAL - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.97	3.03	3.96	4.87	5.77	6.70	7.59	8.49	9.48	10.43	10.43	8 / ~~8~~ 7			
reaction time		interval		1.06	0.93	0.91	0.90	0.93	0.89	0.90	0.99	0.95		# of strides	3.96	2.74	2.78
wind	-1.2 m/s	velocity	5.08	9.43	10.75	10.99	11.11	10.75	11.24	11.11	10.10	10.53	9.59	48.5	7.58	10.95	10.79

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.94	3.00	3.94	4.86	5.76	6.65	7.54	8.46	9.39	10.34	10.34	1 / ~~4~~ 3			
reaction time		interval		1.06	0.94	0.92	0.90	0.89	0.89	0.92	0.93	0.95		# of strides	3.94	2.71	2.74
wind	-1.2 m/s	velocity	5.15	9.43	10.64	10.87	11.11	11.24	11.24	10.87	10.75	10.53	9.67	48.0	7.61	11.07	10.95

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

date	25-Jun-05	time	1.91	2.99	3.94	4.85	5.74	6.66	7.56	8.47	9.41	10.36	10.36	1 / 7			
reaction time		interval		1.08	0.95	0.91	0.89	0.92	0.90	0.91	0.94	0.95		# of strides	3.94	2.72	2.75
wind	-2.3 m/s	velocity	5.24	9.26	10.53	10.99	11.24	10.87	11.11	10.99	10.64	10.53	9.65	49.5	7.61	11.03	10.91

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

date	20-Jun-03	time	1.92	3.07	4.00	4.89	5.82	6.69	7.60	8.50	9.42	10.32	10.32	1 / ~~7~~ 6			
reaction time		interval		1.15	0.93	0.89	0.93	0.87	0.91	0.90	0.92	0.90		# of strides	4.00	2.69	2.73
wind	1.6 m/s	velocity	5.21	8.70	10.75	11.24	10.75	11.49	10.99	11.11	10.87	11.11	9.69		7.50	11.15	10.99

Schacht, Christian (GER) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL 2 - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.04	4.04	4.99		6.85		8.71		10.62	10.62	/ 6			
reaction time	0.164	interval			1.00	0.95		1.86		1.86		1.91		# of strides	4.04	2.81	
wind	1.3 m/s	velocity		6.58	10.00	10.53		10.75		10.75		10.47	9.42		7.43	10.68	

Schädelbauer, David (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.22		5.34		7.41		9.50		11.69	11.69	2 / 4			
reaction time	0.186	interval				2.12		2.07		2.09		2.19		# of strides			
wind	-4.2 m/s	velocity		6.21		9.43		9.66		9.57		9.13	8.55				

Schmidt, Roy (GER) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.12	4.10	5.04		6.90		8.80		10.78	10.78	/ 4			
reaction time		interval			0.98	0.94		1.86		1.90		1.98		# of strides	4.10	2.80	
wind	0.5 m/s	velocity		6.41	10.20	10.64		10.75		10.53		10.10	9.28		7.32	10.71	

Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.13	4.11	5.05		6.89		8.77		10.70	10.70	/ 2			
reaction time		interval			0.98	0.94		1.84		1.88		1.93		# of strides	4.11	2.78	
wind	1.0 m/s	velocity		6.39	10.20	10.64		10.87		10.64		10.36	9.35		7.30	10.79	

Schröder, Thomas (GDR) (1962)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1983 Olympischen Tag (East Berlin, GDR) *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

date	08-Jun-83	time			3.98			6.66		8.42		10.22	10.22	/ 1			
reaction time		interval						2.68		1.76		1.80	**PB**	# of strides	3.98	2.68	
wind	1.0 m/s	velocity			7.54			11.19		11.36		11.11	9.78		7.54	11.19	

FINAL - 1980 East German Spitzenklasse (Jena, GDR) *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

date	17-May-80	time			4.05			6.78		8.59		10.42	10.42	/ 3			
reaction time		interval						2.73		1.81		1.83		# of strides	4.05	2.73	
wind	???	velocity			7.41			10.99		11.05		10.93	9.60		7.41	10.99	

Schwab, Stefan (GER) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Aug-09	time		2.96	3.92	4.84		6.70		8.56		10.50	10.50	8 / 5			
reaction time	0.156	interval			0.96	0.92		1.86		1.86		1.94		# of strides	3.92	2.78	
wind	-0.2 m/s	velocity		6.76	10.42	10.87		10.75		10.75		10.31	9.52		7.65	10.79	

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time		2.95	3.90	4.81		6.61		8.46		10.35	10.35	/ 8			
reaction time	0.177	interval			0.95	0.91		1.80		1.85		1.89		# of strides	3.90	2.71	
wind	1.4 m/s	velocity		6.78	10.53	10.99		11.11		10.81		10.58	9.66		7.69	11.07	

Schwarze, Dennis (GER) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Youth Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time		3.19	4.22	5.20		7.07		9.10		11.14	11.14	/ 6			
reaction time	interval			1.03	0.98		1.87		2.03		2.04		# of strides	4.22	2.85	
wind 0.0 m/s	velocity		6.27	9.71	10.20		10.70		9.85		9.80	8.98		7.11	10.53	

Scott, Evan (USA) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time			3.93			6.65		8.46		10.32	10.32	2 / ~~4~~ 3			
reaction time	interval						2.72		1.81		1.86		# of strides	3.93	2.72	
wind 1.5 m/s	velocity			7.63			11.03		11.05		10.75	9.69		7.63	11.03	

Scott, Leonard (USA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 25-Jun-05	time	1.90	2.92	3.82	4.74	5.62	6.49	7.37	8.31	9.23	10.18	10.18	4 / 3			
reaction time	interval		1.02	0.90	0.92	0.88	0.87	0.88	0.94	0.92	0.95		# of strides	3.82	2.67	2.74
wind -2.3 m/s	velocity	5.26	9.80	11.11	10.87	11.36	11.49	11.36	10.64	10.87	10.53	9.82	47.0	7.85	11.24	10.95
FINAL - 2004 USA Olympic Trials (Sacramento, CA)												*USATF Women's Sprint Development (2004)*			
date 11-Jul-04	time	1.98	3.00	3.93	4.83	5.70	6.62	7.49	8.40	9.34	10.35	10.35	8 / ~~8~~ 7			
reaction time 0.177	interval		1.02	0.93	0.90	0.87	0.92	0.87	0.91	0.94	1.01		# of strides	3.93	2.69	2.72
wind 0.0 m/s	velocity	5.05	9.80	10.75	11.11	11.49	10.87	11.49	10.99	10.64	9.90	9.66	47.0	7.63	11.15	11.03

Sebabi, Nasser (SWE) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			4.06			6.87		8.73		10.68	10.68	3 / 5			
reaction time	interval						2.81		1.86		1.95	**PB**	# of strides	4.06	2.81	
wind 2.0 m/s	velocity			7.39			10.68		10.75		10.26	9.36		7.39	10.68	
B FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			4.06			6.88		8.78		10.76	10.76	/ 3			
reaction time	interval						2.82		1.90		1.98		# of strides	4.06	2.82	
wind 1.1 m/s	velocity			7.39			10.64		10.53		10.10	9.29		7.39	10.64	

Šebrle, Roman (CZE) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 19-Aug-09	time		3.17		5.17		7.13		9.08		11.16	11.16	8 / 3			
reaction time 0.160	interval				2.00		1.96		1.95		2.08		# of strides			
wind -0.3 m/s	velocity		6.31		10.00		10.20		10.26		9.62	8.96				

Sekiguchi, Yuta (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												*Kishima (2022) - national high school championships biomechanics data collection*			
date 04-Aug-22	time	1.86	2.94	3.91	4.83	5.74	6.65	7.57	8.49	9.42	10.38	10.38	6 / 1			
reaction time 0.157	interval		1.08	0.97	0.92	0.91	0.91	0.92	0.92	0.93	0.96	**PB**	# of strides	3.91	2.74	2.77
wind -0.6 m/s	velocity	5.38	9.26	10.31	10.87	10.99	10.99	10.87	10.87	10.75	10.42	9.63	48.0	7.67	10.95	10.83

Senda, Mizuki (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												*Kishima (2022) - national high school championships biomechanics data collection*			
date 04-Aug-22	time	1.93	3.05	4.06	5.02	5.97	6.91	7.85	8.80	9.77	10.75	10.75	2 / 8			
reaction time 0.131	interval		1.12	1.01	0.96	0.95	0.94	0.94	0.95	0.97	0.98		# of strides	4.06	2.85	2.86
wind -0.6 m/s	velocity	5.18	8.93	9.90	10.42	10.53	10.64	10.64	10.53	10.31	10.20	9.30	48.0	7.39	10.53	10.49

Sennung, David (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time			4.06			6.92		8.84		10.78	10.78	6 / 6			
reaction time	interval						2.86		1.92		1.94		# of strides	4.06	2.86	
wind 0.9 m/s	velocity			7.39			10.49		10.42		10.31	9.28		7.39	10.49	
B FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time			4.08			6.92		8.83		10.78	10.78	7 / 6			
reaction time	interval						2.84		1.91		1.95		# of strides	4.08	2.84	
wind 0.3 m/s	velocity			7.35			10.56		10.47		10.26	9.28		7.35	10.56	
B FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time			4.07			6.86		8.73		10.67	10.67	2 / 3			
reaction time	interval						2.79		1.87		1.94		# of strides	4.07	2.79	
wind 1.1 m/s	velocity			7.37			10.75		10.70		10.31	9.37		7.37	10.75	
FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time			4.11			6.92		8.78		10.69	10.69	/ 6			
reaction time	interval						2.81		1.86		1.91		# of strides	4.11	2.81	

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

wind	0.1 m/s	velocity		7.30		10.68		10.75		10.47	9.35		7.30	10.68	

B FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.06		6.85		8.70		10.61	10.61	4 / 3			
reaction time		interval				2.79		1.85		1.91		# of strides	4.06	2.79	
wind	2.0 m/s	velocity		7.39		10.75		10.81		10.47	9.43		7.39	10.75	

B FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		4.13		7.01		8.93		10.93	10.93	/ 5			
reaction time		interval				2.88		1.92		2.00		# of strides	4.13	2.88	
wind	1.8 m/s	velocity		7.26		10.42		10.42		10.00	9.15		7.26	10.42	

Seoud, Amr Ibrahim Mostafa (EGY) (198

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2008 Windsprint (Sundsvall, SWE) *(2008) - www.ssg.se/en/Windsprint/Split-times/*

date	06-Jul-08	time		4.03		6.78		8.61		10.48	10.48	6 / 2			
reaction time		interval				2.75		1.83		1.87		# of strides	4.03	2.75	
wind	1.6 m/s	velocity		7.44		10.91		10.93		10.70	9.54	47.2	7.44	10.91	

Seville, Oblique (JAM) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Short Sprints - 2025 Grand Slam Track Miami (Miramar, FL) *Grand Slam Track (2025) - results and splits by race*

date	03-May-25	time	1.95	2.95	3.87	4.74	5.60	6.42	7.27	8.13	8.97	9.84	9.84	4 / 2			
reaction time	0.190	interval		1.00	0.92	0.87	0.86	0.82	0.85	0.86	0.84	0.87		# of strides	3.87	2.55	2.55
wind	2.4 m/s	velocity	5.13	10.00	10.87	11.49	11.63	12.20	11.76	11.63	11.90	11.49	10.16	47.0	7.75	11.76	11.76

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

date	04-Aug-24	time	1.89	2.94	3.87	4.75	5.60	6.45	7.29	8.13	9.00	9.91	9.91	6 / 8			
reaction time	0.171	interval		1.05	0.93	0.88	0.85	0.85	0.84	0.84	0.87	0.91		# of strides	3.87	2.58	2.55
wind	1.0 m/s	velocity	5.29	9.52	10.75	11.36	11.76	11.76	11.90	11.90	11.49	10.99	10.09	47.5	7.75	11.63	11.76

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

date	04-Aug-24	time	1.87	2.90	3.83	4.71	5.55	6.40	7.24	8.09	8.94	9.81	9.81	6 / 1			
reaction time	0.146	interval		1.03	0.93	0.88	0.84	0.85	0.84	0.85	0.85	0.87	PB	# of strides	3.83	2.57	2.54
wind	0.7 m/s	velocity	5.35	9.71	10.75	11.36	11.90	11.76	11.90	11.76	11.76	11.49	10.19	47.0	7.83	11.67	11.81

Heat 4 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.91	2.96	3.90	4.79	5.66	6.51	7.38	8.24	9.11	9.99	9.99	6 / 1			
reaction time	0.162	interval		1.05	0.94	0.89	0.87	0.85	0.87	0.86	0.87	0.88		# of strides	3.90	2.61	2.60
wind	0.0 m/s	velocity	5.24	9.52	10.64	11.24	11.49	11.76	11.49	11.63	11.49	11.36	10.01	47.7	7.69	11.49	11.54

Shaw, Zachary (GBR) (1995) (T12)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	17-Sep-23	time	2.05	3.18	4.19	5.17	6.12	7.07	8.02	8.98	9.96	10.99	10.99	4 / 2			
reaction time	0.147	interval		1.13	1.01	0.98	0.95	0.95	0.95	0.96	0.98	1.03		# of strides	4.19	2.88	2.89
wind	0.0 m/s	velocity	4.88	8.85	9.90	10.20	10.53	10.53	10.53	10.42	10.20	9.71	9.10	52.0	7.16	10.42	10.38

Shi Junhao (CHN) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.97	3.03	4.00	4.90	5.79	6.67	7.57	8.50	9.44	10.38	10.38	4 / 6			
reaction time	0.162	interval		1.06	0.97	0.90	0.89	0.88	0.90	0.93	0.94	0.94		# of strides	4.00	2.67	2.77
wind	-0.2 m/s	velocity	5.08	9.43	10.31	11.11	11.24	11.36	11.11	10.75	10.64	10.64	9.63	47.5	7.50	11.24	10.83

Semi-Final 2 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	2.98	3.97	4.86	5.76	6.66	7.56	8.49	9.44	10.38	10.38	7 / 1			
reaction time	0.165	interval		1.03	0.99	0.89	0.90	0.90	0.90	0.93	0.95	0.94		# of strides	3.97	2.69	2.78
wind	0.6 m/s	velocity	5.13	9.71	10.10	11.24	11.11	11.11	11.11	10.75	10.53	10.64	9.63	47.7	7.56	11.15	10.79

Shi Yuhao (CHN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	2.97	3.90	4.79	5.69	6.59	7.47	8.37	9.27	10.20	10.20	5 / 1			
reaction time	0.149	interval		1.02	0.93	0.89	0.90	0.90	0.88	0.90	0.90	0.93		# of strides	3.90	2.69	2.68
wind	-0.2 m/s	velocity	5.13	9.80	10.75	11.24	11.11	11.11	11.36	11.11	11.11	10.75	9.80	46.0	7.69	11.15	11.19

Semi-Final 1 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	2.98	3.96	4.87	5.78	6.69	7.59	8.49	9.39	10.34	10.34	8 / 1			
reaction time	0.167	interval		1.03	0.98	0.91	0.91	0.91	0.90	0.90	0.90	0.95		# of strides	3.96	2.73	2.70
wind	0.1 m/s	velocity	5.13	9.71	10.20	10.99	10.99	10.99	11.11	11.11	11.11	10.53	9.67	45.5	7.58	10.99	11.11

FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.92	2.95	3.89	4.80	5.68	6.55	7.42	8.31	9.24	10.18	10.18	3 / 2			
reaction time	0.149	interval		1.03	0.94	0.91	0.88	0.87	0.87	0.89	0.93	0.94	PB	# of strides	3.89	2.66	2.69
wind	0.7 m/s	velocity	5.21	9.71	10.64	10.99	11.36	11.49	11.49	11.24	10.75	10.64	9.82	46.0	7.71	11.28	11.15

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.95	2.99	3.96	4.85	5.76	6.66	7.55	8.45	9.36	10.31	10.31	5 / 2		
reaction time	0.161	interval		1.04	0.97	0.89	0.91	0.90	0.89	0.90	0.91	0.95		# of strides	3.96	2.70	2.70
wind	-0.2 m/s	velocity	5.13	9.62	10.31	11.24	10.99	11.11	11.24	11.11	10.99	10.53	9.70	9.2	7.58	11.11	11.11

Shigetani, Daiki (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.90	2.99	3.98	4.92	5.85	6.77	7.70	8.63	9.58	10.54	10.54	6 / 2		
reaction time	0.155	interval		1.09	0.99	0.94	0.93	0.92	0.93	0.93	0.95	0.96		# of strides	3.98	2.79	2.81
wind	0.6 m/s	velocity	5.26	9.17	10.10	10.64	10.75	10.87	10.75	10.75	10.53	10.42	9.49	48.6	7.54	10.75	10.68

Heat 3 - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.90	2.97	3.94	4.87	5.79	6.70	7.61	8.54	9.48	10.44	10.44	5 / 1		
reaction time	0.150	interval		1.07	0.97	0.93	0.92	0.91	0.91	0.93	0.94	0.96		# of strides	3.94	2.76	2.78
wind	2.0 m/s	velocity	5.26	9.35	10.31	10.75	10.87	10.99	10.99	10.75	10.64	10.42	9.58	48.5	7.61	10.87	10.79

Shikata, Makoto (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) *Shibayama (2021) - national high school and U20 national championhsips*

date	29-Jul-21	time	1.92	3.01	3.99	4.93	5.85	6.77	7.69	8.62	9.56	10.52	10.52	1 / 5		
reaction time	0.115	interval		1.09	0.98	0.94	0.92	0.92	0.92	0.93	0.94	0.96	PB	# of strides	3.99	2.78	2.79
wind	1.8 m/s	velocity	5.21	9.17	10.20	10.64	10.87	10.87	10.87	10.75	10.64	10.42	9.51		7.52	10.79	10.75

Shimada, Kaishin (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.93	3.02	4.00	4.94	5.87	6.78	7.70	8.63	9.58	10.55	10.55	5 / 3		
reaction time	0.164	interval		1.09	0.98	0.94	0.93	0.91	0.92	0.93	0.95	0.97		# of strides	4.00	2.78	2.80
wind	0.6 m/s	velocity	5.18	9.17	10.20	10.64	10.75	10.99	10.87	10.75	10.53	10.31	9.48	52.2	7.50	10.79	10.71

Heat 2 - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.89	2.97	3.95	4.88	5.80	6.71	7.63	8.57	9.52	10.51	10.51	3 / 1		
reaction time	0.142	interval		1.08	0.98	0.93	0.92	0.91	0.92	0.94	0.95	0.99		# of strides	3.95	2.76	2.81
wind	0.2 m/s	velocity	5.29	9.26	10.20	10.75	10.87	10.99	10.87	10.64	10.53	10.10	9.51	52.2	7.59	10.87	10.68

Shimizu, Tsuyoshi (JPN) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) *Matsubayashi (2018) - research on athlete performance and technique*

date	21-Apr-18	time	1.99	3.13	4.16	5.15	6.12	7.08	8.04	9.02	10.02	11.04	11.04	4 / 3		
reaction time		interval		1.14	1.03	0.99	0.97	0.96	0.96	0.98	1.00	1.02		# of strides	4.16	2.92	2.94
wind	-4.4 m/s	velocity	5.03	8.77	9.71	10.10	10.31	10.42	10.42	10.20	10.00	9.80	9.06		7.21	10.27	10.20

Shiraishi, Kirara (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2020 Athlete Night Games (Fukui, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.87	2.95	3.93	4.86	5.76	6.66	7.55	8.46	9.38	10.31	10.31	/ 3		
reaction time		interval		1.08	0.98	0.93	0.90	0.90	0.89	0.91	0.92	0.93		# of strides	3.93	2.73	2.72
wind	1.5 m/s	velocity	5.35	9.26	10.20	10.75	11.11	11.11	11.24	10.99	10.87	10.75	9.70	49.6	7.63	10.99	11.03

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	28-Apr-19	time	1.91	2.98	3.94	4.85	5.74	6.63	7.51	8.39	9.28	10.19	10.19	5 / 1		
reaction time		interval		1.07	0.96	0.91	0.89	0.89	0.88	0.88	0.89	0.91	PB	# of strides	3.94	2.69	2.65
wind	1.2 m/s	velocity	5.24	9.35	10.42	10.99	11.24	11.24	11.36	11.36	11.24	10.99	9.81	47.0	7.61	11.15	11.32

Shitara, Oga (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.94	3.04	4.04	5.01	5.96	6.91	7.86	8.83	9.81	10.80	10.80	5 / 3		
reaction time	0.163	interval		1.10	1.00	0.97	0.95	0.95	0.95	0.97	0.98	0.99		# of strides	4.04	2.87	2.90
wind	-2.4 m/s	velocity	5.15	9.09	10.00	10.31	10.53	10.53	10.53	10.31	10.20	10.10	9.26	47.5	7.43	10.45	10.34

Heat 1 - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	1.92	3.02	4.02	4.97	5.91	6.85	7.78	8.73	9.69	10.66	10.66	3 / 1		
reaction time	0.135	interval		1.10	1.00	0.95	0.94	0.94	0.93	0.95	0.96	0.97		# of strides	4.02	2.83	2.84
wind	-1.1 m/s	velocity	5.21	9.09	10.00	10.53	10.64	10.64	10.75	10.53	10.42	10.31	9.38	47.5	7.46	10.60	10.56

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.93	3.03	4.01	4.95	5.87	6.78	7.69	8.62	9.55	10.52	10.52	/ 6		
reaction time		interval		1.10	0.98	0.94	0.92	0.91	0.91	0.93	0.93	0.97		# of strides	4.01	2.77	2.77
wind	2.9 m/s	velocity	5.18	9.09	10.20	10.64	10.87	10.99	10.99	10.75	10.75	10.31	9.51		7.48	10.83	10.83

Shosei, Kadoya (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.05			6.88			9.78	10.70	10.79	5 / 2		
reaction time		interval						2.83			2.90	0.92		# of strides	4.05	2.83	2.90
wind	1.5 m/s	velocity			7.41			10.60			10.34	10.87	9.27	50.0	7.41	10.60	10.34

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	25-May-19	time		4.07		6.97		9.80	10.82	10.82	6 / 1			
reaction time		interval				2.90		2.83	1.02		# of strides	4.07	2.90	2.83
wind	1.3 m/s	velocity		7.37		10.34		10.60	9.80	9.24	50.2	7.37	10.34	10.60

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	26-May-18	time		4.10		7.01		9.92	10.93	10.93	3 / 5			
reaction time		interval				2.91		2.91	1.01		# of strides	4.10	2.91	2.91
wind	2.3 m/s	velocity		7.32		10.31		10.31	9.90	9.15	50.0	7.32	10.31	10.31

Shun, Nunomura (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	26-May-18	time		4.12		7.04		9.98	11.03	11.03	7 / 6			
reaction time		interval				2.92		2.94	1.05		# of strides	4.12	2.92	2.94
wind	2.3 m/s	velocity		7.28		10.27		10.20	9.52	9.07	51.0	7.28	10.27	10.20

Sicobo, Dyland (SEY) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	03-Aug-24	time	1.93	3.02	4.00	4.93	5.85	6.76	7.70	8.66	9.63	10.62	10.62	9 / 9			
reaction time	0.145	interval		1.09	0.98	0.93	0.92	0.91	0.94	0.96	0.97	0.99		# of strides	4.00	2.76	2.87
wind	-0.2 m/s	velocity	5.18	9.17	10.20	10.75	10.87	10.99	10.64	10.42	10.31	10.10	9.42	49.0	7.50	10.87	10.45

Prelim 6 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.92	3.00	3.96	4.90	5.81	6.71	7.65	8.58	9.55	10.51	10.51	4 / 2			
reaction time	0.141	interval		1.08	0.96	0.94	0.91	0.90	0.94	0.93	0.97	0.96		# of strides	3.96	2.75	2.84
wind	0.3 m/s	velocity	5.21	9.26	10.42	10.64	10.99	11.11	10.64	10.75	10.31	10.42	9.51	48.7	7.58	10.91	10.56

Silva, Arnaldo Oliveira (BRA) (1964)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.93	2.97	3.93	4.84	5.75	6.64	7.56	8.48	9.40	10.32	10.32	8 / 5			
reaction time		interval		1.04	0.96	0.91	0.91	0.89	0.92	0.92	0.92	0.92		# of strides	3.93	2.71	2.76
wind	0.6 m/s	velocity	5.18	9.62	10.42	10.99	10.99	11.24	10.87	10.87	10.87	10.87	9.69		7.63	11.07	10.87

Simbine, Akani (RSA) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	1.93	2.97	3.91	4.80	5.68	6.54	7.39	8.24	9.11	9.98	9.98	5 / 1			
reaction time	0.156	interval		1.04	0.94	0.89	0.88	0.86	0.85	0.85	0.87	0.87		# of strides	3.91	2.63	2.57
wind	0.5 m/s	velocity	5.18	9.62	10.64	11.24	11.36	11.63	11.76	11.76	11.49	11.49	10.02	47.0	7.67	11.41	11.67

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

date	26-Apr-25	time	1.92	2.96	3.90	4.80	5.67	6.52	7.37	8.23	9.10	9.99	9.99	5 / 1			
reaction time	0.145	interval		1.04	0.94	0.90	0.87	0.85	0.85	0.86	0.87	0.89		# of strides	3.90	2.62	2.58
wind	0.2 m/s	velocity	5.21	9.62	10.64	11.11	11.49	11.76	11.76	11.63	11.49	11.24	10.01	47.0	7.69	11.45	11.63

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

date	13-Sep-24	time	1.92	2.97	3.91	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	5 / 5			
reaction time	0.138	interval		1.05	0.94	0.90	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.91	2.65	2.64
wind	0.1 m/s	velocity	5.21	9.52	10.64	11.11	11.36	11.49	11.49	11.36	11.24	11.11	9.90	47.5	7.67	11.32	11.36

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

date	04-Aug-24	time	1.90	2.95	3.87	4.75	5.60	6.46	7.27	8.11	8.96	9.82	9.82	5 / 4			
reaction time	0.149	interval		1.05	0.92	0.88	0.85	0.86	0.81	0.84	0.85	0.86	**NR PB**	# of strides	3.87	2.59	2.50
wind	1.0 m/s	velocity	5.26	9.52	10.87	11.36	11.76	11.63	12.35	11.90	11.76	11.63	10.18	47.0	7.75	11.58	12.00

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

date	04-Aug-24	time	1.94	2.97	3.91	4.79	5.65	6.50	7.34	8.18	9.03	9.87	9.87	5 / 1			
reaction time	0.143	interval		1.03	0.94	0.88	0.86	0.85	0.84	0.84	0.85	0.84		# of strides	3.91	2.59	2.53
wind	0.0 m/s	velocity	5.15	9.71	10.64	11.36	11.63	11.76	11.90	11.90	11.76	11.90	10.13	46.2	7.67	11.58	11.86

Heat 6 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.01	3.95	4.85	5.73	6.58	7.45	8.31	9.17	10.03	10.03	5 / 1			
reaction time	0.152	interval		1.05	0.94	0.90	0.88	0.85	0.87	0.86	0.86	0.86		# of strides	3.95	2.63	2.59
wind	-1.1 m/s	velocity	5.10	9.52	10.64	11.11	11.36	11.76	11.49	11.63	11.63	11.63	9.97	47.0	7.59	11.41	11.58

FINAL - 2024 London Athletics Meet (London, GBR) *Omega Timing (2024) - diamond league race analysis*

date	20-Jul-24	time	1.94	2.98	3.91	4.80	5.65	6.50	7.33	8.18	9.03	9.86	9.86	7 / 2			
reaction time	0.132	interval		1.04	0.93	0.89	0.85	0.85	0.83	0.85	0.85	0.83		# of strides	3.91	2.59	2.53
wind	-0.3 m/s	velocity	5.15	9.62	10.75	11.24	11.76	11.76	12.05	11.76	11.76	12.05	10.14	47.0	7.67	11.58	11.86

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

date	16-Jul-23	time	1.92	2.97	3.91	4.80	5.66	6.52	7.37	8.23	9.09	9.97	9.97	4 / 1			
reaction time	0.150	interval		1.05	0.94	0.89	0.86	0.86	0.85	0.86	0.86	0.88		# of strides	3.91	2.61	2.57

wind	0.0 m/s	velocity	5.21	9.52	10.64	11.24	11.63	11.63	11.76	11.63	11.63	11.36	10.03	47.7	7.67	11.49	11.67

FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA) *Omega Timing (2023) - diamond league race analysis*

date	02-Jun-23	time	1.95	3.00	3.95	4.89	5.80	6.70	7.47	8.34	9.20	10.09	10.09	3 / 4			
reaction time	0.164	interval		1.05	0.95	0.94	0.91	0.90	0.77	0.87	0.86	0.89		# of strides	3.95	2.75	2.50
wind	0.0 m/s	velocity	5.13	9.52	10.53	10.64	10.99	11.11	12.99	11.49	11.63	11.24	9.91	47.0	7.59	10.91	12.00

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.93	2.98	3.92	4.81	5.68	6.54	7.39	8.24	9.11	9.99	9.99	3 / 2			
reaction time	0.162	interval		1.05	0.94	0.89	0.87	0.86	0.85	0.85	0.87	0.88		# of strides	3.92	2.62	2.57
wind	0.1 m/s	velocity	5.18	9.52	10.64	11.24	11.49	11.63	11.76	11.76	11.49	11.36	10.01	47.0	7.65	11.45	11.67

FINAL - 2022 Weltklasse (Zürich, SUI) *Omega Timing (2022) - diamond league race analysis*

date	08-Sep-22	time		2.97		4.81		6.56		8.30		10.07	10.07	3 / 4			
reaction time	0.142	interval				1.84		1.75		1.74		1.77		# of strides			
wind	-0.3 m/s	velocity		6.73		10.87		11.43		11.49		11.30	9.93	47.0			

FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL) *Omega Timing (2022) - diamond league race analysis*

date	06-Aug-22	time		2.99		4.88		6.65		8.41		10.21	10.21	7 / 8			
reaction time	0.120	interval				1.89		1.77		1.76		1.80		# of strides			
wind	-0.7 m/s	velocity		6.69		10.58		11.30		11.36		11.11	9.79	47.2			

FINAL - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.6		8.2		10.13	10.13	4 / 2			
reaction time		interval				1.90		1.80		1.60		1.93		# of strides			
wind	-0.9 m/s	velocity		6.90		10.53		11.11		12.50		10.36	9.87	48.7			

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.5		8.3		10.07	10.07	4 / 1			
reaction time	0.141	interval				1.90		1.70		1.80		1.77		# of strides			
wind	-0.2 m/s	velocity		6.90		10.53		11.76		11.11		11.30	9.93	47.0			

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2022) - diamond league race analysis*

date	30-Jun-22	time		3.02		4.86		6.59		8.30		10.02	10.02	5 / 1			
reaction time	0.157	interval				1.84		1.73		1.71		1.72		# of strides			
wind	-0.5 m/s	velocity		6.62		10.87		11.56		11.70		11.63	9.98	47.0			

FINAL - 2022 Bislett Games (Oslo, NOR) *Omega Timing (2022) - diamond league race analysis*

date	16-Jun-22	time		2.96		4.81		6.57		8.32		10.09	10.09	4 / 3			
reaction time	0.136	interval				1.85		1.76		1.75		1.77		# of strides			
wind	0.5 m/s	velocity		6.76		10.81		11.36		11.43		11.30	9.91	48.0			

FINAL - 2021 Weltklasse (Zürich, SUI) *Omega Timing (2021) - diamond league race analysis*

date	09-Sep-21	time		3.0		4.9		6.6		8.3		10.10	10.10	8 / 5			
reaction time	0.113	interval				1.90		1.70		1.70		1.80		# of strides			
wind	-0.4 m/s	velocity		6.67		10.53		11.76		11.76		11.11	9.90	48.0			

FINAL - 2021 Memorial van Damme (Brussels, BEL) *Omega Timing (2021) - diamond league race analysis*

date	03-Sep-21	time		3.0		4.9		6.7		8.4		10.18	10.18	4 / 6			
reaction time	0.150	interval				1.90		1.80		1.70		1.78		# of strides			
wind	0.1 m/s	velocity		6.67		10.53		11.11		11.76		11.24	9.82	48.0			

FINAL - 2021 Prefontaine Classic (Eugene, OR) *Omega Timing (2021) - diamond league race analysis*

date	21-Aug-21	time		3.0		4.8		6.6		8.3		9.95	9.95	4 / 7			
reaction time	0.132	interval				1.80		1.80		1.70		1.65		# of strides			
wind	2.9 m/s	velocity		6.67		11.11		11.11		11.76		12.12	10.05	47.0			

FINAL - 2020 Olympic Games (Tokyo, JPN) *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time			3.88			6.50		8.20		9.93	9.93	2 / 4			
reaction time	0.141	interval						2.62		3.43		1.73		# of strides	3.88	2.62	
wind	0.1 m/s	velocity			7.73			11.45		5.83		11.56	10.07	47.0	7.73	11.45	

Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN) *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time			3.86			6.46		8.16		9.90	9.90	7 / 4			
reaction time	0.140	interval						2.60		3.44		1.74		# of strides	3.86	2.60	
wind	0.9 m/s	velocity			7.77			11.54		5.81		11.49	10.10	47.0	7.77	11.54	

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time		3.0		4.8		6.6		8.3		9.98	9.98	4 / 2			
reaction time	0.153	interval				1.80		1.80		1.70		1.68		# of strides			
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.76		11.90	10.02	47.5			

FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA) *Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time	3.0	4.9	6.6	8.3	10.08	10.08	5 / 1
reaction time	0.147	interval		1.90	1.70	1.70	1.78		# of strides
wind	-0.1 m/s	velocity	6.67	10.53	11.76	11.76	11.24	9.92	48.5

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time	3.0	4.8	6.5	8.2	9.96	9.96	5 / 1
reaction time	0.144	interval		1.78	1.70	1.70	1.76		# of strides
wind	0.3 m/s	velocity	6.62	11.24	11.76	11.76	11.36	6.02	48.2

FINAL - 2019 IAAF World Championships (Doha, QAT) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	28-Sep-19	time	1.87	2.92	3.85	4.74	5.60	6.46	7.31	8.17	9.04	9.93	9.93	5 / 4			
reaction time	0.117	interval		1.05	0.93	0.89	0.86	0.86	0.85	0.86	0.87	0.89		# of strides	3.85	2.61	2.58
wind	0.6 m/s	velocity	5.35	9.52	10.75	11.24	11.63	11.63	11.76	11.63	11.49	11.24	10.07	48.0	7.79	11.49	11.63

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time	3.0	4.9	6.6	8.4	10.10	10.10	5 / 5
reaction time	0.142	interval		1.9	1.7	1.8	1.70		# of strides
wind	-0.4 m/s	velocity	6.67	10.53	11.76	11.11	11.76	9.90	48.0

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.1	4.9	6.7	8.4	10.15	10.15	2 / 7
reaction time	0.122	interval		1.8	1.8	1.7	1.75		# of strides
wind	2.0 m/s	velocity	6.45	11.11	11.11	11.76	11.43	9.85	48.0

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0	4.9	6.6	8.4	10.15	10.15	5 / 4
reaction time	0.139	interval		1.9	1.7	1.8	1.75		# of strides
wind	0.7 m/s	velocity	6.67	10.53	11.76	11.11	11.43	9.85	

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

date	12-Jul-19	time	5.7				10.04	10.04	2 / 4
reaction time	0.140	interval					4.34		# of strides
wind	0.3 m/s	velocity	8.77				11.52	9.96	48.2

FINAL - 2017 IAAF World Championships (London, GBR) *Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*

date	05-Aug-17	time	1.92	2.95	3.87	4.79	5.66	6.50	7.36	8.23	9.11	10.01	10.01	6 / 5			
reaction time	0.141	interval		1.03	0.92	0.92	0.87	0.84	0.86	0.87	0.88	0.90		# of strides	3.87	2.63	2.61
wind	-0.8 m/s	velocity	5.21	9.71	10.87	10.87	11.49	11.90	11.63	11.49	11.36	11.11	9.99	47.8	7.75	11.41	11.49

Sintnicolaas, Eelco (NED) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		3.17		5.16		7.11		9.04		11.05	11.05	5 / 6			
reaction time	0.166	interval				1.99		1.95		1.93		2.01		# of strides			
wind	0.0 m/s	velocity		6.31		10.05		10.26		10.36		9.95	9.05				

Sissoko, Fode (MLI) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	2.10	3.21	4.19	5.14	6.05	6.97	7.88	8.80	9.73	10.66	10.66	4 / ~~4~~ 3			
reaction time	0.182	interval		1.11	0.98	0.95	0.91	0.92	0.91	0.92	0.93	0.93		# of strides	4.19	2.78	2.76
wind	-0.4 m/s	velocity	4.76	9.01	10.20	10.53	10.99	10.87	10.99	10.87	10.75	10.75	9.38	46.2	7.16	10.79	10.87

Sivle, Per Ivar (NOR) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1994 (Tønsberg, NOR) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	20-Jul-94	time			4.13			7.02		8.90		10.85	10.85	**/ 8**			
reaction time		interval						2.89		1.88		1.95		# of strides	4.13	2.89	
wind	**1.8 m/s**	velocity			7.26			10.38		10.64		10.26	9.22		7.26	10.38	

Skancke, Per (NOR) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.25			7.21		9.19		11.23	11.23	8 / 7			
reaction time		interval						2.96		1.98		2.04		# of strides	4.25	2.96	
wind	3.0 m/s	velocity			7.06			10.14		10.10		9.80	8.90		7.06	10.14	

Skeppstedt, Martin (SWE) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.33			7.41		9.50		11.71	11.71	/ 6			
reaction time		interval						3.08		2.09		2.21		# of strides	4.33	3.08	
wind	-0.8 m/s	velocity			6.93			9.74		9.57		9.05	8.54		6.93	9.74	

Skoglund, Björn (SWE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.10		6.89		8.76		10.70	10.70	8 / 4			
reaction time		interval				2.79		1.87		1.94		# of strides	4.10	2.79	
wind	1.1 m/s	velocity		7.32		10.75		10.70		10.31	9.35		7.32	10.75	

E FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.16		7.07		9.00		11.00	11.00	3 / 1			
reaction time		interval				2.91		1.93		2.00		# of strides	4.16	2.91	
wind	1.8 m/s	velocity		7.21		10.31		10.36		10.00	9.09		7.21	10.31	

D FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time		4.28		7.29		9.29		11.38	11.38	/ 2			
reaction time		interval				3.01		2.00		2.09		# of strides	4.28	3.01	
wind	-0.8 m/s	velocity		7.01		9.97		10.00		9.57	8.79		7.01	9.97	

Skotheim, Sander (NOR) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date 02-Aug-24 time	2.07	3.19	4.21	5.17	6.09	7.03	7.97	8.91	9.85	10.78	10.78	4 / 2			
reaction time 0.165 interval		1.12	1.02	0.96	0.92	0.94	0.94	0.94	0.94	0.93		# of strides	4.21	2.82	2.82
wind 0.9 m/s velocity	4.83	8.93	9.80	10.42	10.87	10.64	10.64	10.64	10.64	10.75	9.28	46.7	7.13	10.64	10.64

Slavíček, Lukáš (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.25		5.39		7.49		9.56		11.74	11.74	8 / 6			
reaction time 0.153 interval				2.14		2.10		2.07		2.18		# of strides			
wind -2.7 m/s velocity		6.15		9.35		9.52		9.66		9.17	8.52				

Smirnov, Aleksandr (RUS) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 1 - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.08	4.05	4.97		6.82		8.67		10.62	10.62	/ 6			
reaction time 0.206 interval			0.97	0.92		1.85		1.85		1.95		# of strides	4.05	2.77	
wind 0.6 m/s velocity		6.49	10.31	10.87		10.81		10.81		10.26	9.42		7.41	10.83	

Smith, Calvin (USA) (1961)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1988 Olympic Games (Seoul, KOR)												*Bondachuk (2007) - transfer of training in sports*			
date 24-Sep-88 time	1.92	2.95	3.90	4.79	5.65	6.50	7.36	8.23	9.10	9.99	9.99	5 / ~~4~~ 3			
reaction time 0.176 interval		1.03	0.95	0.89	0.86	0.85	0.86	0.87	0.87	0.89		# of strides	3.90	2.60	2.60
wind 1.1 m/s velocity	5.21	9.71	10.53	11.24	11.63	11.76	11.63	11.49	11.49	11.24	10.01	43.9	7.69	11.54	11.54

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.95	2.99	3.93	4.84	5.74	6.62	7.50	8.37	9.24	10.15	10.15	3 / 2			
reaction time		interval		1.04	0.94	0.91	0.90	0.88	0.88	0.87	0.87	0.91		# of strides	3.93	2.69	2.62
wind	0.6 m/s	velocity	5.13	9.62	10.64	10.99	11.11	11.36	11.36	11.49	11.49	10.99	9.85		7.63	11.15	11.45

FINAL - 1983 IAAF World Championships (Helsinki, FIN) *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time		2.92		4.88	5.78	6.64	7.50	8.39		10.21	10.21	8 / 2			
reaction time	0.130	interval				1.96	0.90	0.86	0.86	0.89		1.82		# of strides		6.64	
wind	-0.3 m/s	velocity		6.85		10.20	11.11	11.63	11.63	11.24		10.99	9.79	44.0		4.52	

FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR) *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

date	09-Jul-82	time		3.90		6.46		8.16		9.91	9.91	/ 1			
reaction time		interval				2.56		1.70		1.75		# of strides	3.90	2.56	
wind	2.1 m/s	velocity		7.69		11.72		11.76		11.43	10.09		7.69	11.72	

Smith, Devon (USA) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championsips (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08 time	1.97	3.05	4.02	4.95	5.87	6.80	7.74	8.71	9.69	10.68	10.68	1 / 7			
reaction time		1.08	0.97	0.93	0.92	0.93	0.94	0.97	0.98	0.99		# of strides	4.02	2.78	2.89
wind 1.1 m/s velocity	5.08	9.26	10.31	10.75	10.87	10.75	10.64	10.31	10.20	10.10	9.36		7.46	10.79	10.38

Smith, Paul (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												*USATF Women's Sprint Development (2003)*			
date 22-Jun-03 time	2.02	3.12	4.14	5.09	6.04	6.99	7.93	8.88	9.88	10.84	10.84	2 / 9			
reaction time		1.10	1.02	0.95	0.95	0.95	0.94	0.95	1.00	0.96		# of strides	4.14	2.85	2.89
wind 0.0 m/s velocity	4.95	9.09	9.80	10.53	10.53	10.53	10.64	10.53	10.00	10.42	9.23		7.25	10.53	10.38

Smith, Tremaine (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05 time	2.04	3.12	4.14	5.07	6.02	6.96	7.89	8.84	9.78	10.78	10.78	1 / 6			
reaction time		1.08	1.02	0.93	0.95	0.94	0.93	0.95	0.94	1.00		# of strides	4.14	2.82	2.82
wind -0.4 m/s velocity	4.90	9.26	9.80	10.75	10.53	10.64	10.75	10.53	10.64	10.00	9.28		7.25	10.64	10.64

Smoots, Jason (USA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.97	3.02	3.97	4.87	5.76	6.66	7.52	8.43	9.34	10.29	10.29	1 / ~~5~~ 4		
reaction time		interval		1.05	0.95	0.90	0.89	0.90	0.86	0.91	0.91	0.95		# of strides	3.97	2.69	2.68
wind	-1.2 m/s	velocity	5.08	9.52	10.53	11.11	11.24	11.11	11.63	10.99	10.99	10.53	9.72	45.5	7.56	11.15	11.19

Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.96	3.04	3.95	4.84	5.72	6.61	7.49	8.39	9.34	10.25	10.25	4 / 3		
reaction time		interval		1.08	0.91	0.89	0.88	0.89	0.88	0.90	0.95	0.91		# of strides	3.95	2.66	2.73
wind	-1.2 m/s	velocity	5.10	9.26	10.99	11.24	11.36	11.24	11.36	11.11	10.53	10.99	9.76	44.5	7.59	11.28	10.99

Snyders, Antoine (BEL) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	14-Sep-24	time	2.01	3.11	4.11	5.07	5.99	6.91	7.84	8.76	9.70	10.65	10.65	8 / 7		
reaction time	0.145	interval		1.10	1.00	0.96	0.92	0.92	0.93	0.92	0.94	0.95		# of strides	4.11	2.80	2.79
wind	0.0 m/s	velocity	4.98	9.09	10.00	10.42	10.87	10.87	10.75	10.87	10.64	10.53	9.39		7.30	10.71	10.75

National - Heat 1 - 2023 FBK Games (Hengelo, NED) *Omega Timing (2023) - continental tour race analysis*

date	04-Jun-23	time	2.01	3.12	4.11	5.05	5.97	6.88	7.80	8.72	9.67	10.64	10.64	4 / 7		
reaction time	0.141	interval		1.11	0.99	0.94	0.92	0.91	0.92	0.92	0.95	0.97		# of strides	4.11	2.77	2.79
wind	0.1 m/s	velocity	4.98	9.01	10.10	10.64	10.87	10.99	10.87	10.87	10.53	10.31	9.40		7.30	10.83	10.75

Sobotka, Ondrej (CZE) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time		3.17		5.15		7.05		8.98		10.96	10.96	6 / 5		
reaction time	0.152	interval				1.98		1.90		1.93		1.98		# of strides			
wind	1.4 m/s	velocity		6.31		10.10		10.53		10.36		10.10	9.12				

Söderqvist, Per-Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

E FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.26			7.25		9.25		11.29	11.29	6 / 5		
reaction time		interval						2.99		2.00		2.04		# of strides	4.26	2.99	
wind	1.8 m/s	velocity			7.04			10.03		10.00		9.80	8.86		7.04	10.03	

D FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time			4.40			7.49		9.54		11.65	11.65	/ 5		
reaction time		interval						3.09		2.05		2.11		# of strides	4.40	3.09	
wind	-0.8 m/s	velocity			6.82			9.71		9.76		9.48	8.58		6.82	9.71	

Solberg, Mats (NOR) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time			4.51			7.80		9.97		12.27	12.27	/ 5		
reaction time		interval						3.29		2.17		2.30		# of strides	4.51	3.29	
wind	0.9 m/s	velocity			6.65			9.12		9.22		8.70	8.15		6.65	9.12	

Someya, Yoshihiro (JPN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time			4.00		5.84					10.49	10.49	3 / 3		
reaction time	0.170	interval					1.84					4.65		# of strides	4.00		
wind	-0.1 m/s	velocity			7.50		3.42					10.75	9.53	46.0	7.50		

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

date	30-Jul-15	time			4.00	4.94	5.92	6.85	7.79	8.72	9.70	10.68	10.68	/ 5		
reaction time		interval				0.94	0.98	0.93	0.94	0.93	0.98	0.98		# of strides	4.00	2.85	2.85
wind	-0.8 m/s	velocity			7.50	10.64	10.20	10.75	10.64	10.75	10.20	10.20	9.36		7.50	10.53	10.53

Song Xinlong (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 11 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	01-Jun-24	time	2.00	3.07	4.05	5.01	5.95	6.91	7.88	8.85	9.81	10.83	10.83	7 / 4		
reaction time	0.157	interval		1.07	0.98	0.96	0.94	0.96	0.97	0.97	0.96	1.02		# of strides	4.05	2.86	2.90
wind	0.3 m/s	velocity	5.00	9.35	10.20	10.42	10.64	10.42	10.31	10.31	10.42	9.80	9.23	51.0	7.41	10.49	10.34

Heat 16 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.02	3.09	4.07	5.02		6.89	7.83	8.77	9.73	10.73	10.73	3 / 4		
reaction time	0.210	interval		1.07	0.98	0.95		1.87	0.94	0.94	0.96	1.00		# of strides	4.07	2.82	2.84
wind	-0.8 m/s	velocity	4.95	9.35	10.20	10.53		10.70	10.64	10.64	10.42	10.00	9.32	51.0	7.37	10.64	10.56

Heat 6 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.00	3.08	4.06	5.00	5.92	6.86	7.80	8.74	9.71	10.71	10.71	4 / 3		
reaction time	0.230	interval		1.08	0.98	0.94	0.92	0.94	0.94	0.94	0.97	1.00		# of strides	4.06	2.80	2.85
wind	-0.4 m/s	velocity	5.00	9.26	10.20	10.64	10.87	10.64	10.64	10.64	10.31	10.00	9.34	51.2	7.39	10.71	10.53

Heat 10 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.03	3.08	4.07	5.00	5.93	6.89					6.89	5 / 4		
reaction time	0.183	interval		1.05	0.99	0.93	0.93	0.96						# of strides	4.07	2.82
		velocity	4.93	9.52	10.10	10.75	10.75	10.42					8.71	32.5	7.37	10.64

Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.02	3.12	4.10	5.04	5.97	6.91	7.85	8.80	9.76	10.76	10.76	9 / 3		
reaction time	0.189	interval		1.10	0.98	0.94	0.93	0.94	0.94	0.95	0.96	1.00		# of strides	4.10	2.81	2.85
wind	0.6 m/s	velocity	4.95	9.09	10.20	10.64	10.75	10.64	10.64	10.53	10.42	10.00	9.29	51.0	7.32	10.68	10.53

Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.02	3.12	4.11	5.07	6.03	6.96	7.91	8.88	9.84	10.87	10.87	7 / 4		
reaction time		interval		1.10	0.99	0.96	0.96	0.93	0.95	0.97	0.96	1.03		# of strides	4.11	2.85	2.88
wind	-0.8 m/s	velocity	4.95	9.09	10.10	10.42	10.42	10.75	10.53	10.31	10.42	9.71	9.20	51.0	7.30	10.53	10.42

Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	2.02	3.12	4.13	5.10	6.04	6.99	7.94	8.90	9.88	10.88	10.88	7 / 5		
reaction time	0.175	interval		1.10	1.01	0.97	0.94	0.95	0.95	0.96	0.98	1.00		# of strides	4.13	2.86	2.89
wind	-0.1 m/s	velocity	4.95	9.09	9.90	10.31	10.64	10.53	10.53	10.42	10.20	10.00	9.19	51.0	7.26	10.49	10.38

Semi-Final 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.99	3.08	4.09	5.04	5.97	6.91	7.84	8.80	9.76	10.74	10.74	2 / 3		
reaction time	0.174	interval		1.09	1.01	0.95	0.93	0.94	0.93	0.96	0.96	0.98		# of strides	4.09	2.82	2.85
wind	1.7 m/s	velocity	5.03	9.17	9.90	10.53	10.75	10.64	10.75	10.42	10.42	10.20	9.31	51.2	7.33	10.64	10.53

Heat 5 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.94	3.01	3.99	4.94	5.90	6.83	7.79	8.74	9.72	10.81	10.81	8 / 4		
reaction time	0.144	interval		1.07	0.98	0.95	0.96	0.93	0.96	0.95	0.98	1.09		# of strides	3.99	2.84	2.89
wind	-0.4 m/s	velocity	5.15	9.35	10.20	10.53	10.42	10.75	10.42	10.53	10.20	9.17	9.25	51.0	7.52	10.56	10.38

Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.01	3.08	4.08	5.02	5.96	6.92					6.92	5 / 5		
reaction time	0.185	interval		1.07	1.00	0.94	0.94	0.96						# of strides	4.08	2.84	
		velocity	4.98	9.35	10.00	10.64	10.64	10.42					8.67	32.5	7.35	10.56	

Heat 5 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.00	3.07	4.05	5.02	5.97	6.93					6.93	5 / 3		
reaction time	0.156	interval		1.07	0.98	0.97	0.95	0.96						# of strides	4.05	2.88	
		velocity	5.00	9.35	10.20	10.31	10.53	10.42					8.66	33.0	7.41	10.42	

Heat 19 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	1.96	3.02	4.00	4.95	5.89	6.82					6.82	3 / 1		
reaction time	0.175	interval		1.06	0.98	0.95	0.94	0.93					PB	# of strides	4.00	2.82	
		velocity	5.10	9.43	10.20	10.53	10.64	10.75					8.80	32.7	7.50	10.64	

FINAL - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	2.05	3.10	4.10	5.05	6.02	6.95	7.89	8.84	9.83	10.83	10.83	8 / 6		
reaction time		interval		1.05	1.00	0.95	0.97	0.93	0.94	0.95	0.99	1.00		# of strides	4.10	2.85	2.88
wind	-0.8 m/s	velocity	4.88	9.52	10.00	10.53	10.31	10.75	10.64	10.53	10.10	10.00	9.23	51.7	7.32	10.53	10.42

Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	2.07	3.12	4.12	5.06	6.02	6.94	7.87	8.81	9.77	10.77	10.77	7 / 4		
reaction time		interval		1.05	1.00	0.94	0.96	0.92	0.93	0.94	0.96	1.00		# of strides	4.12	2.82	2.83
wind	-0.2 m/s	velocity	4.83	9.52	10.00	10.64	10.42	10.87	10.75	10.64	10.42	10.00	9.29	52.0	7.28	10.64	10.60

Song Yunshuai (CHN) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Heat 8 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	01-Jun-24	time	2.02	3.11	4.10	5.07	6.04	7.00	7.98	8.97	9.98	11.01	11.01	9 / 8		
reaction time	0.202	interval		1.09	0.99	0.97	0.97	0.96	0.98	0.99	1.01	1.03		# of strides	4.10	2.90	2.98
wind	0.3 m/s	velocity	4.95	9.17	10.10	10.31	10.31	10.42	10.20	10.10	9.90	9.71	9.08	51.0	7.32	10.34	10.07

Heat 7 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.02	3.13	4.16	5.14		7.09	8.06	9.04	10.06	11.08	11.08	4 / 8		
reaction time	0.201	interval		1.11	1.03	0.98		1.95	0.97	0.98	1.02	1.02		# of strides	4.16	2.93	2.97
wind	-0.5 m/s	velocity	4.95	9.01	9.71	10.20		10.26	10.31	10.20	9.80	9.80	9.03	51.0	7.21	10.24	10.10

Heat 10 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.03	3.13	4.14	5.11	6.09	7.07	8.07	9.08	10.13	11.19	11.19	4 / 8		
reaction time	0.176	interval		1.10	1.01	0.97	0.98	0.98	1.00	1.01	1.05	1.06		# of strides	4.14	2.93	3.06
wind	0.0 m/s	velocity	4.93	9.09	9.90	10.31	10.20	10.20	10.00	9.90	9.52	9.43	8.94	51.5	7.25	10.24	9.80

Sosui, Mizukubo (JPN) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

FINAL - 2019 National Sports Festival (Hitachinaka, JPN)

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

date	05-Oct-19	time		4.03		5.91					10.55	10.55	6 / 7		
reaction time	0.149	interval				1.88					4.64		# of strides	4.03	
wind	-0.1 m/s	velocity		7.44		3.38					10.78	9.48	47.2	7.44	

Spearmon, Wallace (USA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 29-Jun-08 time	1.99	3.11	4.04	4.98	5.82	6.69	7.55	8.41	9.30	10.18	10.18	8 / 5			
reaction time		1.12	0.93	0.94	0.84	0.87	0.86	0.86	0.89	0.88		# of strides	4.04	2.65	2.61
wind 0.5 m/s velocity	5.03	8.93	10.75	10.64	11.90	11.49	11.63	11.63	11.24	11.36	9.82	45.0	7.43	11.32	11.49
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.93	3.07	4.02	4.93	5.79	6.66	7.51	8.32	9.19	10.07	10.07	5 / 6			
reaction time		1.14	0.95	0.91	0.86	0.87	0.85	0.81	0.87	0.88		# of strides	4.02	2.64	2.53
wind 1.6 m/s velocity	5.18	8.77	10.53	10.99	11.63	11.49	11.76	12.35	11.49	11.36	9.93	44.2	7.46	11.36	11.86
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	2.03	3.08	4.03	4.96	5.82	6.64	7.50	8.39	9.24	10.12	10.12	3 / 2			
reaction time		1.05	0.95	0.93	0.86	0.82	0.86	0.89	0.85	0.88		# of strides	4.03	2.61	2.60
wind 1.4 m/s velocity	4.93	9.52	10.53	10.75	11.63	12.20	11.63	11.24	11.76	11.36	9.88		7.44	11.49	11.54

Spier, Virgil (NED) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.19	4.20	5.16		7.01		8.90		10.79	10.79	/ 9			
reaction time 0.202			1.01	0.96		1.85		1.89		1.89		# of strides	4.20	2.81	
wind 1.5 m/s velocity		6.27	9.90	10.42		10.81		10.58		10.58	9.27		7.14	10.68	

Spiering, Timo (NED) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 FBK Games (Hengelo, NED)												*Omega Timing (2024) - diamond league race analysis*			
date 07-Jul-24 time	1.94	3.07	4.03	4.97	5.89	6.83	7.75	8.67	9.60	10.52	10.52	6 / 2			
reaction time 0.138		1.13	0.96	0.94	0.92	0.94	0.92	0.92	0.93	0.92		# of strides	4.03	2.80	2.77
wind -0.6 m/s velocity	5.15	8.85	10.42	10.64	10.87	10.64	10.87	10.87	10.75	10.87	9.51		7.44	10.71	10.83

Šprna, Dominik (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.21		5.34		7.43		9.58		11.85	11.85	5 / 7			
reaction time 0.147				2.13		2.09		2.15		2.27		# of strides			
wind -4.2 m/s velocity		6.23		9.39		9.57		9.30		8.81	8.44				

Štastny, Lukáš (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.95	3.06	4.04	4.97	5.90	6.82					6.82	7 / 4			
reaction time 0.131		1.11	0.98	0.93	0.93	0.92					PB	# of strides	4.04	2.78	
velocity	5.13	9.01	10.20	10.75	10.75	10.87					8.80		7.43	10.79	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.97	3.08	4.08	4.99	5.92	6.85					6.85	5 / 3			
reaction time 0.146		1.11	1.00	0.91	0.93	0.93						# of strides	4.08	2.77	
velocity	5.08	9.01	10.00	10.99	10.75	10.75					8.76		7.35	10.83	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.99	3.11	4.07	5.02	5.97	6.93					6.93	4 / 1			
reaction time 0.150		1.12	0.96	0.95	0.95	0.96						# of strides	4.07	2.86	
velocity	5.03	8.93	10.42	10.53	10.53	10.42					8.66		7.37	10.49	

Stejskal, Jan (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.32		5.44		7.52		9.66		11.84	11.84	1 / 6			
reaction time 0.194				2.12		2.08		2.14		2.18		# of strides			
wind -2.5 m/s velocity		6.02		9.43		9.62		9.35		9.17	8.45				

Stevens, Kendall (USA) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09 time			3.98		5.86	6.78					6.78	4 / 7			
reaction time 0.159					1.88	0.92						# of strides	3.98	2.80	
velocity			7.54		10.64	10.87					8.85	29.0	7.54	10.71	
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 28-Jun-08 time	1.87	2.93	3.92	4.82	5.70	6.56	7.42	8.27	9.19	10.12	10.12	6 / 5			
reaction time		1.06	0.99	0.90	0.88	0.86	0.86	0.85	0.92	0.93	PB	# of strides	3.92	2.64	2.63
wind 1.6 m/s velocity	5.35	9.43	10.10	11.11	11.36	11.63	11.63	11.76	10.87	10.75	9.88	44.7	7.65	11.36	11.41
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			

date	28-Jun-08	time	1.93	2.98	3.90	4.80	5.67	6.57	7.47	8.34	9.27	10.13	10.13	8 / 3			
reaction time		interval		1.05	0.92	0.90	0.87	0.90	0.90	0.87	0.93	0.86	PB	# of strides	3.90	2.67	2.70
wind	1.7 m/s	velocity	5.18	9.52	10.87	11.11	11.49	11.11	11.11	11.49	10.75	11.63	9.87		7.69	11.24	11.11

Stewart, Brendon (USA) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR) — *Track Newsletter (2021) - NCAA men's indoor championships*

date	13-Mar-21	time			3.97			6.69					6.69	/ 8			
reaction time	0.168	interval						2.72						# of strides	3.97	2.72	
		velocity			7.56			11.03					8.97		7.56	11.03	

Stewart, Raymond (JAM) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1993 IAAF World Championships (Stuttgart, GER) — *Stein (1993) - verbesserung der schnelligkeit*

date	15-Aug-93	time			3.89			6.51		8.34		10.18	10.18	8 / 8			
reaction time	0.166	interval						2.62		1.83		1.84		# of strides	3.89	2.62	
wind	0.3 m/s	velocity			7.71			11.45		10.93		10.87	9.82	45.7	7.71	11.45	

FINAL - 1992 Olympic Games (Barcelona, ESP) — *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		2.95		4.78		6.56		8.36		10.22	10.22	2 / 7			
reaction time	0.134	interval				1.83		1.78		1.80		1.86		# of strides			
wind	0.5 m/s	velocity		6.78		10.93		11.24		11.11		10.75	9.78	46.2			

FINAL - 1991 IAAF World Championships (Tokyo, JPN) — *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.81	2.88	3.79	4.68	5.54	6.41	7.29	8.16	9.06	9.96	9.96	2 / 6			
reaction time	0.114	interval		1.07	0.91	0.89	0.86	0.87	0.88	0.87	0.90	0.90	NR	# of strides	3.79	2.62	2.65
wind	1.2 m/s	velocity	5.52	9.35	10.99	11.24	11.63	11.49	11.36	11.49	11.11	11.11	10.04	46.6	7.92	11.45	11.32

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

date	24-Sep-88	time	1.88	2.95	3.92	4.84	5.71	6.65				12.26	12.26	2 / ~~8~~ 7			
reaction time	0.159	interval		1.07	0.97	0.92	0.87	0.94				5.61		# of strides	3.92	2.73	
wind	1.1 m/s	velocity	5.32	9.35	10.31	10.87	11.49	10.64				7.13	8.16		7.65	10.99	

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) — *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.94	2.98	3.92	4.83	5.73	6.61	7.59	8.38	9.27	10.18	10.18	2 / 3			
reaction time		interval		1.04	0.94	0.91	0.90	0.88	0.98	0.79	0.89	0.91		# of strides	3.92	2.69	2.66
wind	0.6 m/s	velocity	5.15	9.62	10.64	10.99	11.11	11.36	10.25	12.59	11.24	10.99	9.82		7.65	11.15	11.28

FINAL - 1987 IAAF World Championships (Rome, ITA) — *Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.99	3.04	3.98	4.89	5.76	6.62	7.49	8.35	9.22	10.08	10.08	3 / ~~3~~ 2			
reaction time	0.235	interval		1.05	0.94	0.91	0.87	0.86	0.87	0.86	0.87	0.86	PB	# of strides	3.98	2.64	2.60
wind	1.0 m/s	velocity	5.03	9.52	10.64	10.99	11.49	11.63	11.49	11.63	11.49	11.63	9.92	45.0	7.54	11.36	11.54

Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) — *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	30-Aug-87	time	1.94	3.00	3.96	4.86	5.74	6.60	7.47	8.35	9.23	10.12	10.12	3 / 2			
reaction time		interval		1.06	0.96	0.90	0.88	0.86	0.87	0.88	0.88	0.89	PB	# of strides	3.96	2.64	2.63
wind	-1.3 m/s	velocity	5.15	9.43	10.42	11.11	11.36	11.63	11.49	11.36	11.36	11.24	9.88	44.8	7.58	11.36	11.41

Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA) — *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	1.92	2.97	3.92	4.83	5.72	6.59	7.46	8.33	9.21	10.14	10.14	5 / 1			
reaction time		interval		1.05	0.95	0.91	0.89	0.87	0.87	0.87	0.88	0.93	PB	# of strides	3.92	2.67	2.62
wind	-0.4 m/s	velocity	5.21	9.52	10.53	10.99	11.24	11.49	11.49	11.49	11.36	10.75	9.86	45.5	7.65	11.24	11.45

Heat 1 - 1987 IAAF World Championships (Rome, ITA) — *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	1.99	3.05	4.00	4.92	5.79	6.65	7.52	8.39	9.28	10.23	10.23	1 / 1			
reaction time		interval		1.06	0.95	0.92	0.87	0.86	0.87	0.87	0.89	0.95		# of strides	4.00	2.65	2.63
wind	1.8 m/s	velocity	5.03	9.43	10.53	10.87	11.49	11.63	11.49	11.49	11.24	10.53	9.78	44.0	7.50	11.32	11.41

Stinski, Timo (GER) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2010 German National Junior Championships (Ulm, GER) — *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.10	4.10	5.04		6.91		8.81		10.76	10.76	/ 3			
reaction time		interval			1.00	0.94		1.87		1.90		1.95		# of strides	4.10	2.81	
wind	0.5 m/s	velocity		6.45	10.00	10.64		10.70		10.53		10.26	9.29		7.32	10.68	

Stromšík, Zdenek (CZE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time	1.96	2.98	3.95	4.86	5.75	6.63	7.53	8.44	9.38	10.32	10.32	4 / 1			
reaction time	0.139	interval		1.02	0.97	0.91	0.89	0.88	0.90	0.91	0.94	0.94	NJR	# of strides	3.95	2.68	2.75
wind	0.8 m/s	velocity	5.10	9.80	10.31	10.99	11.24	11.36	11.11	10.99	10.64	10.64	9.69		7.59	11.19	10.91

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

date	15-Jun-13	time		2.99		4.87		6.68		8.50		10.36	10.36	4 / 1			
reaction time	0.152	interval				1.88		1.81		1.82		1.86	NJR	# of strides			
wind	1.4 m/s	velocity		6.69		10.64		11.05		10.99		10.75	9.65				

Storhaug, Lars Jøran (NOR) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
date 26-Jul-15	time					7.01				10.83	10.83	5 / 3			
reaction time	interval									3.82		# of strides			
wind 0.6 m/s	velocity					8.56				10.47	9.23				
D FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time		4.16			6.97		8.80		10.73	10.73	8 / 2			
reaction time	interval					2.81		1.83		1.93		# of strides	4.16	2.81	
wind 3.1 m/s	velocity		7.21			10.68		10.93		10.36	9.32		7.21	10.68	
D FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time		4.19			7.06		8.96		10.95	10.95	6 / 5			
reaction time	interval					2.87		1.90		1.99		# of strides	4.19	2.87	
wind 1.7 m/s	velocity		7.16			10.45		10.53		10.05	9.13		7.16	10.45	
D FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.21			7.12		9.06		11.08	11.08	/ 5			
reaction time	interval					2.91		1.94		2.02		# of strides	4.21	2.91	
wind 2.5 m/s	velocity		7.13			10.31		10.31		9.90	9.03		7.13	10.31	
D FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		4.15			7.05		8.95		10.93	10.93	8 / 4			
reaction time	interval					2.90		1.90		1.98		# of strides	4.15	2.90	
wind 1.6 m/s	velocity		7.23			10.34		10.53		10.10	9.15		7.23	10.34	

Storsve, Ingar (NOR) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time		4.52			7.82		10.07		12.49	12.49	/ 6			
reaction time	interval					3.30		2.25		2.42		# of strides	4.52	3.30	
wind 0.9 m/s	velocity		6.64			9.09		8.89		8.26	8.01		6.64	9.09	

Streete-Thompson, Kareem (CAY) (197

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1999 IAAF World Championships (Sevilla, ESP)												*Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*			
date 22-Aug-99	time	1.80	2.82	3.76	4.66	5.56	6.44	7.32	8.21	9.14	10.07	10.24	2 / 8			
reaction time 0.173	interval		1.02	0.94	0.90	0.90	0.88	0.88	0.89	0.93	0.93		# of strides	3.76	2.68	2.70
wind 0.2 m/s	velocity	5.56	9.80	10.64	11.11	11.11	11.36	11.36	11.24	10.75	10.75	9.77		7.98	11.19	11.11

Strenius, Patrik (SWE) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 20-Jul-94	time		4.08			6.90		8.78		10.74	10.74	**/ 7**			
reaction time	interval					2.82		1.88		1.96		# of strides	4.08	2.82	
wind **1.8 m/s**	velocity		7.35			10.64		10.64		10.20	9.31		7.35	10.64	

Sturdivant, Andre (USA) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time		3.96			6.71		8.52		10.41	10.41	/ 4			
reaction time	interval					2.75		1.81		1.89		# of strides	3.96	2.75	
wind 1.0 m/s	velocity		7.58			10.91		11.05		10.58	9.61		7.58	10.91	

Su Bingtian (CHN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-Feb-24	time	2.91	3.95	4.86	5.75	6.66					6.66	4 / 2			
reaction time	interval		1.04	0.91	0.89	0.91						# of strides	3.95	2.71	
	velocity	6.87	9.62	10.99	11.24	10.99					9.01	32.0	7.59	11.07	
FINAL - 2020 Olympic Games (Tokyo, JPN)												*Vazel (2021) - analyzing the olympic 100-meter sprints*			
date 01-Aug-21	time		3.87			6.48		8.20		9.98	9.98	6 / 6			
reaction time 0.167	interval					2.61		3.50		1.78		# of strides	3.87	2.61	
wind 0.1 m/s	velocity		7.75			11.49		5.71		11.24	10.02	46.7	7.75	11.49	
Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN)												*Vazel (2021) - analyzing the olympic 100-meter sprints*			
date 01-Aug-21	time		3.73			6.29		8.03		9.83	9.83	4 / 1			
reaction time 0.142	interval					2.56		3.54		1.80	**AR**	# of strides	3.73	2.56	
wind 0.9 m/s	velocity		8.04			11.72		5.65		11.11	10.17	48.0	8.04	11.72	
Heat 4 - 2019 IAAF World Championships (Doha, QAT)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 27-Sep-19	time	1.86	2.92	3.88	4.79	5.68	6.57	7.46	8.36	9.28	10.21	10.21	8 / 5		
reaction time 0.129	interval		1.06	0.96	0.91	0.89	0.89	0.89	0.90	0.92	0.93		# of strides	3.88	2.69	2.71
wind -0.3 m/s	velocity	5.38	9.43	10.42	10.99	11.24	11.24	11.24	11.11	10.87	10.75	9.79	48.0	7.73	11.15	11.07

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.1		4.9		6.7		8.5		10.36	10.36	8 / 5		
reaction time	0.143	interval				1.8		1.8		1.8		1.86		# of strides		
wind	-0.3 m/s	velocity		6.45		11.11		11.11		11.11		10.75	9.65			

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN) *Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.86	2.89	3.85	4.76	5.65	6.53	7.42	8.33	9.24	10.19	10.19	4 / 2		
reaction time		interval		1.03	0.96	0.91	0.89	0.88	0.89	0.91	0.91	0.95		# of strides	3.85	2.68	2.71
wind	0.1 m/s	velocity	5.38	9.71	10.42	10.99	11.24	11.36	11.24	10.99	10.99	10.53	9.81	48.0	7.79	11.19	11.07

FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.80	2.83	3.76	4.65	5.52	6.38	7.25	8.13	9.01	9.92	9.92	6 / 1		
reaction time	0.143	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.88	0.88	0.91	CR	# of strides	3.76	2.62	2.63
wind	0.8 m/s	velocity	5.56	9.71	10.75	11.24	11.49	11.63	11.49	11.36	11.36	10.99	10.08	48.3	7.98	11.45	11.41

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.83	2.89	3.80	4.71	5.61	6.49	7.36	8.25	9.14	10.10	10.10	7 / 2		
reaction time	0.13	interval		1.06	0.91	0.91	0.90	0.88	0.87	0.89	0.89	0.96		# of strides	3.80	2.69	2.65
wind	0.3 m/s	velocity	5.46	9.43	10.99	10.99	11.11	11.36	11.49	11.24	11.24	10.42	9.90	48.2	7.89	11.15	11.32

Heat 4 - 2017 IAAF World Championships (London, GBR) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	05-Aug-17	time	1.88	2.93	3.87	4.76	5.64	6.50	7.37	8.24	9.13	10.03	10.03	4 / 1		
reaction time	0.166	interval		1.05	0.94	0.89	0.88	0.86	0.87	0.87	0.89	0.90		# of strides	3.87	2.63	2.63
wind	-0.2 m/s	velocity	5.32	9.52	10.64	11.24	11.36	11.63	11.49	11.49	11.24	11.11	9.97	48.0	7.75	11.41	11.41

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	10-May-15	time	1.89	2.92	3.85	4.74	5.62	6.50	7.39	8.29	9.19	10.10	10.10	5 / 3		
reaction time		interval		1.03	0.93	0.89	0.88	0.88	0.89	0.90	0.90	0.91		# of strides	3.85	2.65	2.69
wind	-0.1 m/s	velocity	5.29	9.71	10.75	11.24	11.36	11.36	11.24	11.11	11.11	10.99	9.90	48.7	7.79	11.32	11.15

Su Jianqing (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN) *Shandong Athletics Sport Science (2023)*

date	26-May-23	time	1.97	3.03	4.02	4.96	5.92	6.81	7.74	8.68	9.63	10.60	10.60	3 / 2		
reaction time	0.153	interval		1.06	0.99	0.94	0.96	0.89	0.93	0.94	0.95	0.97		# of strides	4.02	2.79	2.82
wind	-1.2 m/s	velocity	5.08	9.43	10.10	10.64	10.42	11.24	10.75	10.64	10.53	10.31	9.43	49.2	7.46	10.75	10.64

Suárez, Leonel (CUB) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		3.10		5.10		7.07		9.06		11.13	11.13	8 / 8		
reaction time	0.154	interval				2.00		1.97		1.99		2.07		# of strides		
wind	0.0 m/s	velocity		6.45		10.00		10.15		10.05		9.66	8.98			

Suda, Hayato (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Japanese National Sports Festival (Matsuyama, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	07-Oct-17	time	1.86	2.93	3.89	4.81	5.71	6.60	7.50	8.41	9.34	10.30	10.30	/ 2		
reaction time	0.118	interval		1.07	0.96	0.92	0.90	0.89	0.90	0.91	0.93	0.96		# of strides	3.89	2.71	2.74
wind	0.0 m/s	velocity	5.38	9.35	10.42	10.87	11.11	11.24	11.11	10.99	10.75	10.42	9.71	47.8	7.71	11.07	10.95

FINAL - 2012 Japanese National High School Championships (Niigata, JPN) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time					5.85	6.76	7.69	8.66	9.65	10.68	10.68	8 / 9		
reaction time		interval						0.91	0.93	0.97	0.99	1.03		# of strides			2.89
wind	0.0 m/s	velocity					8.55	10.99	10.75	10.31	10.10	9.71	9.36				10.38

Sudo, Hiroyuki (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time			4.00			6.92			9.77	10.77	10.77	4 / 1		
reaction time		interval						2.92			2.85	1.00		# of strides	4.00	2.92	2.85
wind	-1.8 m/s	velocity			7.50			10.27			10.53	10.00	9.29	49.7	7.50	10.27	10.53

Sudo, Narumi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time			4.17			7.13			10.10	11.14	11.14	9 / 5		
reaction time		interval						2.96			2.97	1.04		# of strides	4.17	2.96	2.97
wind	0.5 m/s	velocity			7.19			10.14			10.10	9.62	8.98	51.7	7.19	10.14	10.10

Sudo, Takumi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2007 Japanese National High School Championships (Saga, JPN) *Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection*

date	03-Aug-07	time		3.08	4.11	5.08	6.05	7.03	8.01	9.01	10.02	11.08	11.08	1 / 8		
reaction time		interval			1.03	0.97	0.97	0.98	0.98	1.00	1.01	1.06		# of strides	4.11	2.92	2.99
wind	0.7 m/s	velocity		6.49	9.71	10.31	10.31	10.20	10.20	10.00	9.90	9.43	9.03		7.30	10.27	10.03

Suetsugu, Shingo (JPN) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.98	3.05	4.03	4.96	5.88	6.78	7.69	8.61	9.54	10.49	10.49	7 / 4		
reaction time		interval		1.07	0.98	0.93	0.92	0.90	0.91	0.92	0.93	0.95		# of strides	4.03	2.75	2.76
wind	2.3 m/s	velocity	5.05	9.35	10.20	10.75	10.87	11.11	10.99	10.87	10.75	10.53	9.53	47.2	7.44	10.91	10.87

FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	23-Sep-08	time	1.98	3.04	4.00	4.93	5.83	6.73	7.63	8.55	9.47	10.43	10.43	/ 5		
reaction time		interval		1.06	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.96		# of strides	4.00	2.73	2.74
wind	-0.4 m/s	velocity	5.05	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.42	9.59		7.50	10.99	10.95

A FINAL - 2008 Osaka Grand Prix (Osaka, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.95	3.03	4.00	4.93	5.84	6.75	7.67	8.60	9.56	10.55	10.55	/ 2		
reaction time		interval		1.08	0.97	0.93	0.91	0.91	0.92	0.93	0.96	0.99		# of strides	4.00	2.75	2.81
wind	0.8 m/s	velocity	5.13	9.26	10.31	10.75	10.99	10.99	10.87	10.75	10.42	10.10	9.48		7.50	10.91	10.68

FINAL - 2007 Osaka Grand Prix (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	05-May-07	time	1.94	2.98	3.93	4.84	5.73	6.61	7.50	8.39	9.30	10.23	10.23	/ 1		
reaction time		interval		1.04	0.95	0.91	0.89	0.88	0.89	0.89	0.91	0.93		# of strides	3.93	2.68	2.69
wind	0.4 m/s	velocity	5.15	9.62	10.53	10.99	11.24	11.36	11.24	11.24	10.99	10.75	9.78		7.63	11.19	11.15

FINAL - 2006 Seiko Super Grand Prix (Yokohama, JPN) *Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	24-Sep-06	time	1.97	3.00	3.93	4.82	5.69	6.56	7.44	8.32	9.21	10.12	10.12	/ 1		
reaction time		interval		1.03	0.93	0.89	0.87	0.87	0.88	0.88	0.89	0.91		# of strides	3.93	2.63	2.65
wind	2.2 m/s	velocity	5.08	9.71	10.75	11.24	11.49	11.49	11.36	11.36	11.24	10.99	9.88		7.63	11.41	11.32

FINAL - 2006 Osaka Grand Prix (Osaka, JPN) *Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	06-May-06	time	1.97	3.02	3.96	4.87	5.76	6.64	7.53	8.42	9.34	10.26	10.26	/ ~~3~~ 2		
reaction time		interval		1.05	0.94	0.91	0.89	0.88	0.89	0.89	0.92	0.92		# of strides	3.96	2.68	2.70
wind	-0.1 m/s	velocity	5.08	9.52	10.64	10.99	11.24	11.36	11.24	11.24	10.87	10.87	9.75		7.58	11.19	11.11

Sugawara, Shin (JPN) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2008 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Apr-08	time	1.96	3.05	4.03	4.97	5.90	6.83	7.75	8.69	9.63	10.63	10.63	/ 7		
reaction time		interval		1.09	0.98	0.94	0.93	0.93	0.92	0.94	0.94	1.00		# of strides	4.03	2.80	2.80
wind	2.0 m/s	velocity	5.10	9.17	10.20	10.64	10.75	10.75	10.87	10.64	10.64	10.00	9.41		7.44	10.71	10.71

Sugimoto, Yuya (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.11		6.06					11.11	11.11	2 / 4		
reaction time	0.175	interval					1.95					5.05		# of strides	4.11		
wind	-1.1 m/s	velocity			7.30		3.30					9.90	9.00		7.30		

Šulc, Rostislav (CZE) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	15-Jun-13	time	2.06	3.16	4.16	5.12	6.06	6.98	7.90	8.83	9.78	10.76	10.76	8 / 5		
reaction time	0.174	interval		1.10	1.00	0.96	0.94	0.92	0.92	0.93	0.95	0.98		# of strides	4.16	2.82	2.80
wind	0.8 m/s	velocity	4.85	9.09	10.00	10.42	10.64	10.87	10.87	10.75	10.53	10.20	9.29		7.21	10.64	10.71

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

date	15-Jun-13	time		3.11		5.08		6.97		8.89		10.91	10.91	5 / 2		
reaction time	0.152	interval				1.97		1.89		1.92		2.02		# of strides			
wind	-3.2 m/s	velocity		6.43		10.15		10.58		10.42		9.90	9.17				

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.97	3.09	4.10	5.06	6.00	6.96					6.96	1 / 8		
reaction time	0.152	interval		1.12	1.01	0.96	0.94	0.96						# of strides	4.10	2.86	
		velocity	5.08	8.93	9.90	10.42	10.64	10.42					8.62		7.32	10.49	

Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.97	3.11	4.10	5.06	6.01	6.97					6.97	2 / 4		
reaction time	0.153	interval		1.14	0.99	0.96	0.95	0.96						# of strides	4.10	2.87	
		velocity	5.08	8.77	10.10	10.42	10.53	10.42					8.61		7.32	10.45	

Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.98	3.10	4.11	5.07	6.05	7.02					7.02	6 / 3		
reaction time	0.161	interval		1.12	1.01	0.96	0.98	0.97						# of strides	4.11	2.91	
		velocity	5.05	8.93	9.90	10.42	10.20	10.31					8.55		7.30	10.31	

C FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time		3.11	4.11	5.05		6.91		8.81		10.68	10.68	/ 5		
reaction time	0.167	interval			1.00	0.94		1.86		1.90		1.87		# of strides	4.11	2.80	
wind	1.5 m/s	velocity		6.43	10.00	10.64		10.75		10.53		10.70	9.36		7.30	10.71	

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

Šulc, Vojtech (CZE) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.97	3.07	4.06	5.00	5.92	6.85					6.85	6 / 5			
reaction time 0.153 interval		1.10	0.99	0.94	0.92	0.93					PB	# of strides	4.06	2.79	
velocity	5.08	9.09	10.10	10.64	10.87	10.75					8.76		7.39	10.75	
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.97	3.09	4.07	5.00	5.92	6.86					6.86	5 / 2			
reaction time 0.149 interval		1.12	0.98	0.93	0.92	0.94						# of strides	4.07	2.79	
velocity	5.08	8.93	10.20	10.75	10.87	10.64					8.75		7.37	10.75	
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.98	3.10	4.08	5.00	5.93	6.89					6.89	5 / 2			
reaction time 0.149 interval		1.12	0.98	0.92	0.93	0.96						# of strides	4.08	2.81	
velocity	5.05	8.93	10.20	10.87	10.75	10.42					8.71		7.35	10.68	

Sulusi-Sjö, Brian (SWE) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.15			7.00		8.92		10.91	10.91	/ 1			
reaction time interval						2.85		1.92		1.99	PB	# of strides	4.15	2.85	
wind 1.1 m/s velocity			7.23			10.53		10.42		10.05	9.17		7.23	10.53	

Sun Qingchi (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23 time	2.02	3.15	4.17	5.10	6.04	6.96	7.84	8.77	9.71	10.65	10.65	4 / 2			
reaction time 0.154 interval		1.13	1.02	0.93	0.94	0.92	0.88	0.93	0.94	0.94		# of strides	4.17	2.79	2.75
wind 1.7 m/s velocity	4.95	8.85	9.80	10.75	10.64	10.87	11.36	10.75	10.64	10.64	9.39	47.0	7.19	10.75	10.91
Heat 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23 time	1.96	3.06	4.07	5.01	5.94	6.85	7.77	8.69	9.59	10.54	10.54	5 / 1			
reaction time 0.139 interval		1.10	1.01	0.94	0.93	0.91	0.92	0.92	0.90	0.95		# of strides	4.07	2.78	2.74
wind -0.4 m/s velocity	5.10	9.09	9.90	10.64	10.75	10.99	10.87	10.87	11.11	10.53	9.49	47.0	7.37	10.79	10.95

Sundqvist, Johan (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
G FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.47			7.62		9.76		11.95	11.95	2 / 4			
reaction time interval						3.15		2.14		2.19		# of strides	4.47	3.15	
wind 1.6 m/s velocity			6.71			9.52		9.35		9.13	8.37		6.71	9.52	

Sundvall, Hjalmar (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.18			7.12				11.11	11.11	5 / 1			
reaction time interval						2.94				3.99	PB	# of strides	4.18	2.94	
wind 1.5 m/s velocity			7.18			10.20				10.03	9.00		7.18	10.20	

Sunneborn, Mattias (SWE) (1970)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.23			7.15		9.08		11.13	11.13	/ 6			
reaction time interval						2.92		1.93		2.05		# of strides	4.23	2.92	
wind 1.1 m/s velocity			7.09			10.27		10.36		9.76	8.98		7.09	10.27	

Suo Gaofei (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	2.00	3.06	3.98	4.90	5.78	6.66	7.53	8.44	9.34	10.28	10.28	4 / 4			
reaction time 0.173 interval		1.06	0.92	0.92	0.88	0.88	0.87	0.91	0.90	0.94		# of strides	3.98	2.68	2.68
wind 0.6 m/s velocity	5.00	9.43	10.87	10.87	11.36	11.36	11.49	10.99	11.11	10.64	9.73	46.7	7.54	11.19	11.19
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	1.99	3.04	4.00	4.92	5.81	6.68	7.55	8.44	9.34	10.24	10.24	6 / 2			
reaction time 0.164 interval		1.05	0.96	0.92	0.89	0.87	0.87	0.89	0.90	0.90		# of strides	4.00	2.68	2.66
wind 0.7 m/s velocity	5.03	9.52	10.42	10.87	11.24	11.49	11.49	11.24	11.11	11.11	9.77	46.0	7.50	11.19	11.28
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	2.01	3.06	4.02	4.91	5.80	6.70	7.56	8.45	9.38	10.31	10.31	6 / 3			
reaction time 0.193 interval		1.05	0.96	0.89	0.89	0.90	0.86	0.89	0.93	0.93		# of strides	4.02	2.68	2.68
wind 1.1 m/s velocity	4.98	9.52	10.42	11.24	11.24	11.11	11.63	11.24	10.75	10.75	9.70	46.2	7.46	11.19	11.19
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-Jun-24 time	1.96	2.99	3.95	4.84	5.72	6.61	7.48	8.36	9.26	10.19	10.19	7 / 1			
reaction time 0.151 interval		1.03	0.96	0.89	0.88	0.89	0.87	0.88	0.90	0.93		# of strides	3.95	2.66	2.65
wind -0.6 m/s velocity	5.10	9.71	10.42	11.24	11.36	11.24	11.49	11.36	11.11	10.75	9.81	46.5	7.59	11.28	11.32

A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		2.98	4.02	4.94	5.83	6.71				6.71	6 / 4			
reaction time		interval			1.04	0.92	0.89	0.88				PB	# of strides	4.02	2.69	
		velocity		6.71	9.62	10.87	11.24	11.36				8.94	29.0	7.46	11.15	

FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.02	3.05	3.98	4.88	5.77	6.64	7.52	8.42	9.32	10.27	10.27	9 / 5		
reaction time	0.170	interval		1.03	0.93	0.90	0.89	0.87	0.88	0.90	0.90	0.95	PB	# of strides	3.98	2.66	2.68
wind	0.7 m/s	velocity	4.95	9.71	10.75	11.11	11.24	11.49	11.36	11.11	11.11	10.53	9.74	46.0	7.54	11.28	11.19

Heat 3 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.02	3.07	4.02	4.91	5.81	6.69	7.57	8.47	9.39	10.35	10.35	2 / 3		
reaction time	0.172	interval		1.05	0.95	0.89	0.90	0.88	0.88	0.90	0.92	0.96		# of strides	4.02	2.67	2.70
wind	-0.8 m/s	velocity	4.95	9.52	10.53	11.24	11.11	11.36	11.36	11.11	10.87	10.42	9.66	46.0	7.46	11.24	11.11

FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.02	3.08	4.04	4.94	5.84	6.72	7.62	8.52	9.44	10.39	10.39	8 / 3		
reaction time	0.170	interval		1.06	0.96	0.90	0.90	0.88	0.90	0.90	0.92	0.95		# of strides	4.04	2.68	2.72
wind	-0.4 m/s	velocity	4.95	9.43	10.42	11.11	11.11	11.36	11.11	11.11	10.87	10.53	9.62	46.2	7.43	11.19	11.03

Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.09	3.16	4.10	5.01	5.90	6.78	7.67	8.57	9.47	10.41	10.41	6 / 2		
reaction time	0.201	interval		1.07	0.94	0.91	0.89	0.88	0.89	0.90	0.90	0.94		# of strides	4.10	2.68	2.69
wind	0.3 m/s	velocity	4.78	9.35	10.64	10.99	11.24	11.36	11.24	11.11	11.11	10.64	9.61	46.0	7.32	11.19	11.15

Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.00	3.08	4.05	4.97	5.88	6.77	7.68	8.59	9.51	10.52	10.52	7 / 1		
reaction time	0.247	interval		1.08	0.97	0.92	0.91	0.89	0.91	0.91	0.92	1.01		# of strides	4.05	2.72	2.74
wind	0.5 m/s	velocity	5.00	9.26	10.31	10.87	10.99	11.24	10.99	10.99	10.87	9.90	9.51	46.0	7.41	11.03	10.95

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.04	3.10		4.96	5.87	6.74	7.65	8.54	9.50	10.44	10.44	1 / 6		
reaction time	0.238	interval		1.06		1.86	0.91	0.87	0.91	0.89	0.96	0.94		# of strides			2.76
wind	0.1 m/s	velocity	4.90	9.43		10.75	10.99	11.49	10.99	11.24	10.42	10.64	9.58	46.2			10.87

Heat 12 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.09	3.15	4.13	5.03	5.91	6.81	7.72	8.63	9.57	10.54	10.54	5 / 1		
reaction time		interval		1.06	0.98	0.90	0.88	0.90	0.91	0.91	0.94	0.97		# of strides	4.13	2.68	2.76
wind	-0.9 m/s	velocity	4.78	9.43	10.20	11.11	11.36	11.11	10.99	10.99	10.64	10.31	9.49	46.5	7.26	11.19	10.87

FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.10	3.16	4.12	5.02	5.92	6.80	7.68	8.55	9.48	10.41	10.41	6 / 1		
reaction time	0.132	interval		1.06	0.96	0.90	0.90	0.88	0.88	0.87	0.93	0.93		# of strides	4.12	2.68	2.68
wind	0.8 m/s	velocity	4.76	9.43	10.42	11.11	11.11	11.36	11.36	11.49	10.75	10.75	9.61	46.5	7.28	11.19	11.19

Semi-Final 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.05	3.13	4.09	4.99	5.89	6.79	7.70	8.60	9.52	10.49	10.49	6 / 1		
reaction time	0.184	interval		1.08	0.96	0.90	0.90	0.90	0.91	0.90	0.92	0.97		# of strides	4.09	2.70	2.73
wind	1.7 m/s	velocity	4.88	9.26	10.42	11.11	11.11	11.11	10.99	11.11	10.87	10.31	9.53	46.2	7.33	11.11	10.99

Heat 6 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.03	3.11	4.10	5.02	5.95	6.89	7.80	8.72	9.67	10.64	10.64	7 / 1		
reaction time	0.176	interval		1.08	0.99	0.92	0.93	0.94	0.91	0.92	0.95	0.97		# of strides	4.10	2.79	2.78
wind	-1.2 m/s	velocity	4.93	9.26	10.10	10.87	10.75	10.64	10.99	10.87	10.53	10.31	9.40	46.5	7.32	10.75	10.79

Surin, Bruny (CAN) (1967)

			10m	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 1999 IAAF World Championships (Sevilla, ESP)														*Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*			
date	22-Aug-99	time	1.75	2.75	3.66	4.55	5.40	6.25	7.11	7.97	8.83	9.71	9.84	6 / 2			
reaction time	0.127	interval		1.00	0.91	0.89	0.85	0.85	0.86	0.86	0.86	0.88	=NR	# of strides	3.66	2.59	2.58
wind	0.2 m/s	velocity	5.71	10.00	10.99	11.24	11.76	11.76	11.63	11.63	11.63	11.36	10.16	44.3	8.20	11.58	11.63

FINAL - 1999 Live (Nurnberg, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	13-Jun-99	time		2.90	3.83	4.71		6.43		8.15		9.92	9.92	/ 1		
reaction time	0.123	interval			0.93	0.88		1.72		1.72		1.77		# of strides	3.83	2.60	
wind	1.1 m/s	velocity		6.90	10.75	11.36		11.63		11.63		11.30	10.08		7.83	11.54	

FINAL - 1993 IAAF World Championships (Stuttgart, GER) *Stein (1993) - verbesserung der schnelligkeit*

date	15-Aug-93	time			3.86			6.49		8.24		10.02	10.02	2 / 5		
reaction time	0.128	interval						2.63		1.75		1.78		# of strides	3.86	2.63	
wind	0.3 m/s	velocity			7.77			11.41		11.43		11.24	9.98	44.5	7.77	11.41	

FINAL - 1992 Olympic Games (Barcelona, ESP) *Arnold (1992) - 1992 Olympic report: 100m men*

date	1-Aug-92	time		2.89		4.72		6.50		8.28		10.07	10.09	1 / 4			
reaction time	0.124	interval				1.83		1.78		1.78		1.79		# of strides			
wind	0.5 m/s	velocity		6.92		10.93		11.24		11.24		11.17	9.91	44.2			

FINAL - 1991 IAAF World Championships (Tokyo, JPN) *Ae (1992) - the men's 100m (1991 WC)*

date	25-Aug-91	time	1.88	2.95	3.87	4.77	5.66	6.56	7.44	8.31	9.22	10.14	10.14	1 / 8			
reaction time	0.148	interval		1.07	0.92	0.90	0.89	0.90	0.88	0.87	0.91	0.92		# of strides	3.87	2.69	2.66
wind	1.2 m/s	velocity	5.32	9.35	10.87	11.11	11.24	11.11	11.36	11.49	10.99	10.87	9.86	44	7.75	11.15	11.28

Susso, Abdoulie (GAM)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT)												*Omega Timing (2025) - diamond league race analysis*			
date 16-May-25 time	1.96	3.08	4.09	5.05	5.99	6.92	7.85	8.80	9.76	10.80	10.80	5 / 7			
reaction time 0.195 interval		1.12	1.01	0.96	0.94	0.93	0.93	0.95	0.96	1.04	**PB**	# of strides	4.09	2.83	2.84
wind 1.1 m/s velocity	5.10	8.93	9.90	10.42	10.64	10.75	10.75	10.53	10.42	9.62	9.26		7.33	10.60	10.56

Sussoho, Amadou (SWE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17 time			4.24		6.21	7.18		9.10		11.12	11.12	5 / 2			
reaction time interval					1.97	0.97		1.92		2.02		# of strides	4.24	2.94	
wind 1.5 m/s velocity			7.08		10.15	10.31		10.42		9.90	8.99		7.08	10.20	

Suwa, Tatsuro (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date 04-Aug-11 time					5.92	6.87	7.80	8.77	9.75	10.75	10.75	2 / 7			
reaction time interval						0.95	0.93	0.97	0.98	1.00		# of strides			2.88
wind -0.5 m/s velocity					8.45	10.53	10.75	10.31	10.20	10.00	9.30				10.42

Suwannarangsri, Sompote (THA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 10-May-08 time	1.97	3.04	4.01	4.94	5.87	6.78	7.71	8.67	9.64	10.68	10.68	/ 7			
reaction time interval		1.07	0.97	0.93	0.93	0.91	0.93	0.96	0.97	1.04		# of strides	4.01	2.77	2.86
wind -1.4 m/s velocity	5.08	9.35	10.31	10.75	10.75	10.99	10.75	10.42	10.31	9.62	9.36		7.48	10.83	10.49

Suzuki, Ryota (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese National Championships (Niigata, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 02-Oct-20 time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.41	3 / 6			
reaction time 0.132 interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.75	2.77
wind -0.2 m/s velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.61	50.2	7.63	10.91	10.83

Heat 5 - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	01-Oct-20	time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.40	6 / 2			
reaction time	0.135	interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.75	2.77
wind	-0.2 m/s	velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.62	52.2	7.63	10.91	10.83

FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-17	time			4.10			6.98			9.87	10.87	10.87	2 / 7			
reaction time	0.134	interval						2.88			2.89	1.00		# of strides	4.10	2.88	2.89
wind	-2.0 m/s	velocity			7.32			10.42			10.38	10.00	9.20		7.32	10.42	10.38

Svensson, Charles (SWE) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.42			7.58		9.67		11.84	11.84	/ 3			
reaction time interval						3.16		2.09		2.17		# of strides	4.42	3.16	
wind 0.2 m/s velocity			6.79			9.49		9.57		9.22	8.45		6.79	9.49	

Svensson, Felix (SUI) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - 2023 Athletissima (Lausanne, SUI)												*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23 time	1.98	3.07	4.06	5.00	5.93	6.85	7.77	8.70	9.64	10.60	10.60	7 / 2			
reaction time 0.144 interval		1.09	0.99	0.94	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.06	2.79	2.79
wind -0.8 m/s velocity	5.05	9.17	10.10	10.64	10.75	10.87	10.87	10.75	10.64	10.42	9.43		7.39	10.75	10.75

Sverd, Vegard Dragsund (NOR) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)												*Omega Timing (2021) - diamond league race analysis*			
date 01-Jul-21 time		3.2		5.2		7.2		9.2		11.21	11.21	1 / 8			
reaction time 0.151 interval				2.00		2.00		2.00		2.01		# of strides			
wind 0.2 m/s velocity		6.25		10.00		10.00		10.00		9.95	8.92				

Svoboda, Vojtech (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time	1.97	3.08	4.13	5.11	6.08	7.05	8.03	9.03	10.02	11.07	11.07	4 / 3			
reaction time 0.119 interval		1.11	1.05	0.98	0.97	0.97	0.98	1.00	0.99	1.05		# of strides	4.13	2.92	2.97

wind	-3.4 m/s	velocity	5.08	9.01	9.52	10.20	10.31	10.31	10.20	10.00	10.10	9.52	9.03		7.26	10.27	10.10

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	3.23	5.24	7.19	9.15	11.12	11.12	4 / 1			
reaction time	0.183	interval		2.01	1.95	1.96	1.97		# of strides			
wind	-1.7 m/s	velocity	6.19	9.95	10.26	10.20	10.15	8.99				

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

date	15-Jun-13	time	3.15	5.19	7.14	9.15	11.23	11.23	2 / 6			
reaction time	0.139	interval		2.04	1.95	2.01	2.08		# of strides			
wind	-3.2 m/s	velocity	6.35	9.80	10.26	9.95	9.62	8.90				

Sysoyev, Aleksey (RUS) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time	3.17	5.15	7.06	8.93	10.85	10.85	4 / 1						
reaction time	0.144	interval		1.98	1.91	1.87	1.92		# of strides						
wind	0.3 m/s	velocity	6.31	10.10	10.47	10.70	10.42	9.22							

Tachibana, Kouei (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												*Kishima (2022) - national high school championships biomechanics data collection*			
date	04-Aug-22	time	1.89	2.98	3.96	4.90	5.83	6.75	7.68	8.61	9.57	10.54	10.54	4 / 2			
reaction time	0.139	interval		1.09	0.98	0.94	0.93	0.92	0.93	0.93	0.96	0.97	**=PB**	# of strides	3.96	2.79	2.82
wind	-0.6 m/s	velocity	5.29	9.17	10.20	10.64	10.75	10.87	10.75	10.75	10.42	10.31	9.49	48.7	7.58	10.75	10.64

Tada, Shuhei (JPN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Fuse Sprint (Tottori, JPN)												*Miyashiro (2021) - https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21*			
date	06-Jun-21	time	1.83	2.87	3.81	4.70	5.57	6.44	7.31	8.19	9.09	10.01	10.01	5 / 2			
reaction time	0.136	interval		1.04	0.94	0.89	0.87	0.87	0.87	0.88	0.90	0.92	**PB**	# of strides	3.81	2.63	2.65
wind	2.0 m/s	velocity	5.46	9.62	10.64	11.24	11.49	11.49	11.49	11.36	11.11	10.87	9.99	48.0	7.87	11.41	11.32

FINAL - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.85	2.91	3.87	4.78	5.68	6.58	7.49	8.41	9.36	10.34	10.34	6 / 5			
reaction time	0.142	interval		1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.95	0.98		# of strides	3.87	2.71	2.78
wind	-0.2 m/s	velocity	5.41	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.53	10.20	9.67	49.0	7.75	11.07	10.79

FINAL - 2020 Athlete Night Games (Fukui, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.87	2.93	3.88	4.79	5.68	6.56	7.45	8.35	9.27	10.21	10.21	/ 4			
reaction time		interval		1.06	0.95	0.91	0.89	0.88	0.89	0.90	0.92	0.94		# of strides	3.88	2.68	2.71
wind	1.0 m/s	velocity	5.35	9.43	10.53	10.99	11.24	11.36	11.24	11.11	10.87	10.64	9.79	50.4	7.73	11.19	11.07

Heat 2 - 2020 Athlete Night Games (Fukui, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.84	2.91	3.86	4.77	5.66	6.54	7.43	8.33	9.24	10.18	10.18	/ 1			
reaction time		interval		1.07	0.95	0.91	0.89	0.88	0.89	0.90	0.91	0.94		# of strides	3.86	2.68	2.70
wind	1.5 m/s	velocity	5.43	9.35	10.53	10.99	11.24	11.36	11.24	11.11	10.99	10.64	9.82	51.5	7.77	11.19	11.11

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	19-May-19	time	1.86	2.90	3.85	4.74	5.62	6.49	7.37	8.26	9.18	10.12	10.12	2 / 6			
reaction time	0.157	interval		1.04	0.95	0.89	0.88	0.87	0.88	0.89	0.92	0.94		# of strides	3.85	2.64	2.69
wind	1.7 m/s	velocity	5.38	9.62	10.53	11.24	11.36	11.49	11.36	11.24	10.87	10.64	9.88	47.8	7.79	11.36	11.15

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	23-Jun-18	time	1.87	2.92	3.87	4.78	5.67	6.55	7.45	8.35	9.27	10.22	10.22	8 / 5			
reaction time	0.147	interval		1.05	0.95	0.91	0.89	0.88	0.90	0.90	0.92	0.95		# of strides	3.87	2.68	2.72
wind	0.6 m/s	velocity	5.35	9.52	10.53	10.99	11.24	11.36	11.11	11.11	10.87	10.53	9.78	48.1	7.75	11.19	11.03

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	20-May-18	time	1.88	2.93	3.89	4.80	5.70	6.60	7.51	8.43	9.36	10.32	10.32	6 / 6			
reaction time	0.150	interval		1.05	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.96		# of strides	3.89	2.71	2.76
wind	-0.7 m/s	velocity	5.32	9.52	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.42	9.69	48.3	7.71	11.07	10.87

Semi-Final 2 - 2017 Japanese National Championships (Osaka, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	23-Jun-17	time	1.82	2.85	3.79	4.69	5.57	6.45	7.33	8.23	9.16	10.10	10.10	/ 2			
reaction time	0.131	interval		1.03	0.94	0.90	0.88	0.88	0.88	0.90	0.93	0.94		# of strides	3.79	2.66	2.71
wind	0.5 m/s	velocity	5.49	9.71	10.64	11.11	11.36	11.36	11.36	11.11	10.75	10.64	9.90	48.7	7.92	11.28	11.07

Taftian, Hassan (IRI) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.93	2.99	3.94	4.84	5.72	6.59	7.47	8.36	9.25	10.18	10.18	1 / 5			
reaction time	0.147	interval		1.06	0.95	0.90	0.88	0.87	0.88	0.89	0.89	0.93		# of strides	3.94	2.65	2.66
wind	-0.3 m/s	velocity	5.18	9.43	10.53	11.11	11.36	11.49	11.36	11.24	11.24	10.75	9.82	46.0	7.61	11.32	11.28

FINAL - 2022 Meeting de Paris (Paris, FRA) *Omega Timing (2022) - diamond league race analysis*

date	18-Jun-22	time		3.04		4.94		6.79		8.62		10.52	10.52	8 / 7	
reaction time	0.140	interval				1.90		1.85		1.83		1.90		# of strides	
wind	-1.6 m/s	velocity		6.58		10.53		10.81		10.93		10.53	9.51		

Taka, Shoei (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20 time	1.92	3.02	4.02	4.97	5.91	6.84	7.77	8.70	9.65	10.61	10.61	8 / 4			
reaction time 0.173 interval		1.10	1.00	0.95	0.94	0.93	0.93	0.93	0.95	0.96		# of strides	4.02	2.82	2.81
wind 0.6 m/s velocity	5.21	9.09	10.00	10.53	10.64	10.75	10.75	10.75	10.53	10.42	9.43	53.6	7.46	10.64	10.68
Heat 4 - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20 time	1.88	2.97	3.96	4.91	5.84	6.77	7.70	8.65	9.60	10.58	10.58	5 / 1			
reaction time 0.140 interval		1.09	0.99	0.95	0.93	0.93	0.93	0.95	0.95	0.98		# of strides	3.96	2.81	2.83
wind 0.8 m/s velocity	5.32	9.17	10.10	10.53	10.75	10.75	10.75	10.53	10.53	10.20	9.45	53.2	7.58	10.68	10.60
Race 1 - 2020 World Athletics Trials (Fuji, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 06-Sep-20 time	1.88	2.99	3.99	4.95	5.88	6.81	7.74	8.68	9.63	10.61	10.61	/ 5			
reaction time interval		1.11	1.00	0.96	0.93	0.93	0.93	0.94	0.95	0.98	**=PB**	# of strides	3.99	2.82	2.82
wind 0.6 m/s velocity	5.32	9.01	10.00	10.42	10.75	10.75	10.75	10.64	10.53	10.20	9.43	55.8	7.52	10.64	10.64

Takahashi, Yu (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Japanese National High School Championships (Oita, JPN)												*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*			
date 31-Jul-13 time	1.98	3.07	4.05	4.99	5.91	6.82	7.74	8.66	9.59	10.55	10.55	/ 3			
reaction time interval		1.09	0.98	0.94	0.92	0.91	0.92	0.92	0.93	0.96	**PB**	# of strides	4.05	2.77	2.77
wind 0.1 m/s velocity	5.05	9.17	10.20	10.64	10.87	10.99	10.87	10.87	10.75	10.42	9.48		7.41	10.83	10.83

Takahira, Shinji (JPN) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date 29-Apr-14 time	1.94	3.00	3.96	4.88	5.78	6.69	7.59	8.51	9.44	10.40	10.40	3 / 1			
reaction time interval		1.06	0.96	0.92	0.90	0.91	0.90	0.92	0.93	0.96		# of strides	3.96	2.73	2.75
wind 2.3 m/s velocity	5.15	9.43	10.42	10.87	11.11	10.99	11.11	10.87	10.75	10.42	9.62	45.4	7.58	10.99	10.91
Race C - 2014 Izumo Athletics Games (Izumo, JPN)												*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
date 20-Apr-14 time	1.96	3.04	4.01	4.95	5.87	6.79	7.72	8.65	9.85	10.58	10.58	*???*			
reaction time interval		1.08	0.97	0.94	0.92	0.92	0.93	0.93	1.20	0.73		# of strides	4.01	2.78	3.06
wind 0.6 m/s velocity	5.10	9.26	10.31	10.64	10.87	10.87	10.75	10.75	8.33	13.70	9.45		7.48	10.79	9.80
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
date 29-Apr-12 time	1.94	2.99	3.93	4.85	5.75	6.64	7.54	8.44	9.35	10.29	10.29	4 / 5			
reaction time interval		1.05	0.94	0.92	0.90	0.89	0.90	0.90	0.91	0.94		# of strides	3.93	2.71	2.71
wind 1.3 m/s velocity	5.15	9.52	10.64	10.87	11.11	11.24	11.11	11.11	10.99	10.64	9.72	43.2	7.63	11.07	11.07
Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 29-Apr-09 time	1.96	3.02	3.97	4.88	5.78	6.66	7.55	8.45	9.35	10.28	10.28	/ 1			
reaction time interval		1.06	0.95	0.91	0.90	0.88	0.89	0.90	0.90	0.93		# of strides	3.97	2.69	2.69
wind 1.8 m/s velocity	5.10	9.43	10.53	10.99	11.11	11.36	11.24	11.11	11.11	10.75	9.73		7.56	11.15	11.15
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 23-Sep-08 time	2.01	3.06	4.02	4.94	5.86	6.77	7.68	8.61	9.55	10.52	10.52	/ 7			
reaction time interval		1.05	0.96	0.92	0.92	0.91	0.91	0.93	0.94	0.97		# of strides	4.02	2.75	2.78
wind -0.4 m/s velocity	4.98	9.52	10.42	10.87	10.87	10.99	10.99	10.75	10.64	10.31	9.51		7.46	10.91	10.79
FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 06-Jul-08 time	1.98	3.01	3.96	4.88	5.77	6.67	7.57	8.49	9.42	10.37	10.37	/ 2			
reaction time interval		1.03	0.95	0.92	0.89	0.90	0.90	0.92	0.93	0.95		# of strides	3.96	2.71	2.75
wind 1.5 m/s velocity	5.05	9.71	10.53	10.87	11.24	11.11	11.11	10.87	10.75	10.53	9.64		7.58	11.07	10.91
Heat 2 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 06-Jul-08 time	2.01	3.07	4.03	4.96	5.86	6.76	7.66	8.56	9.48	10.43	10.43	/ 1			
reaction time interval		1.06	0.96	0.93	0.90	0.90	0.90	0.90	0.92	0.95		# of strides	4.03	2.73	2.72
wind 1.9 m/s velocity	4.98	9.43	10.42	10.75	11.11	11.11	11.11	11.11	10.87	10.53	9.59		7.44	10.99	11.03
FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	1.93	2.98	3.94	4.85	5.74	6.62	7.50	8.39	9.29	10.20	10.20	/ 2			
reaction time interval		1.05	0.96	0.91	0.89	0.88	0.88	0.89	0.90	0.91		# of strides	3.94	2.68	2.67
wind 2.7 m/s velocity	5.18	9.52	10.42	10.99	11.24	11.36	11.36	11.24	11.11	10.99	9.80		7.61	11.19	11.24
Heat 3 - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	1.93	3.01	3.98	4.91	5.82	6.71	7.61	8.53	9.45	10.29	10.29	/ 2			
reaction time interval		1.08	0.97	0.93	0.91	0.89	0.90	0.92	0.92	0.84	**PB**	# of strides	3.98	2.73	2.74
wind 0.8 m/s velocity	5.18	9.26	10.31	10.75	10.99	11.24	11.11	10.87	10.87	11.90	9.72		7.54	10.99	10.95

FINAL - 2006 Seiko Super Grand Prix (Yokohama, JPN) *Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	24-Sep-06	time	1.97	3.02	3.96	4.87	5.76	6.64	7.53	8.42	9.34	10.26	10.26	/ 2		
reaction time		interval		1.05	0.94	0.91	0.89	0.88	0.89	0.89	0.92	0.92		# of strides	3.96	2.68	2.70
wind	2.2 m/s	velocity	5.08	9.52	10.64	10.99	11.24	11.36	11.24	11.24	10.87	10.87	9.75		7.58	11.19	11.11

Takano, Shota (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.08			7.03			9.93	10.96	10.96	1 / 6		
reaction time		interval						2.95			2.90	1.03		# of strides	4.08	2.95	2.90
wind	3.3 m/s	velocity			7.35			10.17			10.34	9.71	9.12	52.3	7.35	10.17	10.34

Takase, Kei (JPN) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2017 Fuse Sprint (Fuse, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	04-Jun-17	time	1.87	2.95	3.91	4.83	5.73	6.63	7.53	8.45	9.38	10.33	10.33	/ 4		
reaction time		interval		1.08	0.96	0.92	0.90	0.90	0.90	0.92	0.93	0.95		# of strides	3.91	2.72	2.75
wind	2.9 m/s	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.11	10.87	10.75	10.53	9.68	47.5	7.67	11.03	10.91

FINAL - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.88	2.92	3.85	4.76	5.64	6.55	7.46	8.38	9.31	10.25	10.25	/ 3		
reaction time		interval		1.04	0.93	0.91	0.88	0.91	0.91	0.92	0.93	0.94		# of strides	3.85	2.70	2.76
wind	-0.5 m/s	velocity	5.32	9.62	10.75	10.99	11.36	10.99	10.99	10.87	10.75	10.64	9.76	48.4	7.79	11.11	10.87

FINAL - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	28-Jun-15	time	1.93	2.97	3.91	4.81	5.71	6.60	7.50	8.41	9.33	10.28	10.28	5 / 1		
reaction time	0.144	interval		1.04	0.94	0.90	0.90	0.89	0.90	0.91	0.92	0.95		# of strides	3.91	2.69	2.73
wind	-0.9 m/s	velocity	5.18	9.62	10.64	11.11	11.11	11.24	11.11	10.99	10.87	10.53	9.73	48.0	7.67	11.15	10.99

Heat 1 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	27-Jun-15	time	1.96	3.01	3.96	4.88	5.78	6.68	7.60	8.51	9.44	10.40	10.40	5 / 1		
reaction time	0.143	interval		1.05	0.95	0.92	0.90	0.90	0.92	0.91	0.93	0.96		# of strides	3.96	2.72	2.76
wind	-0.7 m/s	velocity	5.10	9.52	10.53	10.87	11.11	11.11	10.87	10.99	10.75	10.42	9.62	46.7	7.58	11.03	10.87

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	10-May-15	time	1.89	2.93	3.87	4.76	5.62	6.50	7.38	8.27	9.17	10.09	10.09	6 / 2		
reaction time		interval		1.04	0.94	0.89	0.86	0.88	0.88	0.89	0.90	0.92	PB	# of strides	3.87	2.63	2.67
wind	-0.1 m/s	velocity	5.29	9.62	10.64	11.24	11.63	11.36	11.36	11.24	11.11	10.87	9.91	48.0	7.75	11.41	11.24

A FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	29-Apr-14	time	1.91	2.95	3.87	4.76	5.63	6.51	7.40	8.29	9.19	10.13	10.13	3 / 1		
reaction time		interval		1.04	0.92	0.89	0.87	0.88	0.89	0.89	0.90	0.94	PB	# of strides	3.87	2.64	2.68
wind	0.7 m/s	velocity	5.24	9.62	10.87	11.24	11.49	11.36	11.24	11.24	11.11	10.64	9.87	46.9	7.75	11.36	11.19

Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	29-Apr-14	time	1.92	2.95	3.89	4.79	5.67	6.55	7.43	8.32	9.22	10.14	10.14	4 / 1		
reaction time		interval		1.03	0.94	0.90	0.88	0.88	0.88	0.89	0.90	0.92		# of strides	3.89	2.66	2.67
wind	2.6 m/s	velocity	5.21	9.71	10.64	11.11	11.36	11.36	11.36	11.24	11.11	10.87	9.86	46.5	7.71	11.28	11.24

FINAL - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.95	3.00	3.93	4.84	5.73	6.62	7.51	8.41	9.33	10.26	10.26	3 / 1		
reaction time		interval		1.05	0.93	0.91	0.89	0.89	0.89	0.90	0.92	0.93		# of strides	3.93	2.69	2.71
wind	2.6 m/s	velocity	5.13	9.52	10.75	10.99	11.24	11.24	11.24	11.11	10.87	10.75	9.75	47.0	7.63	11.15	11.07

Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-13	time	1.92	2.96	3.90	4.80	5.70	6.58	7.47	8.38	9.30	10.23	10.23	8 / 2		
reaction time		interval		1.04	0.94	0.90	0.90	0.88	0.89	0.91	0.92	0.93	PB	# of strides	3.90	2.68	2.72
wind	0.9 m/s	velocity	5.21	9.62	10.64	11.11	11.11	11.36	11.24	10.99	10.87	10.75	9.78	47.0	7.69	11.19	11.03

Takeda, Ippei (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Japanese National Championships (Niigata, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.88	2.96	3.94	4.88	5.80	6.72	7.64	8.58	9.54	10.52	10.52	8 / 8		
reaction time	0.146	interval		1.08	0.98	0.94	0.92	0.92	0.92	0.94	0.96	0.98		# of strides	3.94	2.78	2.82
wind	-0.2 m/s	velocity	5.32	9.26	10.20	10.64	10.87	10.87	10.87	10.64	10.42	10.20	9.51	50.2	7.61	10.79	10.64

Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.87	2.95	3.91	4.83	5.73	6.63	7.52	8.42	9.33	10.25	10.25	9 / 3		
reaction time	0.149	interval		1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	PB	# of strides	3.91	2.72	2.70
wind	0.7 m/s	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.76	51.8	7.67	11.03	11.11

FINAL - 2017 Japanese National Sports Festival (Matsuyama, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	07-Oct-17	time	1.86	2.93	3.90	4.83	5.74	6.64	7.54	8.46	9.39	10.35	10.35	/ 3		
reaction time	0.135	interval		1.07	0.97	0.93	0.91	0.90	0.90	0.92	0.93	0.96		# of strides	3.90	2.74	2.75
wind	0.0 m/s	velocity	5.38	9.35	10.31	10.75	10.99	11.11	11.11	10.87	10.75	10.42	9.66	48.9	7.69	10.95	10.91

Takenaga, Ren (JPN)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)														*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date	27-May-22	time			4.15			7.20			10.20	11.25	11.25	8 / 7			
reaction time		interval						3.05			3.00	1.05		# of strides	4.15	3.05	3.00
wind	-1.8 m/s	velocity			7.23			9.84			10.00	9.52	8.89	51.0	7.23	9.84	10.00

Takeshita, Yuki (JPN) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date	29-Apr-14	time	1.96	3.01	3.97	4.89	5.80	6.70	7.62	8.54	9.48	10.43	10.43	6 / 4			
reaction time		interval		1.05	0.96	0.92	0.91	0.90	0.92	0.92	0.94	0.95		# of strides	3.97	2.73	2.78
wind	1.8 m/s	velocity	5.10	9.52	10.42	10.87	10.99	11.11	10.87	10.87	10.64	10.53	9.59	49.2	7.56	10.99	10.79
Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)														*Koyama (2014) - research on athlete performance and technique- 2014 data book*			
date	29-Apr-14	time	1.94	3.00	3.95	4.88	5.78	6.68	7.59	8.50	9.43	10.36	10.36	5 / 5			
reaction time		interval		1.06	0.95	0.93	0.90	0.90	0.91	0.91	0.93	0.93		# of strides	3.95	2.73	2.75
wind	2.4 m/s	velocity	5.15	9.43	10.53	10.75	11.11	11.11	10.99	10.99	10.75	10.75	9.65	50.0	7.59	10.99	10.91
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)														*Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-10	time	1.96	3.06		5.02	5.97	6.93	7.88	8.86	9.84	10.85	10.85	2 / 4			
reaction time		interval		1.10		1.96	0.95	0.96	0.95	0.98	0.98	1.01		# of strides			2.91
wind	-2.1 m/s	velocity	5.10	9.09		10.20	10.53	10.42	10.53	10.20	10.20	9.90	9.22				10.31

Takiuchi, Makoto (JPN) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)														*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
date	31-Jul-14	time	1.92	2.99	3.96	4.91	5.85	6.79	7.73	8.69	9.68	10.68	10.68	/ 2			
reaction time		interval		1.07	0.97	0.95	0.94	0.94	0.94	0.96	0.99	1.00		# of strides	3.96	2.83	2.89
wind	-2.0 m/s	velocity	5.21	9.35	10.31	10.53	10.64	10.64	10.64	10.42	10.10	10.00	9.36		7.58	10.60	10.38

Takumi, Suyama (JPN)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)														*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	25-May-24	time			4.13			7.10			10.13	11.20	11.20	8 / 7			
reaction time		interval						2.97			3.03	1.07		# of strides	4.13	2.97	3.03
wind	0.5 m/s	velocity			7.26			10.10			9.90	9.35	8.93	51.5	7.26	10.10	9.90
FINAL - 2023 Shimane High School Championships (Izumo, JPN)														*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date	27-May-23	time			4.18			7.13			10.17	11.22	11.22	1 / 7			
reaction time		interval						2.95			3.04	1.05		# of strides	4.18	2.95	3.04
wind	0.9 m/s	velocity			7.18			10.17			9.87	9.52	8.91	50.5	7.18	10.17	9.87

Tamura, Kazuki (JPN) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Japanese High School Championships (Okayama, JPN)														*Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-16	time		2.96	4.03	4.99	5.93	6.89	7.84	8.80		10.78	10.78	/ 3			
reaction time	0.153	interval			1.07	0.96	0.94	0.96	0.95	0.96		1.98		# of strides	4.03	2.86	
wind	3.0 m/s	velocity		6.76	9.35	10.42	10.64	10.42	10.53	10.42		10.10	9.28		7.44	10.49	

Tamura, Naoya (JPN) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)														*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-15	time			4.00	4.96	5.97	6.89	7.83	8.78	9.77	10.76	10.76	/ 8			
reaction time		interval				0.96	1.01	0.92	0.94	0.95	0.99	0.99		# of strides	4.00	2.89	2.88
wind	-0.8 m/s	velocity			7.50	10.42	9.90	10.87	10.64	10.53	10.10	10.10	9.29		7.50	10.38	10.42

Tamura, Riki (JPN) (2004)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)														*Kishima (2022) - national high school championships biomechanics data collection*			
date	04-Aug-22	time	1.89	3.00	4.00	4.95	5.90	6.84	7.78	8.74	9.72	10.71	10.71	8 / 7			
reaction time	0.126	interval		1.11	1.00	0.95	0.95	0.94	0.94	0.96	0.98	0.99		# of strides	4.00	2.84	2.88
wind	-0.6 m/s	velocity	5.29	9.01	10.00	10.53	10.53	10.64	10.64	10.42	10.20	10.10	9.34	47.5	7.50	10.56	10.42

Tanaka, Hiromasa (JPN) (1981)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN)														*Hisashi (2010) - the run performance analysis in the decathlon sprint events*			
date	25-Jun-09	time	1.95	3.05	4.06	5.03	5.99	6.96	7.93	8.93	9.95	11.00	11.00	3 / 2			
reaction time		interval		1.10	1.01	0.97	0.96	0.97	0.97	1.00	1.02	1.05		# of strides	4.06	2.90	2.99
wind	0.5 m/s	velocity	5.13	9.09	9.90	10.31	10.42	10.31	10.31	10.00	9.80	9.52	9.09		7.39	10.34	10.03

Tanaka, Kentaro (JPN) (2002)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Shimane High School Championships (Izumo, JPN)														*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	25-May-19	time			4.10			7.05			10.03	11.12	11.12	2 / 6			
reaction time		interval						2.95			2.98	1.09		# of strides	4.10	2.95	2.98
wind	1.3 m/s	velocity			7.32			10.17			10.07	9.17	8.99	49.7	7.32	10.17	10.07

Tanaka, Yuji (JPN)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)														*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			

date	27-May-22	time		4.08			7.08			9.97	10.98	10.98	5 / 2			
reaction time		interval					3.00			2.89	1.01		# of strides	4.08	3.00	2.89
wind	-1.8 m/s	velocity		7.35			10.00			10.38	9.90	9.11	53.0	7.35	10.00	10.38

Tang Cheng (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23	time	1.95	3.05	4.05	5.01	5.94	6.87	7.80	8.74	9.72	10.70	10.70	8 / 1			
reaction time 0.166	interval		1.10	1.00	0.96	0.93	0.93	0.93	0.94	0.98	0.98		# of strides	4.05	2.82	2.85
wind 0.6 m/s	velocity	5.13	9.09	10.00	10.42	10.75	10.75	10.75	10.64	10.20	10.20	9.35	48.5	7.41	10.64	10.53

Tang Xingqiang (CHN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)												*Shandong Athletics Sport Science (2023)*			
date 27-Jun-23	time	1.92	2.99	3.97	4.88	5.78	6.67	7.57	8.48	9.41	10.38	10.38	8 / 8			
reaction time 0.147	interval		1.07	0.98	0.91	0.90	0.89	0.90	0.91	0.93	0.97		# of strides	3.97	2.70	2.74
wind 0.7 m/s	velocity	5.21	9.35	10.20	10.99	11.11	11.24	11.11	10.99	10.75	10.31	9.63	48.2	7.56	11.11	10.95
Heat 3 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)												*Shandong Athletics Sport Science (2023)*			
date 27-Jun-23	time	1.92	2.96	3.94	4.83	5.74	6.62	7.52	8.42	9.33	10.28	10.28	4 / 2			
reaction time 0.130	interval		1.04	0.98	0.89	0.91	0.88	0.90	0.90	0.91	0.95		# of strides	3.94	2.68	2.71
wind -0.8 m/s	velocity	5.21	9.62	10.20	11.24	10.99	11.36	11.11	11.11	10.99	10.53	9.73	48.5	7.61	11.19	11.07
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23	time	1.95	2.99		4.88	5.77	6.67	7.56	8.46	9.43	10.41	10.41	6 / 4			
reaction time 0.166	interval		1.04		1.89	0.89	0.90	0.89	0.90	0.97	0.98		# of strides			2.76
wind 0.1 m/s	velocity	5.13	9.62		10.58	11.24	11.11	11.24	11.11	10.31	10.20	9.61	47.0			10.87
Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23	time	1.95	2.99	3.97	4.88	5.79	6.67	7.57	8.48	9.44	10.46	10.46	6 / 1			
reaction time 0.156	interval		1.04	0.98	0.91	0.91	0.88	0.90	0.91	0.96	1.02		# of strides	3.97	2.70	2.77
wind -0.6 m/s	velocity	5.13	9.62	10.20	10.99	10.99	11.36	11.11	10.99	10.42	9.80	9.56	47.0	7.56	11.11	10.83
Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23	time	1.94	2.99	3.95	4.86	5.77	6.66	7.55	8.47	9.39	10.35	10.35	6 / 1			
reaction time	interval		1.05	0.96	0.91	0.91	0.89	0.89	0.92	0.92	0.96		# of strides	3.95	2.71	2.73
wind -1.0 m/s	velocity	5.15	9.52	10.42	10.99	10.99	11.24	11.24	10.87	10.87	10.42	9.66	48.5	7.59	11.07	10.99

Tärnhuvud, Stefan (SWE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time			4.11			6.98				10.84	10.84	2 / 3			
reaction time	interval						2.87				3.86		# of strides	4.11	2.87	
wind 0.7 m/s	velocity			7.30			10.45				10.36	9.23		7.30	10.45	
B FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14	time			4.04			6.84		8.73		10.66	10.66	4 / 3			
reaction time	interval						2.80		1.89		1.93		# of strides	4.04	2.80	
wind 0.3 m/s	velocity			7.43			10.71		10.58		10.36	9.38		7.43	10.71	
B FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time			4.07			6.82		8.67		10.57	10.57	3 / 1			
reaction time	interval						2.75		1.85		1.90		# of strides	4.07	2.75	
wind 1.1 m/s	velocity			7.37			10.91		10.81		10.53	9.46		7.37	10.91	
Heat 8 - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time			4.06			6.79		8.62		10.51	10.51	7 / 6			
reaction time	interval						2.73		1.83		1.89		# of strides	4.06	2.73	
wind 1.8 m/s	velocity			7.39			10.99		10.93		10.58	9.51		7.39	10.99	
Semi-Final 1 - 2013 European Indoor Championships (Göteborg, SWE)												*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 02-Mar-13	time		2.98		4.86		6.67					6.67	8 / 6			
reaction time 0.145	interval				1.88		1.81					PB	# of strides			
	velocity		6.71		10.64		11.05					9.00	31.0			
FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time			4.03			6.78		8.62		10.52	10.52	/ 3			
reaction time	interval						2.75		1.84		1.90		# of strides	4.03	2.75	
wind 0.1 m/s	velocity			7.44			10.91		10.87		10.53	9.51		7.44	10.91	
FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			3.98			6.67		8.46		10.33	10.33	5 / 4			
reaction time	interval						2.69		1.79		1.87		# of strides	3.98	2.69	
wind 2.8 m/s	velocity			7.54			11.15		11.17		10.70	9.68		7.54	11.15	

FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time	4.04	6.81	8.66	10.58	10.58	/ 7			
reaction time		interval		2.77	1.85	1.92		# of strides	4.04	2.77	
wind	0.7 m/s	velocity	7.43	10.83	10.81	10.42	9.45		7.43	10.83	

FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time	4.00	6.75	8.55	10.46	10.46	/ 6			
reaction time		interval		2.75	1.80	1.91		# of strides	4.00	2.75	
wind	1.0 m/s	velocity	7.50	10.91	11.11	10.47	9.56		7.50	10.91	

FINAL - 2008 Windsprint (Sundsvall, SWE) *(2008) - www.ssg.se/en/Windsprint/Split-times/*

date	06-Jul-08	time	4.01	6.77	8.60	10.48	10.48	2 / 1			
reaction time		interval		2.76	1.83	1.88		# of strides	4.01	2.76	
wind	1.6 m/s	velocity	7.48	10.87	10.93	10.64	9.54	47.7	7.48	10.87	

FINAL - 2007 Windsprint (Sundsvall, SWE) *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time	4.11	6.91	8.77	10.69	10.69	/ 4			
reaction time		interval		2.80	1.86	1.92		# of strides	4.11	2.80	
wind	1.4 m/s	velocity	7.30	10.71	10.75	10.42	9.35		7.30	10.71	

Tateno, Shunki (JPN) (2003)

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	04-Oct-19	time		4.21		6.21				11.18	11.18	6 / 6			
reaction time	0.182	interval				2.00				4.97		# of strides	4.21		
wind	-1.1 m/s	velocity		7.13		3.22				10.06	8.94		7.13		

Tatsumi, Shin (JPN)

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-18	time	1.88	2.95	3.91	4.83	5.75	6.67	7.60	8.54	9.51	10.51	10.51	5 / 3			
reaction time		interval		1.07	0.96	0.92	0.92	0.92	0.93	0.94	0.97	1.00	PB	# of strides	3.91	2.76	2.84
wind	-0.3 m/s	velocity	5.32	9.35	10.42	10.87	10.87	10.87	10.75	10.64	10.31	10.00	9.51	48.0	7.67	10.87	10.56

Taue, Shun (JPN) (1997)

Decathlon - Heat 2 - 2024 Japanese National Multi-Event Championships (Gifu, JPN) *Matsubayashi (2025) - performance analysis of decathlon athletes in the 2024 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	22-Jun-24	time	2.02	3.16	4.18	5.16	6.12	7.09	8.06	9.05	10.06	11.08	11.08	9 / 7			
reaction time		interval		1.14	1.02	0.98	0.96	0.97	0.97	0.99	1.01	1.02		# of strides	4.18	2.91	2.97
wind	0.2 m/s	velocity	4.95	8.77	9.80	10.20	10.42	10.31	10.31	10.10	9.90	9.80	9.03		7.18	10.31	10.10

Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championsips (Akita, JPN) *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	10-Jun-23	time	2.00	3.12	4.15	5.13	6.09	7.05	8.01	8.99	9.99	11.00	11.00	9 / 6			
reaction time		interval		1.12	1.03	0.98	0.96	0.96	0.96	0.98	1.00	1.01		# of strides	4.15	2.90	2.94
wind	0.1 m/s	velocity	5.00	8.93	9.71	10.20	10.42	10.42	10.42	10.20	10.00	9.90	9.09		7.23	10.34	10.20

Decathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN) *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	06-May-23	time	1.98	3.11	4.12	5.09	6.03	6.97	7.92	8.88	9.87	10.89	10.89	2 / 2			
reaction time	0.155	interval		1.13	1.01	0.97	0.94	0.94	0.95	0.96	0.99	1.02		# of strides	4.12	2.85	2.90
wind	0.6 m/s	velocity	5.05	8.85	9.90	10.31	10.64	10.64	10.53	10.42	10.10	9.80	9.18		7.28	10.53	10.34

Decathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN) *Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	04-Jun-22	time	1.97	3.11	4.14	5.13	6.10	7.07	8.05	9.05	10.07	11.12	11.12	9 / 7			
reaction time		interval		1.14	1.03	0.99	0.97	0.97	0.98	1.00	1.02	1.05		# of strides	4.14	2.93	3.00
wind	0.1 m/s	velocity	5.08	8.77	9.71	10.10	10.31	10.31	10.20	10.00	9.80	9.52	8.99		7.25	10.24	10.00

Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN) *Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Apr-22	time	1.95	3.09	4.13	5.13	6.11	7.09	8.07	9.07	10.09	11.14	11.14	6 / 3			
reaction time	0.130	interval		1.14	1.04	1.00	0.98	0.98	0.98	1.00	1.02	1.05		# of strides	4.13	2.96	3.00
wind	-0.2 m/s	velocity	5.13	8.77	9.62	10.00	10.20	10.20	10.20	10.00	9.80	9.52	8.98		7.26	10.14	10.00

Decathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN) *Matsubayashi (2020) - research on athlete performance and technique- 2020 data book*

date	26-Sep-20	time	2.01	3.14	4.17	5.15	6.11	7.07	8.03	9.01	10.00	11.01	11.01	8 / 5			
reaction time		interval		1.13	1.03	0.98	0.96	0.96	0.96	0.98	0.99	1.01		# of strides	4.17	2.90	2.93
wind	0.2 m/s	velocity	4.98	8.85	9.71	10.20	10.42	10.42	10.42	10.20	10.10	9.90	9.08		7.19	10.34	10.24

Taylor, Robert (USA) (1948)

FINAL - 1972 Olympic Games (Munich, FRG) *Breizer (1984) - sprint competition analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	01-Sep-72	time			3.96			6.63		8.39		10.24	10.24	4 / 2			
reaction time		interval						2.67		1.76		1.85		# of strides	3.96	2.67	
wind	0.3 m/s	velocity			7.58			11.24		11.36		10.81	9.77	45.5	7.58	11.24	

Tebogo, Letsile (BOT) (2003)

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-May-25	time	1.91	2.96	3.90	4.81	5.69	6.57	7.43	8.29	9.17	10.03	10.03	3 / 3			

reaction time	0.161	interval		1.05	0.94	0.91	0.88	0.88	0.86	0.86	0.88	0.86		# of strides	3.90	2.67	2.60
wind	0.5 m/s	velocity	5.24	9.52	10.64	10.99	11.36	11.36	11.63	11.63	11.36	11.63	9.97	44.0	7.69	11.24	11.54

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

date	26-Apr-25	time	1.93	3.00	3.95	4.86	5.74	6.61	7.48	8.36	9.26	10.20	10.20	6 / 7			
reaction time	0.159	interval		1.07	0.95	0.91	0.88	0.87	0.87	0.88	0.90	0.94		# of strides	3.95	2.66	2.65
wind	0.2 m/s	velocity	5.18	9.35	10.53	10.99	11.36	11.49	11.49	11.36	11.11	10.64	9.80	44.0	7.59	11.28	11.32

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

date	30-Aug-24	time	1.84	2.87	3.80	4.69	5.56	6.41	7.26	8.11	8.97	9.87	9.87	6 / 1			
reaction time	0.136	interval		1.03	0.93	0.89	0.87	0.85	0.85	0.85	0.86	0.90		# of strides	3.80	2.61	2.56
wind	0.3 m/s	velocity	5.43	9.71	10.75	11.24	11.49	11.76	11.76	11.76	11.63	11.11	10.13	43.0	7.89	11.49	11.72

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

date	04-Aug-24	time	1.90	2.94	3.87	4.75	5.61	6.45	7.29	8.13	8.98	9.86	9.86	8 / 6			
reaction time	0.178	interval		1.04	0.93	0.88	0.86	0.84	0.84	0.84	0.85	0.88	NR PB	# of strides	3.87	2.58	2.53
wind	1.0 m/s	velocity	5.26	9.62	10.75	11.36	11.63	11.90	11.90	11.90	11.76	11.36	10.14	43.0	7.75	11.63	11.86

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

date	04-Aug-24	time	1.90	2.95	3.88	4.77	5.63	6.49	7.35	8.19	9.06	9.91	9.91	4 / 2			
reaction time	0.152	interval		1.05	0.93	0.89	0.86	0.86	0.86	0.84	0.87	0.85		# of strides	3.88	2.61	2.57
wind	0.0 m/s	velocity	5.26	9.52	10.75	11.24	11.63	11.63	11.63	11.90	11.49	11.76	10.09	43.2	7.73	11.49	11.67

Heat 8 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.90	2.95	3.88	4.77	5.64	6.49	7.36	8.23	9.09	10.01	10.01	2 / 2			
reaction time	0.170	interval		1.05	0.93	0.89	0.87	0.85	0.87	0.87	0.86	0.92		# of strides	3.88	2.61	2.60
wind	0.2 m/s	velocity	5.26	9.52	10.75	11.24	11.49	11.76	11.49	11.49	11.63	10.87	9.99	42.5	7.73	11.49	11.54

FINAL - 2024 London Athletics Meet (London, GBR) *Omega Timing (2024) - diamond league race analysis*

date	20-Jul-24	time	1.92	2.96	3.89	4.78	5.64	6.48	7.33	8.17	9.04	9.88	9.88	4 / 3			
reaction time	0.159	interval		1.04	0.93	0.89	0.86	0.84	0.85	0.84	0.87	0.84	=NR =PB	# of strides	3.89	2.59	2.56
wind	-0.3 m/s	velocity	5.21	9.62	10.75	11.24	11.63	11.90	11.76	11.90	11.49	11.90	10.12	43.0	7.71	11.58	11.72

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

date	16-Sep-23	time	1.90	2.96	3.90	4.80	5.68	6.55	7.45	8.37	9.39	10.61	10.61	6 / 8			
reaction time	0.146	interval		1.06	0.94	0.90	0.88	0.87	0.90	0.92	1.02	1.22		# of strides	3.90	2.65	2.84
wind	0.1 m/s	velocity	5.26	9.43	10.64	11.11	11.36	11.49	11.11	10.87	9.80	8.20	9.43	43.0	7.69	11.32	10.56

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

date	21-Jul-23	time	1.87	2.92	3.87	4.77	5.64	6.50	7.35	8.21	9.06	9.93	9.93	5 / 2			
reaction time	0.138	interval		1.05	0.95	0.90	0.87	0.86	0.85	0.86	0.85	0.87		# of strides	3.87	2.63	2.56
wind	0.6 m/s	velocity	5.35	9.52	10.53	11.11	11.49	11.63	11.76	11.63	11.76	11.49	10.07	42.5	7.75	11.41	11.72

FINAL - 2023 Meeting de Paris (Paris, FRA) *Omega Timing (2023) - diamond league race analysis*

date	09-Jun-23	time	1.86	2.92	3.87	4.77	5.66	6.54	7.40	8.26	9.14	10.05	10.05	7 / 3			
reaction time	0.148	interval		1.06	0.95	0.90	0.89	0.88	0.86	0.86	0.88	0.91		# of strides	3.87	2.67	2.60
wind	-0.9 m/s	velocity	5.38	9.43	10.53	11.11	11.24	11.36	11.63	11.63	11.36	10.99	9.95	43.7	7.75	11.24	11.54

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR) *Omega Timing (2023) - diamond league race analysis*

date	28-May-23	time	1.91	2.96	3.92	4.83	5.71	6.59	7.46	8.32	9.19	10.09	10.09	8 / 4			
reaction time	0.173	interval		1.05	0.96	0.91	0.88	0.88	0.87	0.86	0.87	0.90		# of strides	3.92	2.67	2.60
wind	0.1 m/s	velocity	5.24	9.52	10.42	10.99	11.36	11.36	11.49	11.63	11.49	11.11	9.91	43.0	7.65	11.24	11.54

FINAL - 2022 Prefontaine Classic (Eugene, OR) *Omega Timing (2022) - diamond league race analysis*

date	28-May-22	time		2.95		4.79		6.55		8.31		10.12	10.12	8 / 5			
reaction time	0.169	interval				1.84		1.76		1.76		1.81		# of strides			
wind	-0.2 m/s	velocity		6.78		10.87		11.36		11.36		11.05	9.88	43.0			

Terasawa, Daichi (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.14		6.06					11.07	11.07	4 / 3			
reaction time	0.176	interval					1.92					5.01		# of strides	4.14		
wind	-1.1 m/s	velocity			7.25		3.30					9.98	9.03		7.25		

Terasawa, Daiti (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) *Shibayama (2021) - national high school and U20 national championhsips*

date	29-Jul-21	time	1.97	3.07	4.05	4.99	5.91	6.82	7.74	8.67	9.62	10.59	10.59	2 / 7			
reaction time	0.138	interval		1.10	0.98	0.94	0.92	0.91	0.92	0.93	0.95	0.97		# of strides	4.05	2.77	2.80
wind	1.8 m/s	velocity	5.08	9.09	10.20	10.64	10.87	10.99	10.87	10.75	10.53	10.31	9.44		7.41	10.83	10.71

Tewa, Waisake (FIJ) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Prelim 6 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	3.07	4.05	5.01	5.92	6.86	7.80	8.76	9.74	10.73	10.73	6 / 7			
reaction time	0.153	interval		1.10	0.98	0.96	0.91	0.94	0.94	0.96	0.98	0.99		# of strides	4.05	2.81	2.88
wind	0.3 m/s	velocity	5.08	9.09	10.20	10.42	10.99	10.64	10.64	10.42	10.20	10.10	9.32	47.0	7.41	10.68	10.42

Theodorídis, Yeóryios (GRE) (1972)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 2 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time	2.94	3.89	4.80		6.57		8.37		10.24	10.24	/ 2			
reaction time	0.117	interval		0.95	0.91		1.77		1.80		1.87		# of strides	3.89	2.68	
wind	0.1 m/s	velocity	6.80	10.53	10.99		11.30		11.11		10.70	9.77		7.71	11.19	

Quarter-Final 1 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	2.96	3.92	4.83		6.61		8.40		10.25	10.25	/ 1			
reaction time	0.125	interval		0.96	0.91		1.78		1.79		1.85		# of strides	3.92	2.69	
wind	-0.1 m/s	velocity	6.76	10.42	10.99		11.24		11.17		10.81	9.76		7.65	11.15	

Heat 3 - 2002 European Championships (Munich, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	2.98	3.93	4.84		6.62		8.40		10.24	10.24	/ 1			
reaction time	0.134	interval		0.95	0.91		1.78		1.78		1.84		# of strides	3.93	2.69	
wind	0.4 m/s	velocity	6.71	10.53	10.99		11.24		11.24		10.87	9.77		7.63	11.15	

Thessén, Emil (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

E FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.20			7.11		9.05		11.06	11.06	5 / 3			
reaction time		interval					2.91		1.94		2.01		# of strides	4.20	2.91	
wind	1.8 m/s	velocity		7.14			10.31		10.31		9.95	9.04		7.14	10.31	

Thethere, Stephen (KEN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.6		8.4		10.24	10.24	4 / 5			
reaction time	0.136	interval				1.90		1.80		1.80		1.84		# of strides			
wind	0.4 m/s	velocity		6.90		10.53		11.11		11.11		10.87	9.77	49.5			

Thieme, Alexander (GDR) (1954)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1977 East German National Championships (Dresden, GDR) *Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	01-Jul-77	time			3.95		6.63		8.42		10.22	10.22	/ 2			
reaction time		interval					2.68		1.79		1.80		# of strides	3.95	2.68	
wind	1.6 m/s	velocity			7.59		11.19		11.17		11.11	9.78		7.59	11.19	

Thomas, Adam (GBR) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		2.9		4.8		6.6		8.5		10.40	10.40	8 / 7			
reaction time	0.150	interval				1.90		1.80		1.90		1.90		# of strides			
wind	-1.2 m/s	velocity		6.90		10.53		11.11		10.53		10.53	9.62	49.0			

Thompson, Kishane (JAM) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	1.90	2.94	3.86	4.76	5.62	6.49	7.35	8.22	9.10	9.99	9.99	4 / 2			
reaction time	0.165	interval		1.04	0.92	0.90	0.86	0.87	0.86	0.87	0.88	0.89		# of strides	3.86	2.63	2.61
wind	0.5 m/s	velocity	5.26	9.62	10.87	11.11	11.63	11.49	11.63	11.49	11.36	11.24	10.01	45.5	7.77	11.41	11.49

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

date	04-Aug-24	time	1.90	2.93	3.84	4.72	5.56	6.41	7.24	8.07	8.92	9.79	9.79	4 / 2			
reaction time	0.176	interval		1.03	0.91	0.88	0.84	0.85	0.83	0.83	0.85	0.87		# of strides	3.84	2.57	2.51
wind	1.0 m/s	velocity	5.26	9.71	10.99	11.36	11.90	11.76	12.05	12.05	11.76	11.49	10.21	45.0	7.81	11.67	11.95

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

date	04-Aug-24	time	1.88	2.91	3.83	4.70	5.55	6.40	7.24	8.08	8.94	9.80	9.80	4 / 1			
reaction time	0.157	interval		1.03	0.92	0.87	0.85	0.85	0.84	0.84	0.86	0.86		# of strides	3.83	2.57	2.54
wind	0.5 m/s	velocity	5.32	9.71	10.87	11.49	11.76	11.76	11.90	11.90	11.63	11.63	10.20	44.7	7.83	11.67	11.81

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

date	03-Aug-24	time	1.93	2.99	3.89	4.77	5.62	6.47	7.34	8.20	9.10	10.00	10.00	5 / 1			
reaction time	0.160	interval		1.06	0.90	0.88	0.85	0.85	0.87	0.86	0.90	0.90		# of strides	3.89	2.58	2.63
wind	0.6 m/s	velocity	5.18	9.43	11.11	11.36	11.76	11.76	11.49	11.63	11.11	11.11	10.00	44.5	7.71	11.63	11.41

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

date	16-Sep-23	time	1.87	2.89	3.81	4.68	5.53	6.38	7.24	8.09	8.96	9.87	9.87	7 / 4			
reaction time	0.129	interval		1.02	0.92	0.87	0.85	0.85	0.86	0.85	0.87	0.91		# of strides	3.81	2.57	2.58
wind	0.1 m/s	velocity	5.35	9.80	10.87	11.49	11.76	11.76	11.63	11.76	11.49	10.99	10.13	45.0	7.87	11.67	11.63

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.87	2.91	3.82	4.69	5.55	6.40	7.25	8.10	8.97	9.85	9.85	10 / 2			

reaction time	0.145	interval		1.04	0.91	0.87	0.86	0.85	0.85	0.85	0.87	0.88	PB	# of strides	3.82	2.58	2.57
wind	0.4 m/s	velocity	5.35	9.62	10.99	11.49	11.63	11.76	11.76	11.76	11.49	11.36	10.15	45.5	7.85	11.63	11.67

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

date	21-Jul-23	time	1.92	2.95	3.88	4.76	5.63	6.49	7.36	8.23	9.12	10.04	10.04	7 / 5			
reaction time	0.186	interval		1.03	0.93	0.88	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.88	2.61	2.63
wind	0.6 m/s	velocity	5.21	9.71	10.75	11.36	11.49	11.63	11.49	11.49	11.24	10.87	9.96	44.5	7.73	11.49	11.41

Thompson, Obadele, (BAR) (1976)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.77	2.79	3.71	4.61	5.50	6.36	7.22	8.10	8.97	9.86	10.00	1 / 4			
reaction time	0.145	interval		1.02	0.92	0.90	0.89	0.86	0.86	0.88	0.87	0.89		# of strides	3.71	2.65	2.61
wind	0.2 m/s	velocity	5.65	9.80	10.87	11.11	11.24	11.63	11.63	11.36	11.49	11.24	10.00		8.09	11.32	11.49

Thompson, Richard (TTO) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	16-Aug-09	time		2.90	3.83	4.71		6.45		8.17		9.93	9.93	8 / 5			
reaction time	0.119	interval			0.93	0.88		1.74		1.72		1.76		# of strides	3.83	2.62	
wind	0.9 m/s	velocity		6.90	10.75	11.36		11.49		11.63		11.36	10.07		7.83	11.45	

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

date	16-Aug-09	time		2.92	3.85	4.74		6.51		8.22		9.98	9.98	3 / 3			
reaction time	0.132	interval			0.93	0.89		1.77		1.71		1.76		# of strides	3.85	2.66	
wind	-0.2 m/s	velocity		6.85	10.75	11.24		11.30		11.70		11.36	10.02	44.0	7.79	11.28	

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.92	3.86	4.76		6.54		8.28		10.08	10.08	4 / 2			
reaction time	0.145	interval			0.94	0.90		1.78		1.74		1.80		# of strides	3.86	2.68	
wind	-0.7 m/s	velocity		6.85	10.64	11.11		11.24		11.49		11.11	9.92		7.77	11.19	

Heat 10 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.97	3.92	4.83		6.63		8.42		10.36	10.36	6 / 1			
reaction time	0.155	interval			0.95	0.91		1.80		1.79		1.94		# of strides	3.92	2.71	
wind	-0.3 m/s	velocity		6.73	10.53	10.99		11.11		11.17		10.31	9.65		7.65	11.07	

FINAL - 2008 Olympic Games (Beijing, CHN) *Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21*

date	16-Aug-08	time			3.78			6.40		8.13		9.89	9.89	5 / 2			
reaction time	0.133	interval						2.62		1.73		1.76	PB	# of strides	3.78	2.62	
wind	0.0 m/s	velocity			7.94			11.45		11.56		11.36	10.11	44.2	7.94	11.45	

Thor, Viktor (SWE) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

National FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.97	3.07	4.07	5.03	5.96	6.90	7.83	8.78	9.74	10.71	10.71	2 / 7			
reaction time	0.145	interval		1.10	1.00	0.96	0.93	0.94	0.93	0.95	0.96	0.97		# of strides	4.07	2.83	2.84
wind	-0.1 m/s	velocity	5.08	9.09	10.00	10.42	10.75	10.64	10.75	10.53	10.42	10.31	9.34		7.37	10.60	10.56

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

date	04-Jul-21	time		3.1		5.0		6.9		8.8		10.65	10.65	8 / 7			
reaction time	0.145	interval				1.90		1.90		1.90		1.85		# of strides			
wind	0.5 m/s	velocity		6.45		10.53		10.53		10.53		10.81	9.39	47.5			

C FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.20		6.24	7.26		9.22		11.28	11.28	6 / 4			
reaction time		interval					2.04	1.02		1.96		2.06		# of strides	4.20	3.06	
wind	1.5 m/s	velocity			7.14		9.80	9.80		10.20		9.71	8.87		7.14	9.80	

Thor, William (SWE) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.30		6.31	7.32		9.34		11.42	11.42	6 / 2			
reaction time		interval					2.01	1.01		2.02		2.08		# of strides	4.30	3.02	
wind	1.2 m/s	velocity			6.98		9.95	9.90		9.90		9.62	8.76		6.98	9.93	

Thornberg, Nils (SWE) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time			4.17		6.10	7.03		8.96		10.94	10.94	5 / 5			
reaction time		interval					1.93	0.93		1.93		1.98		# of strides	4.17	2.86	
wind	1.5 m/s	velocity			7.19		10.36	10.75		10.36		10.10	9.14		7.19	10.49	

A FINAL - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			4.20			7.10				11.06	11.06	1 / 8			
reaction time		interval						2.90				3.96	PB	# of strides	4.20	2.90	
wind	1.4 m/s	velocity			7.14			10.34				10.10	9.04		7.14	10.34	

Heat 2 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time	4.20	7.08		11.16	11.16	7 / 3			
reaction time		interval		2.88		4.08		# of strides	4.20	2.88	
wind	0.7 m/s	velocity	7.14	10.42		9.80	8.96		7.14	10.42	

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.21	7.17	9.14	11.16	11.16	6 / 6			
reaction time		interval		2.96	1.97	2.02		# of strides	4.21	2.96	
wind	3.0 m/s	velocity	7.13	10.14	10.15	9.90	8.96		7.13	10.14	

F FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time	4.23	7.30	9.38	11.49	11.49	3 / 5			
reaction time		interval		3.07	2.08	2.11		# of strides	4.23	3.07	
wind	1.6 m/s	velocity	7.09	9.77	9.62	9.48	8.70		7.09	9.77	

E FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time	4.41	7.66	9.82	12.03	12.03	/ 4			
reaction time		interval		3.25	2.16	2.21		# of strides	4.41	3.25	
wind	1.6 m/s	velocity	6.80	9.23	9.26	9.05	8.31		6.80	9.23	

Thorshaug, Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

E FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.17	7.06	8.94	10.88	10.88	5 / 2			
reaction time		interval		2.89	1.88	1.94		# of strides	4.17	2.89	
wind	2.1 m/s	velocity	7.19	10.38	10.64	10.31	9.19		7.19	10.38	

E FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time	4.14	7.02	8.92	10.84	10.84	3 / 2			
reaction time		interval		2.88	1.90	1.92		# of strides	4.14	2.88	
wind	2.8 m/s	velocity	7.25	10.42	10.53	10.42	9.23		7.25	10.42	

Tian Junhao (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.03	3.09	4.07	4.99	5.88	6.77	7.66	8.54	9.44	10.36	10.36	5 / 6			
reaction time	0.172	interval		1.06	0.98	0.92	0.89	0.89	0.89	0.88	0.90	0.92		# of strides	4.07	2.70	2.67
wind	1.1 m/s	velocity	4.93	9.43	10.20	10.87	11.24	11.24	11.24	11.36	11.11	10.87	9.65	44.2	7.37	11.11	11.24

Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	28-Jun-24	time	1.99	3.04	4.02	4.96	5.87	6.77	7.65	8.54	9.42	10.37	10.37	9 / 2			
reaction time	0.143	interval		1.05	0.98	0.94	0.91	0.90	0.88	0.89	0.88	0.95		# of strides	4.02	2.75	2.65
wind	0.0 m/s	velocity	5.03	9.52	10.20	10.64	10.99	11.11	11.36	11.24	11.36	10.53	9.64	44.7	7.46	10.91	11.32

Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.09	4.09	5.00	5.92	6.82	7.72	8.61	9.54	10.48	10.48	3 / 3			
reaction time	0.179	interval		1.09	1.00	0.91	0.92	0.90	0.90	0.89	0.93	0.94	PB	# of strides	4.09	2.73	2.72
wind	-0.4 m/s	velocity	5.00	9.17	10.00	10.99	10.87	11.11	11.11	11.24	10.75	10.64	9.54	45.0	7.33	10.99	11.03

Tilga, Karel (EST) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	2.06	3.19	4.21	5.17	6.10	7.10	8.07	9.04	10.02	11.01	11.01	6 / 5			
reaction time	0.150	interval		1.13	1.02	0.96	0.93	1.00	0.97	0.97	0.98	0.99		# of strides	4.21	2.89	2.92
wind	0.9 m/s	velocity	4.85	8.85	9.80	10.42	10.75	10.00	10.31	10.31	10.20	10.10	9.08	42.5	7.13	10.38	10.27

Tjelta Larsen, Simen (NOR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time	4.21	7.05	8.96	10.91	10.91	2 / 1			
reaction time		interval		2.84	1.91	1.95		# of strides	4.21	2.84	
wind	0.9 m/s	velocity	7.13	10.56	10.47	10.26	9.17		7.13	10.56	

Tömmervik, Sindre (NOR) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 3 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time	4.53	7.72		12.04	12.04	7 / 7			
reaction time		interval		3.19		4.32		# of strides	4.53	3.19	
wind	1.5 m/s	velocity	6.62	9.40		9.26	8.31		6.62	9.40	

G FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time	4.60	7.84	10.01	12.25	12.25	8 / 6			
reaction time		interval		3.24	2.17	2.24		# of strides	4.60	3.24	
wind	1.6 m/s	velocity	6.52	9.26	9.22	8.93	8.16		6.52	9.26	

Torrieri, Marco (ITA) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	3.08	4.05	4.97	6.72	8.59	10.29	10.29	/ 4			
reaction time		interval		0.97	0.92	1.75	1.87	1.70		# of strides	4.05	2.67	
wind	1.4 m/s	velocity	6.49	10.31	10.87	11.43	10.70	11.76	9.72		7.41	11.24	

Tortu, Filippo (ITA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time	3.1		4.9	6.7	8.4	10.17	10.17	1 / 7			
reaction time	0.179	interval			1.80	1.80	1.70	1.77		# of strides			
wind	0.3 m/s	velocity	6.45		11.11	11.11	11.76	11.30	9.83	44.5			

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time	3.0		4.9	6.6	8.4	10.09	10.09	6 / 3			
reaction time	0.151	interval			1.82	1.76	1.78	1.69		# of strides			
wind	0.3 m/s	velocity	6.58		10.99	11.36	11.24	11.83	5.95	44.0			

FINAL - 2019 IAAF World Championships (Doha, QAT) *Pang (2021) - kinematic analysis of key technical links of athletes in men's 100m final of 2019 world championships*

date	28-Sep-19	time	1.92	2.94	3.87	4.76	5.64	6.52	7.39	8.27	9.15	10.07	10.07	2 / 7			
reaction time	0.158	interval		1.02	0.93	0.89	0.88	0.88	0.87	0.88	0.88	0.92		# of strides	3.87	2.65	2.63
wind	0.6 m/s	velocity	5.21	9.80	10.75	11.24	11.36	11.36	11.49	11.36	11.36	10.87	9.93	44.0	7.75	11.32	11.41

FINAL - 2019 The Match - Europe v USA (Minsk, BLR) *European Athletics (2019) - race analysis*

date	09-Sep-19	time				5.89				10.29	10.29	4 / 4			
reaction time	0.180	interval								4.40		# of strides			
wind	-1.1 m/s	velocity				8.49				11.36	9.72	45.0			

Totsuna, Akihiro (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN) *Takashima (2023) - national high school sports festival - biomechanics data*

date	03-Aug-23	time	1.98	3.11	4.14	5.12	6.09	7.06	8.04	9.03	10.05	11.08	11.08	3 / 8			
reaction time	0.218	interval		1.13	1.03	0.98	0.97	0.97	0.98	0.99	1.02	1.03		# of strides	4.14	2.92	2.99
wind	-2.7 m/s	velocity	5.05	8.85	9.71	10.20	10.31	10.31	10.20	10.10	9.80	9.71	9.03		7.25	10.27	10.03

Toumadji, Herve (CAF) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Prelim 2 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	3.08	4.08	5.06	5.99	6.93	7.88	8.83	9.79	10.76	10.76	5 / 4			
reaction time	0.146	interval		1.11	1.00	0.98	0.93	0.94	0.95	0.95	0.96	0.97		# of strides	4.08	2.85	2.86
wind	-0.3 m/s	velocity	5.08	9.01	10.00	10.20	10.75	10.64	10.53	10.53	10.42	10.31	9.29	46.0	7.35	10.53	10.49

Touray, Ousman (NOR) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

D FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time				7.13		9.09		11.08	11.08	5 / 3			
reaction time		interval						1.96		1.99		# of strides			
wind	0.9 m/s	velocity				8.42		10.20		10.05	9.03				

Tracey, Tyquendo (JAM) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 FBK Games (Hengelo, NED) *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time	2.9		4.8	6.6	8.5	10.41	10.41	2 / 6			
reaction time	0.144	interval			1.90	1.80	1.90	1.91		# of strides			
wind	-0.3 m/s	velocity	6.90		10.53	11.11	10.53	10.47	9.61	47.0			

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0		4.9	6.6	8.4	10.14	10.14	3 / 6			
reaction time	0.133	interval			1.9	1.7	1.8	1.74		# of strides			
wind	2.0 m/s	velocity	6.67		10.53	11.76	11.11	11.49	9.86	46.5			

Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.0		4.9	6.7	8.4	10.19	10.19	3 / 5			
reaction time	0.142	interval			1.9	1.8	1.7	1.79		# of strides			
wind	0.7 m/s	velocity	6.67		10.53	11.11	11.76	11.17	9.81				

A FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time		3.98		6.68	8.47	10.31	10.31	5 / 1			
reaction time		interval				2.70	1.79	1.84		# of strides	3.98	2.70	
wind	1.0 m/s	velocity		7.54		11.11	11.17	10.87	9.70		7.54	11.11	

Tsubasa, Suzuki (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time		4.11		6.05				10.95	10.95	5 / 1			
reaction time	0.138	interval				1.94				4.90		# of strides	4.11		
wind	-1.1 m/s	velocity		7.30		3.31				10.20	9.13		7.30		

Tsukagichi, Teppei (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

date	05-Aug-19	time	1.92	3.01	3.99	4.92	5.83	6.72	7.63	8.54	9.47	10.43	10.43	/ 4			
reaction time		interval		1.09	0.98	0.93	0.91	0.89	0.91	0.91	0.93	0.96		# of strides	3.99	2.73	2.75
wind	2.9 m/s	velocity	5.21	9.17	10.20	10.75	10.99	11.24	10.99	10.99	10.75	10.42	9.59		7.52	10.99	10.91

Tsukahara, Naoki (JPN) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 3 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	27-Jun-15	time	1.91	2.97	3.93	4.84	5.74	6.64	7.55	8.47	9.40	10.35	10.35	3 / 1			
reaction time	0.155	interval		1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.95		# of strides	3.93	2.71	2.76
wind	0.2 m/s	velocity	5.24	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.53	9.66	47.0	7.63	11.07	10.87

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.90	2.97	3.93	4.86	5.77	6.68	7.60	8.52	9.46	10.40	10.40	5 / =2			
reaction time		interval		1.07	0.96	0.93	0.91	0.91	0.92	0.92	0.94	0.94		# of strides	3.93	2.75	2.78
wind	-0.2 m/s	velocity	5.26	9.35	10.42	10.75	10.99	10.99	10.87	10.87	10.64	10.64	9.62	48.0	7.63	10.91	10.79

Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.91	2.97	3.95	4.88	5.79	6.70	7.60	8.51	9.43	10.37	10.37	3 / 2			
reaction time		interval		1.06	0.98	0.93	0.91	0.91	0.90	0.91	0.92	0.94		# of strides	3.95	2.75	2.73
wind	0.5 m/s	velocity	5.24	9.43	10.20	10.75	10.99	10.99	11.11	10.99	10.87	10.64	9.64	48.2	7.59	10.91	10.99

Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.95	3.03	4.00	4.93	5.85	6.77	7.68	8.59	9.52	10.48	10.48	5 / 6			
reaction time		interval		1.08	0.97	0.93	0.92	0.92	0.91	0.91	0.93	0.96		# of strides	4.00	2.77	2.75
wind	2.0 m/s	velocity	5.13	9.26	10.31	10.75	10.87	10.87	10.99	10.99	10.75	10.42	9.54	47.9	7.50	10.83	10.91

Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.91	2.97	3.93	4.85	5.76	6.66	7.56	8.47	9.40	10.36	10.36	6 / 1			
reaction time		interval		1.06	0.96	0.92	0.91	0.90	0.90	0.91	0.93	0.96		# of strides	3.93	2.73	2.74
wind	1.9 m/s	velocity	5.24	9.43	10.42	10.87	10.99	11.11	11.11	10.99	10.75	10.42	9.65	48.0	7.63	10.99	10.95

Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-12	time	1.90	2.95	3.90	4.82	5.72	6.62	7.52	8.42	9.33	10.25	10.25	2 / 4			
reaction time		interval		1.05	0.95	0.92	0.90	0.90	0.90	0.90	0.91	0.92		# of strides	3.90	2.72	2.71
wind	1.3 m/s	velocity	5.26	9.52	10.53	10.87	11.11	11.11	11.11	11.11	10.99	10.87	9.76	46.5	7.69	11.03	11.07

FINAL - 2010 East Japan Corporate Championships (Kumagaya, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	15-May-10	time			3.90			6.63				10.30	10.30	/ 1			
reaction time		interval						2.73				3.67		# of strides	3.90	2.73	
wind	0.0 m/s	velocity			7.69			10.99				10.90	9.71	47.4	7.69	10.99	

FINAL - 2010 Osaka Grand Prix (Osaka, JPN) *Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	08-May-10	time	1.93	2.99	3.95	4.86	5.77	6.67	7.57	8.48	9.41	10.36	10.36	/ 3			
reaction time		interval		1.06	0.96	0.91	0.91	0.90	0.90	0.91	0.93	0.95		# of strides	3.95	2.72	2.74
wind	0.0 m/s	velocity	5.18	9.43	10.42	10.99	10.99	11.11	11.11	10.99	10.75	10.53	9.65	46.9	7.59	11.03	10.95

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

date	16-Aug-09	time		2.98	3.94	4.86		6.67		8.44		10.25	10.25	8 / 8			
reaction time	0.152	interval			0.96	0.92		1.81		1.77		1.81		# of strides	3.94	2.73	
wind	-0.2 m/s	velocity		6.71	10.42	10.87		11.05		11.30		11.05	9.76	43.0	7.61	10.99	

Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER) *Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter*

date	15-Aug-09	time	1.90	2.95	3.90	4.80	5.70	6.58	7.46	8.34	9.23	10.15	10.15	4 / 3			
reaction time	0.128	interval		1.05	0.95	0.90	0.90	0.88	0.88	0.88	0.89	0.92		# of strides	3.90	2.68	2.65
wind	0.4 m/s	velocity	5.26	9.52	10.53	11.11	11.11	11.36	11.36	11.36	11.24	10.87	9.85		7.69	11.19	11.32

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

date	15-Aug-09	time		2.95	3.91	4.82		6.64		8.44		10.28	10.28	2 / 2			
reaction time	0.145	interval			0.96	0.91		1.82		1.80		1.84		# of strides	3.91	2.73	
wind	-0.4 m/s	velocity		6.78	10.42	10.99		10.99		11.11		10.87	9.73		7.67	10.99	

Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	28-Jun-09	time			3.89			6.54				10.09	10.09	/ 1			
reaction time		interval						2.65				3.55		# of strides	3.89	2.65	
wind	2.4 m/s	velocity			7.71			11.32				11.27	9.91	45.6	7.71	11.32	

Heat 1 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	27-Jun-09	time	1.92	2.96	3.89	4.79	5.67	6.54	7.42	8.30	9.19	10.09	10.09	6 / 1			
reaction time		interval		1.04	0.93	0.90	0.88	0.87	0.88	0.88	0.89	0.90	PB	# of strides	3.89	2.65	2.65
wind	1.8 m/s	velocity	5.21	9.62	10.75	11.11	11.36	11.49	11.36	11.36	11.24	11.11	9.91	45.4	7.71	11.32	11.32

FINAL - 2009 Osaka Grand Prix (Osaka, JPN) *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

date	09-May-09	time			3.93			6.57				10.13	10.13	/ 1			
reaction time		interval						2.64				3.56	PB	# of strides	3.93	2.64	
wind	0.8 m/s	velocity			7.63			11.36				11.24	9.87	46.5	7.63	11.36	

Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	29-Apr-09	time	1.96	3.02	3.97	4.88	5.78	6.66	7.55	8.45	9.35	10.28	10.28	/ 1			
reaction time		interval		1.06	0.95	0.91	0.90	0.88	0.89	0.90	0.90	0.93		# of strides	3.97	2.69	2.69
wind	1.8 m/s	velocity	5.10	9.43	10.53	10.99	11.11	11.36	11.24	11.11	11.11	10.75	9.73		7.56	11.15	11.15

FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	23-Sep-08	time	1.99	3.04	3.99	4.91	5.82	6.72	7.62	8.53	9.45	10.39	10.39	/ 4			
reaction time		interval		1.05	0.95	0.92	0.91	0.90	0.90	0.91	0.92	0.94		# of strides	3.99	2.73	2.73
wind	-0.4 m/s	velocity	5.03	9.52	10.53	10.87	10.99	11.11	11.11	10.99	10.87	10.64	9.62		7.52	10.99	10.99

FINAL - 2008 Japanese National Championship (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Jun-08	time	1.95	3.00	3.96	4.88	5.78	6.68	7.57	8.48	9.39	10.31	10.31	/ 1			
reaction time		interval		1.05	0.96	0.92	0.90	0.90	0.89	0.91	0.91	0.92		# of strides	3.96	2.72	2.71
wind	-0.2 m/s	velocity	5.13	9.52	10.42	10.87	11.11	11.11	11.24	10.99	10.99	10.87	9.70		7.58	11.03	11.07

A FINAL - 2008 Osaka Grand Prix (Osaka, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.92	3.01	4.01	4.96	5.89	6.83	7.77	8.72	9.70	10.71	10.71	/ 6			
reaction time		interval		1.09	1.00	0.95	0.93	0.94	0.94	0.95	0.98	1.01		# of strides	4.01	2.82	2.87
wind	0.8 m/s	velocity	5.21	9.17	10.00	10.53	10.75	10.64	10.64	10.53	10.20	9.90	9.34		7.48	10.64	10.45

FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	30-Sep-07	time	1.99	3.05	4.02	4.95	5.86	6.77	7.69	8.61	9.55	10.51	10.51	/ 3			
reaction time		interval		1.06	0.97	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	4.02	2.75	2.78
wind	-1.4 m/s	velocity	5.03	9.43	10.31	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.51		7.46	10.91	10.79

Quarter-Final 4 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.92	2.96	3.91	4.83	5.73	6.62	7.53	8.44	9.36	10.31	10.31	7 / 5			
reaction time	0.154	interval		1.04	0.95	0.92	0.90	0.89	0.91	0.91	0.92	0.95		# of strides	3.91	2.71	2.74
wind	-0.3 m/s	velocity	5.21	9.62	10.53	10.87	11.11	11.24	10.99	10.99	10.87	10.53	9.70	49.2	7.67	11.07	10.95

Heat 7 - 2007 IAAF World Championships (Osaka, JPN) *Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.87	2.92	3.87	4.78	5.68	6.57	7.47	8.36	9.27	10.20	10.20	3 / 2			
reaction time	0.132	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.89	0.91	0.93	PB	# of strides	3.87	2.70	2.70
wind	-0.1 m/s	velocity	5.35	9.52	10.53	10.99	11.11	11.24	11.11	11.24	10.99	10.75	9.80		7.75	11.11	11.11

FINAL - 2007 Japanese National Championships (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.92	2.99	3.95	4.88	5.79	6.69	7.58	8.49	9.41	10.34	10.34	/ 1			
reaction time		interval		1.07	0.96	0.93	0.91	0.90	0.89	0.91	0.92	0.93		# of strides	3.95	2.74	2.72
wind	-0.3 m/s	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.24	10.99	10.87	10.75	9.67		7.59	10.95	11.03

FINAL - 2007 Osaka Grand Prix (Osaka, JPN) *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	05-May-07	time	1.97	3.03	4.00	4.93	5.85	6.76	7.67	8.58	9.51	10.45	10.45	/ 4			
reaction time		interval		1.06	0.97	0.93	0.92	0.91	0.91	0.91	0.93	0.94		# of strides	4.00	2.76	2.75
wind	0.4 m/s	velocity	5.08	9.43	10.31	10.75	10.87	10.99	10.99	10.99	10.75	10.64	9.57		7.50	10.87	10.91

Tsukamoto, Justin Junpei (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	1.94	3.02	3.98	4.90	5.81	6.71	7.62	8.54	9.48	10.43	10.43	7 / 1			
reaction time		interval		1.08	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.95	PB	# of strides	3.98	2.73	2.77
wind	-0.3 m/s	velocity	5.15	9.26	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.53	9.59	47.2	7.54	10.99	10.83

FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-17	time			4.04			6.81			9.61	10.58	10.58	4 / 2			
reaction time	0.158	interval						2.77			2.80	0.97		# of strides	4.04	2.77	2.80
wind	-2.0 m/s	velocity			7.43			10.83			10.71	10.31	9.45		7.43	10.83	10.71

Tsukamoto, Kazuya (JPN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN) *Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	04-Aug-11	time					5.89	6.86	7.80	8.78	9.79	10.85	10.85	3 / 9			
reaction time		interval						0.97	0.94	0.98	1.01	1.06		# of strides			2.93
wind	-0.5 m/s	velocity					8.49	10.31	10.64	10.20	9.90	9.43	9.22				10.24

Tsuki. Katsuta (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time			4.10			6.80				10.77	10.77	7 / 1			
reaction time		interval						2.70				3.97		# of strides	4.10	2.70	
wind	2.1 m/s	velocity			7.32			11.11				10.08	9.29	48.5	7.32	11.11	

Tsunakawa, Hayato (JPN) (1993)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)														*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*			
date	04-Aug-11	time					5.91	6.85	7.78	8.74	9.71	10.70	10.70	5 / 4			
reaction time		interval						0.94	0.93	0.96	0.97	0.99		# of strides			2.86
wind	-0.5 m/s	velocity					8.46	10.64	10.75	10.42	10.31	10.10	9.35				10.49

Tsurumaki, Yota (JPN) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)														*Kishima (2022) - national high school championships biomechanics data collection*			
date	04-Aug-22	time	1.91	3.02	4.02	4.98	5.92	6.86	7.80	8.75	9.71	10.70	10.70	9 / 6			
reaction time	0.150	interval		1.11	1.00	0.96	0.94	0.94	0.94	0.95	0.96	0.99		# of strides	4.02	2.84	2.85
wind	-0.6 m/s	velocity	5.24	9.01	10.00	10.42	10.64	10.64	10.64	10.53	10.42	10.10	9.35	47.7	7.46	10.56	10.53

Tumi, Michael (ITA) (1990)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 European Indoor Championships (Göteborg, SWE)														*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	02-Mar-13	time		2.91		4.75		6.52					6.52	3 / 3			
reaction time	0.160	interval				1.84		1.77						# of strides			
wind		velocity		6.87		10.87		11.30					9.20	29.2			

Ueno, Masahide (JPN) (1983)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	10-May-08	time	1.99	3.03	3.97	4.90	5.81	6.73	7.65	8.59	9.55	10.55	10.55	/ 4			
reaction time		interval		1.04	0.94	0.93	0.91	0.92	0.92	0.94	0.96	1.00		# of strides	3.97	2.76	2.82
wind	0.8 m/s	velocity	5.03	9.62	10.64	10.75	10.99	10.87	10.87	10.64	10.42	10.00	9.48		7.56	10.87	10.64
FINAL - 2007 Japanese National Championships (Osaka, JPN)														*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*			
date	01-Jul-07	time	1.92	3.01	3.99	4.91	5.83	6.75	7.67	8.60	9.54	10.50	10.50	/ 3			
reaction time		interval		1.09	0.98	0.92	0.92	0.92	0.92	0.93	0.94	0.96		# of strides	3.99	2.76	2.79
wind	-0.3 m/s	velocity	5.21	9.17	10.20	10.87	10.87	10.87	10.87	10.75	10.64	10.42	9.52		7.52	10.87	10.75

Ujah, Chijindu (GBR) (1994)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)														*Omega Timing (2024) - diamond league race analysis*			
date	20-Jul-24	time	1.90	2.96	3.90	4.80	5.68	6.55	7.43	8.31	9.22	10.14	10.14	5 / 3			
reaction time	0.128	interval		1.06	0.94	0.90	0.88	0.87	0.88	0.88	0.91	0.92		# of strides	3.90	2.65	2.67
wind	2.1 m/s	velocity	5.26	9.43	10.64	11.11	11.36	11.49	11.36	11.36	10.99	10.87	9.86		7.69	11.32	11.24
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)														*Omega Timing (2021) - diamond league race analysis*			
date	13-Jul-21	time		3.0		4.8		6.6		8.3		10.10	10.10	2 / 2			
reaction time	0.156	interval				1.80		1.80		1.70		1.80		# of strides			
wind	0.4 m/s	velocity		6.67		11.11		11.11		11.76		11.11	9.90	45.2			
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														*Omega Timing (2021) - diamond league race analysis*			
date	04-Jul-21	time		3.0		4.8		6.6		8.3		10.10	10.10	6 / 3			
reaction time	0.150	interval				1.80		1.80		1.70		1.80		# of strides			
wind	-0.8 m/s	velocity		6.67		11.11		11.11		11.76		11.11	9.90	45.5			
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)														*Omega Timing (2021) - diamond league race analysis*			
date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.10	10.10	3 / 2			
reaction time	0.156	interval				1.90		1.70		1.80		1.70		# of strides			
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		11.76	9.90	45.7			
Semi-Final 3 - 2017 IAAF World Championships (London, GBR)														*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date	05-Aug-17	time	1.90	2.97	3.92	4.82	5.70	6.57	7.44	8.32	9.21	10.12	10.12	7 / 4			
reaction time	0.156	interval		1.07	0.95	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.92	2.65	2.64
wind	0.4 m/s	velocity	5.26	9.35	10.53	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.88	45.5	7.65	11.32	11.36

Ujhelyi, Michal (CZE) (1995)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)														*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date	25-Feb-12	time	2.11	3.29	4.36	5.40	6.41	7.44					7.44	7 / 6			
reaction time	0.142	interval		1.18	1.07	1.04	1.01	1.03						# of strides	4.36	3.08	
		velocity	4.74	8.47	9.35	9.62	9.90	9.71					8.06		6.88	9.74	

Ulianov, Vitalii (EST) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 Estonian National Championships (Tallinn, EST)														*Misjuk (2011) - running velocity dynamics in 100m sprint*			
date	21-Jul-06	time			4.08			7.17		9.10		11.12	11.12	/ 5			
reaction time		interval						3.09		1.93		2.02		# of strides	4.08	3.09	
wind	0.6 m/s	velocity			7.35			9.71		10.36		9.90	8.99		7.35	9.71	

Unger, Tobias (GER) (1979)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		2.97	3.93	4.85		6.69		8.52		10.42	10.42	5 / 4			
reaction time	0.133	interval			0.96	0.92		1.84		1.83		1.90		# of strides	3.93	2.76	
wind	-0.7 m/s	velocity		6.73	10.42	10.87		10.87		10.93		10.53	9.60		7.63	10.87	

FINAL - 2008 German National Championships (Nurnberg, GER) *Seeger (2010) - DLV B-Trainer Ausbildung - sprint*

date	05-Jul-08	time	2.95	3.89	4.79	6.56	8.35	10.20	10.20	/ 1			
reaction time		interval		0.94	0.90	1.77	1.79	1.85		# of strides	3.89	2.67	
wind	-0.2 m/s	velocity	6.78	10.64	11.11	11.30	11.17	10.81	9.80		7.71	11.24	

Uno, Daichi (JPN) (2000)

FINAL - 2017 Japanese High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-17	time		4.05		6.88			9.74	10.73	10.73	7 / 4			
reaction time	0.132	interval				2.83			2.86	0.99		# of strides	4.05	2.83	2.86
wind	-2.0 m/s	velocity		7.41		10.60			10.49	10.10	9.32		7.41	10.60	10.49

Uozato, Yusuke (JPN) (1994)

FINAL - 2012 Japanese National High School Championships (Niigata, JPN) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-12	time			5.92	6.83	7.75	8.70	9.66	10.65	10.65	1 / 6			
reaction time		interval				0.91	0.92	0.95	0.96	0.99		# of strides			2.83
wind	0.0 m/s	velocity			8.45	10.99	10.87	10.53	10.42	10.10	9.39				10.60

Urbánek, Petr (CZE) (1998)

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	28-Jun-14	time	3.23		5.34	7.43		9.54		11.76	11.76	8 / 6			
reaction time	0.177	interval			2.11	2.09		2.11		2.22		# of strides			
wind	-4.2 m/s	velocity	6.19		9.49	9.57		9.48		9.01	8.50				

Urena, Jorge (ESP) (1993)

Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	02-Aug-24	time	2.05	3.15	4.15	5.12	6.05	6.99	7.95	8.94	9.90	10.87	10.87	7 / 3			
reaction time	0.139	interval		1.10	1.00	0.97	0.93	0.94	0.96	0.99	0.96	0.97		# of strides	4.15	2.84	2.91
wind	0.9 m/s	velocity	4.88	9.09	10.00	10.31	10.75	10.64	10.42	10.10	10.42	10.31	9.20	46.5	7.23	10.56	10.31

Ushiro, Keisuke (JPN) (1986)

Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championsips (Akita, JPN) *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	10-Jun-23	time	2.17	3.35	4.42	5.46	6.50	7.53	8.58	9.64	10.72	11.82	11.82	3 / 7			
reaction time		interval		1.18	1.07	1.04	1.04	1.03	1.05	1.06	1.08	1.10		# of strides	4.42	3.11	3.19
wind	-0.4 m/s	velocity	4.61	8.47	9.35	9.62	9.62	9.71	9.52	9.43	9.26	9.09	8.46		6.79	9.65	9.40

Decathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN) *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	06-May-23	time	2.09	3.27	4.34	5.38	6.40	7.42	8.45	9.50	10.57	11.68	11.68	8 / 7			
reaction time	0.177	interval		1.18	1.07	1.04	1.02	1.02	1.03	1.05	1.07	1.11		# of strides	4.34	3.08	3.15
wind	0.6 m/s	velocity	4.78	8.47	9.35	9.62	9.80	9.80	9.71	9.52	9.35	9.01	8.56		6.91	9.74	9.52

Decathlon - FINAL - 2022 Japanese Multi-Event National Championsips (Akita, JPN) *Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	04-Jun-22	time	2.05	3.20	4.26	5.28	6.28	7.28	8.30	9.32	10.37	11.45	11.45	2 / 9			
reaction time		interval		1.15	1.06	1.02	1.00	1.00	1.02	1.02	1.05	1.08		# of strides	4.26	3.02	3.09
wind	0.1 m/s	velocity	4.88	8.70	9.43	9.80	10.00	10.00	9.80	9.80	9.52	9.26	8.73		7.04	9.93	9.71

Decathlon - Heat 1 - 2020 Japanese Multi-Event National Championships (Nagano, JPN) *Matsubayashi (2020) - research on athlete performance and technique- 2020 data book*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	26-Sep-20	time	2.05	3.20	4.25	5.26	6.26	7.25	8.26	9.29	10.34	11.41	11.41	5 / 4			
reaction time		interval		1.15	1.05	1.01	1.00	0.99	1.01	1.03	1.05	1.07		# of strides	4.25	3.00	3.09
wind	0.2 m/s	velocity	4.88	8.70	9.52	9.90	10.00	10.10	9.90	9.71	9.52	9.35	8.76		7.06	10.00	9.71

Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN) *Matsubayashi (2019) - research athlete performance technique- 2019 databook*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	08-Jun-19	time	2.03	3.18	4.22	5.22	6.21	7.20	8.20	9.21	10.25	11.32	11.32	6 / 3			
reaction time		interval		1.15	1.04	1.00	0.99	0.99	1.00	1.01	1.04	1.07		# of strides	4.22	2.98	3.05
wind	0.0 m/s	velocity	4.93	8.70	9.62	10.00	10.10	10.10	10.00	9.90	9.62	9.35	8.83		7.11	10.07	9.84

Decathlon - Heat 1 - 2018 Japanese National Multi-Event Championships (Nagano, JPN) *Matsubayashi (2018) - research on athlete performance and technique*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	16-Jun-18	time	2.00	3.14	4.17	5.16	6.14	7.12	8.10	9.11	10.14	11.21	11.21	7 / 4			
reaction time		interval		1.14	1.03	0.99	0.98	0.98	0.98	1.01	1.03	1.07		# of strides	4.17	2.95	3.02
wind	3.2 m/s	velocity	5.00	8.77	9.71	10.10	10.20	10.20	10.20	9.90	9.71	9.35	8.92		7.19	10.17	9.93

Decathlon - Heat 1 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) *Matsubayashi (2018) - research on athlete performance and technique*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	21-Apr-18	time	2.00	3.16	4.23	5.28	6.32	7.36	8.41	9.47	10.54	11.62	11.62	5 / 1			
reaction time		interval		1.16	1.07	1.05	1.04	1.04	1.05	1.06	1.07	1.08		# of strides	4.23	3.13	3.18
wind	-4.4 m/s	velocity	5.00	8.62	9.35	9.52	9.62	9.62	9.52	9.43	9.35	9.26	8.61		7.09	9.58	9.43

Decathlon - Heat 2 - 2016 Wakayama Grand Prix (Wakayama, JPN) *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Apr-16	time	2.02	3.14	4.16	5.17	6.16	7.16	8.17	9.20	10.25	11.32	11.32	5 / 3			
reaction time		interval		1.12	1.02	1.01	0.99	1.00	1.01	1.03	1.05	1.07		# of strides	4.16	3.00	3.09
wind	-1.3 m/s	velocity	4.95	8.93	9.80	9.90	10.10	10.00	9.90	9.71	9.52	9.35	8.83		7.21	10.00	9.71

Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN) *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

date	04-Jul-15	time	2.02	3.14	4.16	5.17	6.16	7.16	8.17	9.20	10.25	11.32	11.32	??			
reaction time		interval		1.12	1.02	1.01	0.99	1.00	1.01	1.03	1.05	1.07		# of strides	4.16	3.00	3.09
wind	0.3 m/s	velocity	4.95	8.93	9.80	9.90	10.10	10.00	9.90	9.71	9.52	9.35	8.83		7.21	10.00	9.71

Decathlon - Heat 2 - 2015 Wakayama Grand Prix (Wakayama, JPN) *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

date	25-Apr-15	time	2.03	3.15	4.18	5.17	6.15	7.12	8.11	9.11	10.13	11.18	11.18	6 / 4			
reaction time		interval		1.12	1.03	0.99	0.98	0.97	0.99	1.00	1.02	1.05		# of strides	4.18	2.94	3.01
wind	1.7 m/s	velocity	4.93	8.93	9.71	10.10	10.20	10.31	10.10	10.00	9.80	9.52	8.94		7.18	10.20	9.97

Decathlon - Heat 1 - 2014 Asian Games (Incheon, KOR) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	29-Sep-14	time	2.03	3.14	4.15	5.13	6.10	7.07	8.04	9.03	10.04	11.10	11.10	/ 5			
reaction time		interval		1.11	1.01	0.98	0.97	0.97	0.97	0.99	1.01	1.06		# of strides	4.15	2.92	2.97
wind	2.1 m/s	velocity	4.93	9.01	9.90	10.20	10.31	10.31	10.31	10.10	9.90	9.43	9.01		7.23	10.27	10.10

Decathlon - Heat 2 - 2014 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	31-May-14	time	2.07	3.19	4.22	5.21	6.19	7.17	8.16	9.17	10.19	11.24	11.24	4 / 4			
reaction time		interval		1.12	1.03	0.99	0.98	0.98	0.99	1.01	1.02	1.05		# of strides	4.22	2.95	3.02
wind	-0.6 m/s	velocity	4.83	8.93	9.71	10.10	10.20	10.20	10.10	9.90	9.80	9.52	8.90		7.11	10.17	9.93

Decathlon - Heat 2 - 2014 Nittai University Distance Meeting (Wakayama, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	26-Apr-14	time	2.02	3.13	4.15	5.14	6.12	7.10	8.08	9.08	10.09	11.14	11.14	4 / 3			
reaction time		interval		1.11	1.02	0.99	0.98	0.98	0.98	1.00	1.01	1.05	PB	# of strides	4.15	2.95	2.99
wind	-0.5 m/s	velocity	4.95	9.01	9.80	10.10	10.20	10.20	10.20	10.00	9.90	9.52	8.98		7.23	10.17	10.03

Decathlon - Heat 2 - 2013 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	01-Jun-13	time	2.07	3.21	4.26	5.28	6.30	7.33	8.37	9.42	10.49	11.58	11.58	7 / 5			
reaction time		interval		1.14	1.05	1.02	1.02	1.03	1.04	1.05	1.07	1.09		# of strides	4.26	3.07	3.16
wind	-2.8 m/s	velocity	4.83	8.77	9.52	9.80	9.80	9.71	9.62	9.52	9.35	9.17	8.64		7.04	9.77	9.49

Decathlon - Heat 2 - 2013 Wakayama Athletics Meeting (Wakayama, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	26-Apr-13	time	2.09	3.24	4.29	5.29	6.30	7.30	8.32	9.35	10.39	11.47	11.47	5 / 7			
reaction time		interval		1.15	1.05	1.00	1.01	1.00	1.02	1.03	1.04	1.08		# of strides	4.29	3.01	3.09
wind	1.0 m/s	velocity	4.78	8.70	9.52	10.00	9.90	10.00	9.80	9.71	9.62	9.26	8.72		6.99	9.97	9.71

Decathlon - Heat 2 - 2012 Olympic Games (London, GBR) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	08-Aug-12	time	1.99	3.14	4.19	5.20	6.19	7.18	8.19	9.21	10.25	11.32	11.32	8 / 5			
reaction time	0.183	interval		1.15	1.05	1.01	0.99	0.99	1.01	1.02	1.04	1.07		# of strides	4.19	2.99	3.07
wind	0.7 m/s	velocity	5.03	8.70	9.52	9.90	10.10	10.10	9.90	9.80	9.62	9.35	8.83	46.7	7.16	10.03	9.77

Decathlon - Heat 2 - 2012 Japanese Multi-Event National Championships (Nagano, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	02-Jun-12	time	2.06	3.17	4.20	5.20	6.18	7.17	8.16	9.18	10.22	11.29	11.29	5 / 6			
reaction time		interval		1.11	1.03	1.00	0.98	0.99	0.99	1.02	1.04	1.07		# of strides	4.20	2.97	3.05
wind	1.2 m/s	velocity	4.85	9.01	9.71	10.00	10.20	10.10	10.10	9.80	9.62	9.35	8.86		7.14	10.10	9.84

Decathlon - Heat ?? - 2012 Tokyo Athletics Championships (Chofu, JPN) *Takeo (2014) - decathletes sprint ability and relationship of individual performance*

date	21-Apr-12	time	2.10	3.23	4.27	5.28	6.27	7.27	8.28	9.30	10.34	11.41	11.41	???			
reaction time		interval		1.13	1.04	1.01	0.99	1.00	1.01	1.02	1.04	1.07		# of strides	4.27	3.00	3.07
wind	0.6 m/s	velocity	4.76	8.85	9.62	9.90	10.10	10.00	9.90	9.80	9.62	9.35	8.76		7.03	10.00	9.77

Decathlon - Heat ?? - 2011 Japanese Multi-Event National Championships (Kawasaki, JPN) *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

date	04-Jun-11	time	2.08	3.22	4.28	5.29	6.30	7.29	8.29	9.31	10.33	11.39	11.39	???			
reaction time		interval		1.14	1.06	1.01	1.01	0.99	1.00	1.02	1.02	1.06		# of strides	4.28	3.01	3.04
wind	-1.1 m/s	velocity	4.81	8.77	9.43	9.90	9.90	10.10	10.00	9.80	9.80	9.43	8.78		7.01	9.97	9.87

Decathlon - Heat 1 - 2011 Wakayama Athletics Meeting (Wakayama, JPN) *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

date	23-Apr-11	time	2.09	3.21	4.24	5.24	6.24	7.25	8.27	9.30	10.32	11.37	11.37	9 / 3			
reaction time		interval		1.12	1.03	1.00	1.00	1.01	1.02	1.03	1.02	1.05		# of strides	4.24	3.01	3.07
wind	-1.6 m/s	velocity	4.78	8.93	9.71	10.00	10.00	9.90	9.80	9.71	9.80	9.52	8.80		7.08	9.97	9.77

Decathlon - Heat ?? - 2010 Japanese Multi-Event National Championships (Kawasaki, JPN) *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

date	12-Jun-10	time	2.04	3.17	4.21	5.23	6.25	7.26	8.27	9.31	10.36	11.45	11.45	???			
reaction time		interval		1.13	1.04	1.02	1.02	1.01	1.01	1.04	1.05	1.09		# of strides	4.21	3.05	3.10
wind	-0.9 m/s	velocity	4.90	8.85	9.62	9.80	9.80	9.90	9.90	9.62	9.52	9.17	8.73		7.13	9.84	9.68

Decathlon - Heat 1 - 2010 Wakayama Athletics Meeting (Wakayama, JPN) *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

date	24-Apr-10	time	2.02	3.15	4.19	5.20	6.19	7.19	8.18	9.19	10.22	11.27	11.27	3 / 6			
reaction time		interval		1.13	1.04	1.01	0.99	1.00	0.99	1.01	1.03	1.05	PB	# of strides	4.19	3.00	3.03
wind	1.9 m/s	velocity	4.95	8.85	9.62	9.90	10.10	10.00	10.10	9.90	9.71	9.52	8.87		7.16	10.00	9.90

Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN) *Hisashi (2010) - the run performance analysis in the decathlon sprint events*

date	25-Jun-09	time	2.04	3.18	4.23	5.25	6.25	7.26	8.28	9.32	10.39	11.48	11.48	8 / 8			
reaction time		interval		1.14	1.05	1.02	1.00	1.01	1.02	1.04	1.07	1.09		# of strides	4.23	3.03	3.13

wind	0.5 m/s	velocity	4.90	8.77	9.52	9.80	10.00	9.90	9.80	9.62	9.35	9.17	8.71		7.09	9.90	9.58

Uzawa, Towa (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)												*Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*			
date 05-Aug-19 time	1.92	2.98	3.93	4.83	5.71	6.59	7.47	8.36	9.26	10.19	10.19	5 / 1			
reaction time interval		1.06	0.95	0.90	0.88	0.88	0.88	0.89	0.90	0.93		# of strides	3.93	2.66	2.67
wind 2.9 m/s velocity	5.21	9.43	10.53	11.11	11.36	11.36	11.36	11.24	11.11	10.75	9.81	47.2	7.63	11.28	11.24

Vaden, Jordan (USA) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06 time	2.01	3.08	4.01	4.89	5.79	6.69	7.54	8.48	9.36	10.27	10.27	3 / ~~4~~ 3			
reaction time interval		1.07	0.93	0.88	0.90	0.90	0.85	0.94	0.88	0.91		# of strides	4.01	2.68	2.67
wind -1.2 m/s velocity	4.98	9.35	10.75	11.36	11.11	11.11	11.76	10.64	11.36	10.99	9.74	45.0	7.48	11.19	11.24
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06 time	1.90	2.97	3.90	4.82	5.71	6.59	7.46	8.38	9.33	10.24	10.24	6 / 2			
reaction time interval		1.07	0.93	0.92	0.89	0.88	0.87	0.92	0.95	0.91		# of strides	3.90	2.69	2.74
wind -1.2 m/s velocity	5.26	9.35	10.75	10.87	11.24	11.36	11.49	10.87	10.53	10.99	9.77	46.0	7.69	11.15	10.95

van de Cloodt, Niels (BEL) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)												*Omega Timing (2023) - diamond league race analysis*			
date 08-Sep-23 time	2.05	3.16	4.18	5.15	6.12	7.09	8.06	9.05	10.05	11.07	11.07	5 / 2			
reaction time 0.172 interval		1.11	1.02	0.97	0.97	0.97	0.97	0.99	1.00	1.02		# of strides	4.18	2.91	2.96
wind -0.4 m/s velocity	4.88	9.01	9.80	10.31	10.31	10.31	10.31	10.10	10.00	9.80	9.03		7.18	10.31	10.14

Van den Hend, Mulamba (BEL) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.22			7.08		8.98		10.95	10.95	6 / 4			
reaction time interval						2.86		1.90		1.97		# of strides	4.22	2.86	
wind 2.1 m/s velocity			7.11			10.49		10.53		10.15	9.13		7.11	10.49	

van der Graaf, Cedrych (NED) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat 1 - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	1.96	3.04	4.02	4.96	5.89	6.81	7.73	8.67	9.62	10.60	10.60	1 / 6			
reaction time 0.137 interval		1.08	0.98	0.94	0.93	0.92	0.92	0.94	0.95	0.98	PB	# of strides	4.02	2.79	2.81
wind 0.1 m/s velocity	5.10	9.26	10.20	10.64	10.75	10.87	10.87	10.64	10.53	10.20	9.43		7.46	10.75	10.68

van Gool, Joris (NED) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat 1 - 2023 FBK Games (Hengelo, NED)												*Omega Timing (2023) - continental tour race analysis*			
date 04-Jun-23 time	1.92	2.98	3.94	4.86	5.78	6.69	7.60	8.52	9.44	10.39	10.39	3 / 2			
reaction time 0.143 interval		1.06	0.96	0.92	0.92	0.91	0.91	0.92	0.92	0.95		# of strides	3.94	2.75	2.75
wind 0.1 m/s velocity	5.21	9.43	10.42	10.87	10.87	10.99	10.99	10.87	10.87	10.53	9.62		7.61	10.91	10.91
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2022) - diamond league race analysis*			
date 30-Jun-22 time		3.03		4.89		6.69		8.51		10.38	10.38	1 / 6			
reaction time 0.157 interval				1.86		1.80		1.82		1.87		# of strides			
wind -0.5 m/s velocity		6.60		10.75		11.11		10.99		10.70	9.63	47.0			
FINAL - 2022 FBK Games (Hengelo, NED)												*Omega Timing (2022) - continental tour race analysis*			
date 06-Jun-22 time		2.9		4.8		6.6		8.4		10.38	10.38	8 / 5			
reaction time 0.141 interval				1.90		1.80		1.80		1.98		# of strides			
wind -0.3 m/s velocity		6.90		10.53		11.11		11.11		10.10	9.63	47.0			

van Luijk, Patrick (NED) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 14-Jun-09 time		3.10	4.10	5.04		6.88		8.72		10.53	10.53	/ 2			
reaction time 0.226 interval			1.00	0.94		1.84		1.84		1.81		# of strides	4.10	2.78	
wind 1.5 m/s velocity		6.45	10.00	10.64		10.87		10.87		11.05	9.50		7.32	10.79	

van Raemdonck, Kobe (BEL) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)												*Omega Timing (2023) - diamond league race analysis*			
date 08-Sep-23 time	2.04	3.19	4.22	5.20	6.18	7.16	8.15	9.15	10.18	11.22	11.22	7 / 5			
reaction time 0.160 interval		1.15	1.03	0.98	0.98	0.98	0.99	1.00	1.03	1.04		# of strides	4.22	2.94	3.02
wind -0.4 m/s velocity	4.90	8.70	9.71	10.20	10.20	10.20	10.10	10.00	9.71	9.62	8.91		7.11	10.20	9.93

van Tonder, Le Roux (RSA) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)												*Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*			
date 10-Feb-09 time			4.04		5.93	6.88					6.88	8 / 8			
reaction time 0.138 interval					1.89	0.95						# of strides	4.04	2.84	
velocity			7.43		10.58	10.53					8.72	29.7	7.43	10.56	

Van Wyk, Isaak (RSA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

F FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time		4.21		7.12		9.02		10.95	10.95	1 / 1		
reaction time		interval				2.91		1.90		1.93		# of strides	4.21	2.91
wind	3.0 m/s	velocity		7.13		10.31		10.53		10.36	9.13		7.13	10.31

Vandezande, Rune (BEL) (2007)

U18 FINAL - 2023 Memorial van Damme (Brussels, BEL) *Omega Timing (2023) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 08-Sep-23	time	2.03	3.15	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.99	10.99	2 / 1			
reaction time 0.137	interval		1.12	1.01	0.97	0.96	0.95	0.97	0.97	1.00	1.01	PB	# of strides	4.16	2.88	2.94
wind -0.4 m/s	velocity	4.93	8.93	9.90	10.31	10.42	10.53	10.31	10.31	10.00	9.90	9.10		7.21	10.42	10.20

Verherstraeten, Simon (BEL) (1999)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 14-Sep-24	time	1.93	2.99	3.94	4.85	5.74	6.64	7.54	8.45	9.38	10.33	10.33	4 / 4			
reaction time 0.128	interval		1.06	0.95	0.91	0.89	0.90	0.90	0.91	0.93	0.95		# of strides	3.94	2.70	2.74
wind 0.0 m/s	velocity	5.18	9.43	10.53	10.99	11.24	11.11	11.11	10.99	10.75	10.53	9.68		7.61	11.11	10.95

Vermont, Dylan (FRA) (1999)

National FINAL - 2024 London Athletics Meet (London, GBR) *Omega Timing (2024) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 20-Jul-24	time	1.97	3.06	4.02	4.94	5.83	6.71	7.59	8.49	9.39	10.31	10.31	2 / 5			
reaction time 0.137	interval		1.09	0.96	0.92	0.89	0.88	0.88	0.90	0.90	0.92		# of strides	4.02	2.69	2.68
wind 2.1 m/s	velocity	5.08	9.17	10.42	10.87	11.24	11.36	11.36	11.11	11.11	10.87	9.70		7.46	11.15	11.19

Vesely, Martin (CZE) (1995)

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 28-Jun-14	time		3.17		5.23		7.23		9.30		11.48	11.48	2 / 4			
reaction time 0.146	interval				2.06		2.00		2.07		2.18		# of strides			
wind -2.5 m/s	velocity		6.31		9.71		10.00		9.66		9.17	8.71				

Vicaut, Jimmy (FRA) (1992)

FINAL - 2023 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2023) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 02-Jul-23	time	1.97	3.10	4.11	5.11	6.13	7.20	8.36	9.67	11.25	13.34	13.34	1 / 8			
reaction time 0.159	interval		1.13	1.01	1.00	1.02	1.07	1.16	1.31	1.58	2.09		# of strides	4.11	3.09	4.05
wind 1.0 m/s	velocity	5.08	8.85	9.90	10.00	9.80	9.35	8.62	7.63	6.33	4.78	7.50		7.30	9.71	7.41

FINAL - 2022 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2022) - diamond league race analysis*

date	30-Jun-22	time		3.04		4.89		6.66		8.42		10.19	10.19	7 / 3
reaction time	0.164	interval				1.85		1.77		1.76		1.77		# of strides
wind	-0.5 m/s	velocity		6.58		10.81		11.30		11.36		11.30	9.81	46.0

FINAL - 2022 Meeting de Paris (Paris, FRA) *Omega Timing (2022) - diamond league race analysis*

date	18-Jun-22	time		3.01		4.89		6.70		8.50		10.34	10.34	3 / 3
reaction time	0.144	interval				1.88		1.81		1.80		1.84		# of strides
wind	-1.6 m/s	velocity		6.64		10.64		11.05		11.11		10.87	9.67	

FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) *Omega Timing (2021) - diamond league race analysis*

date	09-Jul-21	time		3.1		5.0		6.7		8.4		10.17	10.17	8 / --
reaction time	0.216	interval				1.90		1.70		1.70		1.77	DQ	# of strides
wind	0.3 m/s	velocity		6.45		10.53		11.76		11.76		11.30	9.83	46.0

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

date	12-Jul-19	time					5.8					10.17	10.17	8 / 6
reaction time	0.160	interval										4.37		# of strides
wind	0.3 m/s	velocity					8.62					11.44	9.83	46.2

FINAL - 2017 IAAF World Championships (London, GBR) *Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final*

date	05-Aug-17	time	1.95	2.98	3.88	4.77	5.64	6.51	7.39	8.28	9.18	10.08	10.08	3 / 6		
reaction time	0.152	interval		1.03	0.90	0.89	0.87	0.87	0.88	0.89	0.90	0.90		# of strides	3.88	2.63	2.67
wind	-0.8 m/s	velocity	5.13	9.71	11.11	11.24	11.49	11.49	11.36	11.24	11.11	11.11	9.92	46.5	7.73	11.41	11.24

FINAL - 2015 Areva Diamond League Meeting (Saint-Denis, FRA) *Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/*

date	04-Jul-15	time			3.87			6.44		8.13		9.86	9.86	3 / 2		
reaction time		interval						2.57		1.69		1.73	=AR	# of strides	3.87	2.57
wind	1.3 m/s	velocity			7.75			11.67		11.83		11.56	10.14	45.2	7.75	11.67

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	02-Mar-13	time		2.91		4.74		6.48					6.48	6 / 1		
reaction time	0.153	interval				1.83		1.74					PB	# of strides		
		velocity		6.87		10.93		11.49					9.26	29.7		

FINAL - 2011 IAAF World Championships (Daegu, KOR) *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

date	28-Aug-11	time		2.92	3.90	4.81	5.71	6.59	7.48	8.38	9.32	10.27	10.27	1 / 6		

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

reaction time	0.162	interval			0.98	0.91	0.90	0.88	0.89	0.90	0.94	0.95		# of strides	3.90	2.69	2.73
wind	-1.4 m/s	velocity		6.85	10.20	10.99	11.11	11.36	11.24	11.11	10.64	10.53	9.74	46.0	7.69	11.15	10.99

Vleminckx, Kobe (BEL) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational - 2024 Memorial van damme (Brussels, BEL)												*Omega Timing (2024) - diamond league race analysis*			
date 14-Sep-24 time	1.93	2.98	3.93	4.85	5.75	6.64	7.55	8.45	9.37	10.29	10.29	6 / 2			
reaction time 0.121 interval		1.05	0.95	0.92	0.90	0.89	0.91	0.90	0.92	0.92		# of strides	3.93	2.71	2.73
wind 0.0 m/s velocity	5.18	9.52	10.53	10.87	11.11	11.24	10.99	11.11	10.87	10.87	9.72		7.63	11.07	10.99

von Barth, Emil (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.07			6.91		8.79		10.76	10.76	4 / 4			
reaction time interval						2.84		1.88		1.97		# of strides	4.07	2.84	
wind 0.3 m/s velocity			7.37			10.56		10.64		10.15	9.29		7.37	10.56	

Vondráček, Jan (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	2.13	3.28	4.33	5.35	6.32	7.32					7.32	7 / 6			
reaction time 0.150 interval		1.15	1.05	1.02	0.97	1.00						# of strides	4.33	2.99	
velocity	4.69	8.70	9.52	9.80	10.31	10.00					8.20		6.93	10.03	

Vostatek, Jakub (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.31		5.47		7.57		9.68		11.87	11.87	1 / 5			
reaction time 0.161 interval				2.16		2.10		2.11		2.19		# of strides			
wind -3.6 m/s velocity		6.04		9.26		9.52		9.48		9.13	8.42				

Vojtek, Matouš (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.33		5.54		7.76		9.93		12.21	12.21	7 / 7			
reaction time 0.166 interval				2.21		2.22		2.17		2.28		# of strides			
wind -3.9 m/s velocity		6.01		9.05		9.01		9.22		8.77	8.19				

Vojtík, Jirí (CZE) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.97	3.11	4.12	5.11	6.04	7.00					7.00	6 / 5			
reaction time 0.113 interval		1.14	1.01	0.99	0.93	0.96						# of strides	4.12	2.88	
velocity	5.08	8.77	9.90	10.10	10.75	10.42					8.57		7.28	10.42	
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12 time	1.98	3.14	4.13	5.06	6.03	7.00					7.00	3 / 3			
reaction time 0.129 interval		1.16	0.99	0.93	0.97	0.97						# of strides	4.13	2.87	
velocity	5.05	8.62	10.10	10.75	10.31	10.31					8.57		7.26	10.45	

Wada, Ryo (JPN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Apr-24 time	1.91	2.96	3.92	4.83	5.74	6.64	7.54	8.45	9.38	10.31	10.31	10 / 5			
reaction time 0.153 interval		1.05	0.96	0.91	0.91	0.90	0.90	0.91	0.93	0.93		# of strides	3.92	2.72	2.74
wind -0.6 m/s velocity	5.24	9.52	10.42	10.99	10.99	11.11	11.11	10.99	10.75	10.75	9.70	48.0	7.65	11.03	10.95

Wahlgren, Milo (SWE) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jul-23 time	2.00	3.09	4.10	5.05	6.00	6.95	7.89	8.84	9.82	10.81	10.81	8 / 8			
reaction time 0.140 interval		1.09	1.01	0.95	0.95	0.95	0.94	0.95	0.98	0.99		# of strides	4.10	2.85	2.87
wind -0.1 m/s velocity	5.00	9.17	9.90	10.53	10.53	10.53	10.64	10.53	10.20	10.10	9.25		7.32	10.53	10.45

Wahn, Erik (SWE) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.18			7.07		9.01		11.02	11.02	/ 8			
reaction time interval						2.89		1.94		2.01		# of strides	4.18	2.89	
wind 1.4 m/s velocity			7.18			10.38		10.31		9.95	9.07		7.18	10.38	

Wall, Fredrik (SWE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
F FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.32			7.29				11.36	11.36	7 / 4			
reaction time interval						2.97				4.07	**PB**	# of strides	4.32	2.97	
wind 1.5 m/s velocity			6.94			10.10				9.83	8.80		6.94	10.10	

Walser, Andreas (GER) (1996) (T12)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23 time	2.14	3.32	4.38	5.41	6.42	7.43	8.46	9.49	10.55	11.65	11.65	6 / 6			
reaction time 0.175 interval		1.18	1.06	1.03	1.01	1.01	1.03	1.03	1.06	1.10		# of strides	4.38	3.05	3.12

wind	0.0 m/s	velocity	4.67	8.47	9.43	9.71	9.90	9.90	9.71	9.71	9.43	9.09	8.58	46.0	6.85	9.84	9.62

Walter, Keitavious (USA) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)												*PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*			
date 25-Jan-19 time	2.11	3.13	4.06	4.96	5.85	6.61					6.61	1 / 2			
reaction time interval		1.02	0.93	0.90	0.89	0.76						# of strides	4.06	2.55	
velocity	4.74	9.80	10.75	11.11	11.24	13.16					9.08	31.0	7.39	11.76	

Waltersson, Jonathan (SWE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13 time			4.19			7.05		8.93		10.89	10.89	6 / 3			
reaction time interval						2.86		1.88		1.96		# of strides	4.19	2.86	
wind 2.8 m/s velocity			7.16			10.49		10.64		10.20	9.18		7.16	10.49	
D FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11 time			4.14			7.00		8.88		10.82	10.82	4 / 2			
reaction time interval						2.86		1.88		1.94		# of strides	4.14	2.86	
wind 1.6 m/s velocity			7.25			10.49		10.64		10.31	9.24		7.25	10.49	
D FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10 time			4.21			7.20		9.15		11.16	11.16	/ 2			
reaction time interval						2.99		1.95		2.01		# of strides	4.21	2.99	
wind 2.8 m/s velocity			7.13			10.03		10.26		9.95	8.96		7.13	10.03	
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09 time			4.32			7.24		9.19		11.21	11.21	/ 3			
reaction time interval						2.92		1.95		2.02		# of strides	4.32	2.92	
wind 3.0 m/s velocity			6.94			10.27		10.26		9.90	8.92		6.94	10.27	
D FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.28			7.28		9.25		11.28	11.28	/ 1			
reaction time interval						3.00		1.97		2.03		# of strides	4.28	3.00	
wind -0.8 m/s velocity			7.01			10.00		10.15		9.85	8.87		7.01	10.00	

Wang Chenwei (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)												*Shandong Athletics Sport Science (2023)*			
date 26-Apr-23 time	1.99	3.09	4.14	5.14	6.12	7.07	8.05	9.04	10.06	11.11	11.11	2 / 8			
reaction time 0.143 interval		1.10	1.05	1.00	0.98	0.95	0.98	0.99	1.02	1.05		# of strides	4.14	2.93	2.99
wind 0.8 m/s velocity	5.03	9.09	9.52	10.00	10.20	10.53	10.20	10.10	9.80	9.52	9.00	49.0	7.25	10.24	10.03
Heat 10 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 28-Feb-23 time	2.07	3.21	4.27	5.25	6.22	7.24					7.24	6 / 5			
reaction time 0.176 interval		1.14	1.06	0.98	0.97	1.02						# of strides	4.27	2.97	
velocity	4.83	8.77	9.43	10.20	10.31	9.80					8.29	31.0	7.03	10.10	
Heat 12 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 25-Feb-23 time	2.02	3.17	4.22	5.20	6.16	7.16					7.16	1 / 4			
reaction time 0.157 interval		1.15	1.05	0.98	0.96	1.00						# of strides	4.22	2.94	
velocity	4.95	8.70	9.52	10.20	10.42	10.00					8.38	31.0	7.11	10.20	

Wang Fujie (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.10	3.27	4.38	5.44	6.55						12.13	2 / 8			
reaction time 0.172 interval		1.17	1.11	1.06	1.11							# of strides	4.38		
wind -0.1 m/s velocity	4.76	8.55	9.01	9.43	9.01						8.24		6.85		

Wang Qi (CHN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 11 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	2.02	3.07	4.06	5.01	5.94	6.85	7.78	8.70	9.66	10.64	10.64	5 / 2			
reaction time interval		1.05	0.99	0.95	0.93	0.91	0.93	0.92	0.96	0.98		# of strides	4.06	2.79	2.81
wind -0.7 m/s velocity	4.95	9.52	10.10	10.53	10.75	10.99	10.75	10.87	10.42	10.20	9.40	49.2	7.39	10.75	10.68

Wang Shaobo (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.02	3.13	4.14	5.10	6.07	7.01	7.97	8.96	9.94	10.98	10.98	1 / 7			
reaction time 0.198 interval		1.11	1.01	0.96	0.97	0.94	0.96	0.99	0.98	1.04		# of strides	4.14	2.87	2.93
wind -0.1 m/s velocity	4.95	9.01	9.90	10.42	10.31	10.64	10.42	10.10	10.20	9.62	9.11	48.0	7.25	10.45	10.24

Wang Shengjie (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24 time	1.95	3.04	3.97	4.90	5.78	6.69	7.58	8.50	9.44	10.37	10.37	5 / 7			
reaction time 0.146 interval		1.09	0.93	0.93	0.88	0.91	0.89	0.92	0.94	0.93		# of strides	3.97	2.72	2.75

wind	0.6 m/s	velocity	5.13	9.17	10.75	10.75	11.36	10.99	11.24	10.87	10.64	10.75	9.64	50.7	7.56	11.03	10.91

Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	1.97	3.02	3.98	4.89	5.79	6.66	7.54	8.43	9.33	10.23	10.23	7 / 1			
reaction time	0.163	interval		1.05	0.96	0.91	0.90	0.87	0.88	0.89	0.90	0.90	PB	# of strides	3.98	2.68	2.67
wind	0.7 m/s	velocity	5.08	9.52	10.42	10.99	11.11	11.49	11.36	11.24	11.11	11.11	9.78	51.0	7.54	11.19	11.24

Heat 3 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	14-Sep-24	time	1.91	2.98	3.94	4.89	5.80	6.70	7.60	8.51	9.42	10.45	10.45	5 / 2			
reaction time	0.161	interval		1.07	0.96	0.95	0.91	0.90	0.90	0.91	0.91	1.03		# of strides	3.94	2.76	2.72
wind	-0.3 m/s	velocity	5.24	9.35	10.42	10.53	10.99	11.11	11.11	10.99	10.99	9.71	9.57	47.7	7.61	10.87	11.03

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	1.95	2.99	3.93	4.87	5.76	6.65	7.53	8.43	9.36	10.26	10.26	3 / 2			
reaction time	0.150	interval		1.04	0.94	0.94	0.89	0.89	0.88	0.90	0.93	0.90	PB	# of strides	3.93	2.72	2.71
wind	1.1 m/s	velocity	5.13	9.62	10.64	10.64	11.24	11.24	11.36	11.11	10.75	11.11	9.75	51.0	7.63	11.03	11.07

Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	28-Jun-24	time	1.97	3.02	3.98	4.93	5.85	6.75	7.65	8.54	9.45	10.41	10.41	7 / 3			
reaction time	0.148	interval		1.05	0.96	0.95	0.92	0.90	0.90	0.89	0.91	0.96		# of strides	3.98	2.77	2.70
wind	0.0 m/s	velocity	5.08	9.52	10.42	10.53	10.87	11.11	11.11	11.24	10.99	10.42	9.61	51.2	7.54	10.83	11.11

Heat 10 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	01-Jun-24	time	2.00	3.13	4.18	5.15	6.12	7.09	8.05	9.02	10.01	11.05	11.05	6 / 7			
reaction time	0.147	interval		1.13	1.05	0.97	0.97	0.97	0.96	0.97	0.99	1.04		# of strides	4.18	2.91	2.92
wind	0.9 m/s	velocity	5.00	8.85	9.52	10.31	10.31	10.31	10.42	10.31	10.10	9.62	9.05	47.2	7.18	10.31	10.27

FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	2.00	3.07	4.03	4.93	5.81	6.70	7.59	8.50	9.41	10.33	10.33	1 / 5			
reaction time	0.181	interval		1.07	0.96	0.90	0.88	0.89	0.89	0.91	0.91	0.92	PB	# of strides	4.03	2.67	2.71
wind	-0.2 m/s	velocity	5.00	9.35	10.42	11.11	11.36	11.24	11.24	10.99	10.99	10.87	9.68	50.5	7.44	11.24	11.07

Semi-Final 1 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.98	3.06	4.03	4.92	5.83	6.74	7.63	8.53	9.44	10.38	10.38	7 / 4			
reaction time	0.167	interval		1.08	0.97	0.89	0.91	0.91	0.89	0.90	0.91	0.94		# of strides	4.03	2.71	2.70
wind	0.1 m/s	velocity	5.05	9.26	10.31	11.24	10.99	10.99	11.24	11.11	10.99	10.64	9.63	50.5	7.44	11.07	11.11

Heat 11 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	1.96	3.01	3.98	4.90		6.70	7.62	8.53	9.46	10.41	10.41	5 / 1			
reaction time	0.150	interval		1.05	0.97	0.92		1.80	0.92	0.91	0.93	0.95		# of strides	3.98	2.72	2.76
wind	-0.3 m/s	velocity	5.10	9.52	10.31	10.87		11.11	10.87	10.99	10.75	10.53	9.61	51.0	7.54	11.03	10.87

FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.97	3.00	3.97	4.94	5.86	6.74	7.62	8.55	9.46	10.41	10.41	4 / 1			
reaction time	0.151	interval		1.03	0.97	0.97	0.92	0.88	0.88	0.93	0.91	0.95		# of strides	3.97	2.77	2.72
wind	0.0 m/s	velocity	5.08	9.71	10.31	10.31	10.87	11.36	11.36	10.75	10.99	10.53	9.61	49.7	7.56	10.83	11.03

Semi-Final 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.97	3.02	4.00	4.95	5.87	6.76	7.66	8.55	9.47	10.44	10.44	7 / 1			
reaction time	0.148	interval		1.05	0.98	0.95	0.92	0.89	0.90	0.89	0.92	0.97		# of strides	4.00	2.76	2.71
wind	-0.7 m/s	velocity	5.08	9.52	10.20	10.53	10.87	11.24	11.11	11.24	10.87	10.31	9.58	51.0	7.50	10.87	11.07

Heat 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	1.96	3.02	3.98	4.91	5.84	6.73	7.64	8.56	9.48	10.44	10.44	4 / 1			
reaction time	0.183	interval		1.06	0.96	0.93	0.93	0.89	0.91	0.92	0.92	0.96		# of strides	3.98	2.75	2.75
wind	-0.3 m/s	velocity	5.10	9.43	10.42	10.75	10.75	11.24	10.99	10.87	10.87	10.42	9.58	51.0	7.54	10.91	10.91

FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	2.99	3.94	4.86	5.73	6.66					6.66	1 / 4			
reaction time	0.154	interval		1.02	0.95	0.92	0.87	0.93					PB	# of strides	3.94	2.72	
		velocity	5.08	9.80	10.53	10.87	11.49	10.75					9.01	33.0	7.61	11.03	

Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	2.99	3.95	4.87	5.78	6.69					6.69	6 / 4			
reaction time	0.172	interval		1.02	0.96	0.92	0.91	0.91					PB	# of strides	3.95	2.74	
		velocity	5.08	9.80	10.42	10.87	10.99	10.99					8.97	32.5	7.59	10.95	

Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	2.01	3.04	4.01	4.93	5.83	6.75					6.75	5 / 2			
reaction time	0.181	interval		1.03	0.97	0.92	0.90	0.92						# of strides	4.01	2.74	
		velocity	4.98	9.71	10.31	10.87	11.11	10.87					8.89	32.0	7.48	10.95	

Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.97	3.01	3.97	4.91	5.80	6.74	6.74	6 / 4
reaction time	0.162	interval		1.04	0.96	0.94	0.89	0.94		# of strides 3.97 2.77
		velocity	5.08	9.62	10.42	10.64	11.24	10.64	8.90	32.0 7.56 10.83

A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		2.95	4.00	4.90	5.81	6.71	6.71	5 / 3
reaction time		interval			1.05	0.90	0.91	0.90	=PB	# of strides 4.00 2.71
		velocity		6.78	9.52	11.11	10.99	11.11	8.94	29.0 7.50 11.07

FINAL - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.97	3.04	3.98		5.82	6.71	7.62	8.52	9.46	10.41	10.41	2 / 6
reaction time	0.163	interval		1.07	0.94		1.84	0.89	0.91	0.90	0.94	0.95		# of strides 3.98 2.73 2.75
wind	0.2 m/s	velocity	5.08	9.35	10.64		10.87	11.24	10.99	11.11	10.64	10.53	9.61	51.0 7.54 10.99 10.91

Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.95	2.98	3.97		5.77	6.67	7.58	8.51	9.43	10.36	10.36	6 / 4
reaction time	0.143	interval		1.03	0.99		1.80	0.90	0.91	0.93	0.92	0.93	=PB	# of strides 3.97 2.70 2.76
wind	-0.5 m/s	velocity	5.13	9.71	10.10		11.11	11.11	10.99	10.75	10.87	10.75	9.65	51.0 7.56 11.11 10.87

Heat 4 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.95	3.01	3.99	4.93	5.85	6.77	7.68	8.60	9.54	10.55	10.55	6 / 1
reaction time	0.158	interval		1.06	0.98	0.94	0.92	0.92	0.91	0.92	0.94	1.01		# of strides 3.99 2.78 2.77
wind	-0.6 m/s	velocity	5.13	9.43	10.20	10.64	10.87	10.87	10.99	10.87	10.64	9.90	9.48	50.0 7.52 10.79 10.83

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.98	3.00	4.02	4.95	5.87	6.77	7.68	8.60	9.52	10.48	10.48	6 / 5
reaction time	0.166	interval		1.02	1.02	0.93	0.92	0.90	0.91	0.92	0.92	0.96		# of strides 4.02 2.75 2.75
wind	-0.2 m/s	velocity	5.05	9.80	9.80	10.75	10.87	11.11	10.99	10.87	10.87	10.42	9.54	48.5 7.46 10.91 10.91

FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.98	3.06	4.01	4.92	5.82	6.71	7.59	8.48	9.41	10.36	10.36	2 / 2
reaction time	0.199	interval		1.08	0.95	0.91	0.90	0.89	0.88	0.89	0.93	0.95	PB	# of strides 4.01 2.70 2.70
wind	-0.4 m/s	velocity	5.05	9.26	10.53	10.99	11.11	11.24	11.36	11.24	10.75	10.53	9.65	50.0 7.48 11.11 11.11

Semi-Final 1 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.99	3.06	4.03	4.95	5.86	6.75	7.65	8.55	9.47	10.41	10.41	2 / 3
reaction time	0.197	interval		1.07	0.97	0.92	0.91	0.89	0.90	0.90	0.92	0.94		# of strides 4.03 2.72 2.72
wind	0.5 m/s	velocity	5.03	9.35	10.31	10.87	10.99	11.24	11.11	11.11	10.87	10.64	9.61	49.0 7.44 11.03 11.03

Heat 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.98	3.07	4.04	5.00	5.93	6.87	7.80	8.75	9.70	10.74	10.74	3 / 3
reaction time	0.180	interval		1.09	0.97	0.96	0.93	0.94	0.93	0.95	0.95	1.04		# of strides 4.04 2.83 2.83
wind	0.0 m/s	velocity	5.05	9.17	10.31	10.42	10.75	10.64	10.75	10.53	10.53	9.62	9.31	49.2 7.43 10.60 10.60

FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.96	3.02	3.99	4.91	5.82	6.72	7.63	8.52	9.47	10.42	10.42	4 / 2
reaction time	0.160	interval		1.06	0.97	0.92	0.91	0.90	0.91	0.89	0.95	0.95		# of strides 3.99 2.73 2.75
wind	0.8 m/s	velocity	5.10	9.43	10.31	10.87	10.99	11.11	10.99	11.24	10.53	10.53	9.60	51.2 7.52 10.99 10.91

Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.97	3.01	3.97	4.89	5.80	6.69	7.60	8.51	9.43	10.39	10.39	4 / 1
reaction time	0.150	interval		1.04	0.96	0.92	0.91	0.89	0.91	0.91	0.92	0.96		# of strides 3.97 2.72 2.74
wind	-1.6 m/s	velocity	5.08	9.62	10.42	10.87	10.99	11.24	10.99	10.99	10.87	10.42	9.62	50.5 7.56 11.03 10.95

Heat 5 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.92	2.98	3.95	4.89	5.82	6.73	7.65	8.57	9.51	10.54	10.54	4 / 1
reaction time	0.147	interval		1.06	0.97	0.94	0.93	0.91	0.92	0.92	0.94	1.03		# of strides 3.95 2.78 2.78
wind	-0.4 m/s	velocity	5.21	9.43	10.31	10.64	10.75	10.99	10.87	10.87	10.64	9.71	9.49	51.0 7.59 10.79 10.79

A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	1.97	3.00	3.99	4.90	5.83	6.76	6.76	5 / 4
reaction time	0.153	interval		1.03	0.99	0.91	0.93	0.93		# of strides 3.99 2.77
		velocity	5.08	9.71	10.10	10.99	10.75	10.75	8.88	32.0 7.52 10.83

Heat 4 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	1.95	3.00	3.97	4.90	5.82	6.74	6.74	2 / 1
reaction time	0.145	interval		1.05	0.97	0.93	0.92	0.92	=PB	# of strides 3.97 2.77
		velocity	5.13	9.52	10.31	10.75	10.87	10.87	8.90	33.0 7.56 10.83

B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	1.93	3.02	3.98	4.91	5.84	6.76	6.76	4 / 1

reaction time	0.165	interval		1.09	0.96	0.93	0.93	0.92					# of strides	3.98	2.78	
		velocity	5.18	9.17	10.42	10.75	10.75	10.87				8.88	33.0	7.54	10.79	

Heat 8 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	1.93	3.00	3.99	4.92	5.86	6.79				6.79	1 / 1			
reaction time	0.157	interval		1.07	0.99	0.93	0.94	0.93					# of strides	3.99	2.80	
		velocity	5.18	9.35	10.10	10.75	10.64	10.75				8.84	33.0	7.52	10.71	

FINAL - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	1.97	3.02	3.98	4.89	5.79	6.70	7.60	8.52	9.42	10.38	10.38	4 / 1		
reaction time		interval		1.05	0.96	0.91	0.90	0.91	0.90	0.92	0.90	0.96	PB	# of strides	3.98	2.72	2.72
wind	-0.8 m/s	velocity	5.08	9.52	10.42	10.99	11.11	10.99	11.11	10.87	11.11	10.42	9.63	51.0	7.54	11.03	11.03

Heat 2 - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	1.99	3.06	4.03	4.95	5.87	6.76	7.66	8.57	9.51	10.51	10.51	3 / 1		
reaction time		interval		1.07	0.97	0.92	0.92	0.89	0.90	0.91	0.94	1.00		# of strides	4.03	2.73	2.75
wind	0.4 m/s	velocity	5.03	9.35	10.31	10.87	10.87	11.24	11.11	10.99	10.64	10.00	9.51	50.0	7.44	10.99	10.91

Wang Shuang (CHN) (2004)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.95	2.99	3.98	4.94	5.86	6.72	7.62	8.55	9.48	10.46	10.46	5 / 2		
reaction time	0.150	interval		1.04	0.99	0.96	0.92	0.86	0.90	0.93	0.93	0.98		# of strides	3.98	2.74	2.76
wind	0.0 m/s	velocity	5.13	9.62	10.10	10.42	10.87	11.63	11.11	10.75	10.75	10.20	9.56	50.0	7.54	10.95	10.87

Heat 7 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	1.95	3.01	3.99	4.93	5.85	6.77	7.70	8.64	9.59	10.57	10.57	6 / 1		
reaction time	0.147	interval		1.06	0.98	0.94	0.92	0.92	0.93	0.94	0.95	0.98		# of strides	3.99	2.78	2.82
wind	-0.6 m/s	velocity	5.13	9.43	10.20	10.64	10.87	10.87	10.75	10.64	10.53	10.20	9.46	50.5	7.52	10.79	10.64

FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.95	3.01	3.97	4.90	5.82	6.72					6.72	3 / 5		
reaction time	0.151	interval		1.06	0.96	0.93	0.92	0.90						# of strides	3.97	2.75	
		velocity	5.13	9.43	10.42	10.75	10.87	11.11					8.93	31.5	7.56	10.91	

Heat 13 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	1.92	2.96	3.97	4.88	5.78	6.72					6.72	8 / 2		
reaction time	0.187	interval		1.04	1.01	0.91	0.90	0.94						# of strides	3.97	2.75	
		velocity	5.21	9.62	9.90	10.99	11.11	10.64					8.93		7.56	10.91	

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.93	2.99	3.95	4.86	5.75	6.64	7.53	8.43	9.35	10.27	10.27	2 / 1		
reaction time	0.130	interval		1.06	0.96	0.91	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.95	2.69	2.71
wind	0.7 m/s	velocity	5.18	9.43	10.42	10.99	11.24	11.24	11.24	11.11	10.87	10.87	9.74	49.0	7.59	11.15	11.07

Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.95	2.99	3.97	4.88	5.80	6.69	7.57	8.50	9.44	10.37	10.37	5 / 1		
reaction time	0.157	interval		1.04	0.98	0.91	0.92	0.89	0.88	0.93	0.94	0.93		# of strides	3.97	2.72	2.75
wind	-0.4 m/s	velocity	5.13	9.62	10.20	10.99	10.87	11.24	11.36	10.75	10.64	10.75	9.64	49.2	7.56	11.03	10.91

Wang Wei (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Heat 8 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	1.99	3.04	4.04	4.97		6.77	7.68	8.58	9.51	10.46	10.46	7 / 1		
reaction time	0.179	interval		1.05	1.00	0.93		1.80	0.91	0.90	0.93	0.95		# of strides	4.04	2.73	2.74
wind	-0.3 m/s	velocity	5.03	9.52	10.00	10.75		11.11	10.99	11.11	10.75	10.53	9.56	47.2	7.43	10.99	10.95

Wang Weihao (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	1.95	2.97	3.95	4.87	5.77	6.67	7.56	8.47	9.41	10.36	10.36	7 / 1		
reaction time	0.152	interval		1.02	0.98	0.92	0.90	0.90	0.89	0.91	0.94	0.95	PB	# of strides	3.95	2.72	2.74
wind	1.0 m/s	velocity	5.13	9.80	10.20	10.87	11.11	11.11	11.24	10.99	10.64	10.53	9.65	47.5	7.59	11.03	10.95

Semi-Final 2 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	1.97	3.02	4.01	4.94	5.85	6.77	7.67	8.62	9.57	10.54	10.54	4 / 1		
reaction time	0.152	interval		1.05	0.99	0.93	0.91	0.92	0.90	0.95	0.95	0.97		# of strides	4.01	2.76	2.80
wind	0.7 m/s	velocity	5.08	9.52	10.10	10.75	10.99	10.87	11.11	10.53	10.53	10.31	9.49	48.2	7.48	10.87	10.71

Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	16-Mar-23	time	2.00	3.06	4.06	5.01	5.93	6.86					6.86	6 / 3		
reaction time	0.175	interval		1.06	1.00	0.95	0.92	0.93						# of strides	4.06	2.80	
		velocity	5.00	9.43	10.00	10.53	10.87	10.75					8.75	31.0	7.39	10.71	

Wang Xiaoyan (CHN) (1991)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

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

date	26-Apr-25	time	2.08	3.20	4.21	5.18	6.14	7.09	8.05	9.02	10.00	11.01	11.01	2 / 3		
reaction time	0.199	interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	0.98	1.01	PB	# of strides	4.21	2.88	2.91
wind	0.5 m/s	velocity	4.81	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.08		7.13	10.42	10.31

Wang Xinkai (CHN) (2004)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Semi-Final 3 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	1.98	3.07	4.06	5.00	5.92	6.82	7.72	8.65	9.55	10.49	10.49	9 / 7		
reaction time	0.168	interval		1.09	0.99	0.94	0.92	0.90	0.90	0.93	0.90	0.94		# of strides	4.06	2.76	2.73
wind	-0.2 m/s	velocity	5.05	9.17	10.10	10.64	10.87	11.11	11.11	10.75	11.11	10.64	9.53	48.0	7.39	10.87	10.99

Heat 2 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	14-Sep-24	time	1.92	2.99	3.97	4.91	5.84	6.76	7.68	8.60	9.54	10.59	10.59	8 / 4		
reaction time	0.185	interval		1.07	0.98	0.94	0.93	0.92	0.92	0.92	0.94	1.05		# of strides	3.97	2.79	2.78
wind	0.6 m/s	velocity	5.21	9.35	10.20	10.64	10.75	10.87	10.87	10.87	10.64	9.52	9.44	47.5	7.56	10.75	10.79

FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	2.01	3.09	4.08	5.02	5.93	6.82	7.74	8.64	9.56	10.51	10.51	8 / 8		
reaction time	0.170	interval		1.08	0.99	0.94	0.91	0.89	0.92	0.90	0.92	0.95		# of strides	4.08	2.74	2.74
wind	1.0 m/s	velocity	4.98	9.26	10.10	10.64	10.99	11.24	10.87	11.11	10.87	10.53	9.51	47.7	7.35	10.95	10.95

Semi-Final 2 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	1.99	3.07	4.05	4.97	5.89	6.81	7.72	8.66	9.60	10.54	10.54	9 / 2		
reaction time	0.159	interval		1.08	0.98	0.92	0.92	0.92	0.91	0.94	0.94	0.94		# of strides	4.05	2.76	2.79
wind	0.7 m/s	velocity	5.03	9.26	10.20	10.87	10.87	10.87	10.99	10.64	10.64	10.64	9.49	48.5	7.41	10.87	10.75

Heat 1 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	01-Jun-24	time	2.02	3.08	4.07	5.02	5.96	6.86	7.79	8.72	9.65	10.63	10.63	5 / 3		
reaction time	0.177	interval		1.06	0.99	0.95	0.94	0.90	0.93	0.93	0.93	0.98		# of strides	4.07	2.79	2.79
wind	0.0 m/s	velocity	4.95	9.43	10.10	10.53	10.64	11.11	10.75	10.75	10.75	10.20	9.41	47.0	7.37	10.75	10.75

Heat 14 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.04	3.13	4.14	5.08		6.92	7.83	8.75	9.67	10.65	10.65	5 / 2		
reaction time	0.216	interval		1.09	1.01	0.94		1.84	0.91	0.92	0.92	0.98		# of strides	4.14	2.78	2.75
wind	-0.6 m/s	velocity	4.90	9.17	9.90	10.64		10.87	10.99	10.87	10.87	10.20	9.39	48.0	7.25	10.79	10.91

Heat 9 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) *Shandong Athletics Sport Science (2024)*

date	13-May-24	time	2.00	3.09	4.08	5.04	5.97	6.89	7.82	8.73	9.66	10.62	10.62	7 / 1		
reaction time	0.172	interval		1.09	0.99	0.96	0.93	0.92	0.93	0.91	0.93	0.96		# of strides	4.08	2.81	2.77
wind	-0.7 m/s	velocity	5.00	9.17	10.10	10.42	10.75	10.87	10.75	10.99	10.75	10.42	9.42	48.7	7.35	10.68	10.83

Heat 12 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) *Shandong Athletics Sport Science (2024)*

date	12-Mar-24	time	2.00	3.07	4.07	5.00	5.93	6.86					6.86	8 / 3		
reaction time	0.193	interval		1.07	1.00	0.93	0.93	0.93						# of strides	4.07	2.79	
		velocity	5.00	9.35	10.00	10.75	10.75	10.75					8.75	31.0	7.37	10.75	

Heat 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	2.03	3.18	4.19	5.17	6.15	7.09	8.06	9.01	10.01	11.04	11.04	7 / 6		
reaction time	0.164	interval		1.15	1.01	0.98	0.98	0.94	0.97	0.95	1.00	1.03		# of strides	4.19	2.90	2.92
wind	-0.4 m/s	velocity	4.93	8.70	9.90	10.20	10.20	10.64	10.31	10.53	10.00	9.71	9.06	49.2	7.16	10.34	10.27

U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	1.97	3.04	4.02	4.96	5.88	6.79	7.71	8.62	9.56	10.51	10.51	5 / 1		
reaction time	0.173	interval		1.07	0.98	0.94	0.92	0.91	0.92	0.91	0.94	0.95	PB	# of strides	4.02	2.77	2.77
wind	-0.1 m/s	velocity	5.08	9.35	10.20	10.64	10.87	10.99	10.87	10.99	10.64	10.53	9.51	47.2	7.46	10.83	10.83

U20 Semi-Final 1 - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.02	3.09	4.07	5.04	5.97	6.89	7.83	8.75	9.70	10.66	10.66	6 /1		
reaction time	0.196	interval		1.07	0.98	0.97	0.93	0.92	0.94	0.92	0.95	0.96	PB	# of strides	4.07	2.82	2.81
wind	0.0 m/s	velocity	4.95	9.35	10.20	10.31	10.75	10.87	10.64	10.87	10.53	10.42	9.38	47.2	7.37	10.64	10.68

FINAL - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	2.10	3.16	4.18	5.12	6.05	6.99	7.91	8.85	9.78	10.72	10.72	5 / 3		
reaction time		interval		1.06	1.02	0.94	0.93	0.94	0.92	0.94	0.93	0.94	PB	# of strides	4.18	2.81	2.79
wind	-0.8 m/s	velocity	4.76	9.43	9.80	10.64	10.75	10.64	10.87	10.64	10.75	10.64	9.33	48.5	7.18	10.68	10.75

Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	2.10	3.19	4.20	5.14	6.08	7.00	7.92	8.84	9.77	10.74	10.74	4 / 2		
reaction time		interval		1.09	1.01	0.94	0.94	0.92	0.92	0.92	0.93	0.97	PB	# of strides	4.20	2.80	2.77
wind	-0.2 m/s	velocity	4.76	9.17	9.90	10.64	10.64	10.87	10.87	10.87	10.75	10.31	9.31	48.7	7.14	10.71	10.83

Wang Yongji (CHN) (1995)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	14-Jul-22	time	2.13	3.25	4.27	5.24	6.18	7.10	8.04	8.98	9.94	10.92	10.92	6 / 6			
reaction time		interval		1.12	1.02	0.97	0.94	0.92	0.94	0.94	0.96	0.98		# of strides	4.27	2.83	2.84
wind	-0.2 m/s	velocity	4.69	8.93	9.80	10.31	10.64	10.87	10.64	10.64	10.42	10.20	9.16	47.0	7.03	10.60	10.56

Wang Zhaojun (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	1.98	3.10	4.14	5.13	6.12	7.10	8.10	9.13	10.16	11.20	11.20	8 / 5			
reaction time	0.190	interval		1.12	1.04	0.99	0.99	0.98	1.00	1.03	1.03	1.04		# of strides	4.14	2.96	3.06
wind	-0.1 m/s	velocity	5.05	8.93	9.62	10.10	10.10	10.20	10.00	9.71	9.71	9.62	8.93	50.0	7.25	10.14	9.80

Warner, Sterling (USA) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR) *Track Newsletter (2021) - NCAA men's indoor championships*

date	13-Mar-21	time			3.92			6.67					6.67	/ 7			
reaction time	0.137	interval						2.75						# of strides	3.92	2.75	
		velocity			7.65			10.91					9.00		7.65	10.91	

Watanabe, Kougen (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Ikoma (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*

date	30-Jul-17	time			4.08			6.94			9.80	10.79	10.79	9 / 6			
reaction time	0.176	interval						2.86			2.86	0.99		# of strides	4.08	2.86	2.86
wind	-2.0 m/s	velocity			7.35			10.49			10.49	10.10	9.27		7.35	10.49	10.49

Watanabe, Sho (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.08			6.90			9.80	10.80	10.80	4 / 3			
reaction time		interval						2.82			2.90	1.00		# of strides	4.08	2.82	2.90
wind	1.5 m/s	velocity			7.35			10.64			10.34	10.00	9.26	51.5	7.35	10.64	10.34

Watson, Jerald (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2003 USATF National Junior Championships (Palo Alto, CA) *USATF Women's Sprint Development with HPC (2008)*

date	22-Jun-03	time	2.00	3.12	4.10	5.04	5.97	6.91	7.81	8.77	9.74	10.72	10.72	1 / 6			
reaction time		interval		1.12	0.98	0.94	0.93	0.94	0.90	0.96	0.97	0.98		# of strides	4.10	2.81	2.83
wind	0.0 m/s	velocity	5.00	8.93	10.20	10.64	10.75	10.64	11.11	10.42	10.31	10.20	9.33		7.32	10.68	10.60

Watson, Rohan (JAM) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	26-Apr-25	time	1.94	3.00	3.96	4.89	5.78	6.67	7.58	8.49	9.39	10.31	10.31	1 / 9			
reaction time	0.150	interval		1.06	0.96	0.93	0.89	0.89	0.91	0.91	0.90	0.92		# of strides	3.96	2.71	2.72
wind	0.2 m/s	velocity	5.15	9.43	10.42	10.75	11.24	11.24	10.99	10.99	11.11	10.87	9.70	49.0	7.58	11.07	11.03

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

date	13-Sep-24	time	1.92	2.97	3.93	4.85	5.75	6.65	7.54	8.44	9.34	10.25	10.25	1 / 8			
reaction time	0.144	interval		1.05	0.96	0.92	0.90	0.90	0.89	0.90	0.90	0.91		# of strides	3.93	2.72	2.69
wind	0.1 m/s	velocity	5.21	9.52	10.42	10.87	11.11	11.11	11.24	11.11	11.11	10.99	9.76	50.0	7.63	11.03	11.15

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

date	25-Aug-24	time	1.92	2.98	3.93	4.83	5.72	6.60	7.48	8.36	9.26	10.18	10.18	9 / 7			
reaction time	0.180	interval		1.06	0.95	0.90	0.89	0.88	0.88	0.88	0.90	0.92		# of strides	3.93	2.67	2.66
wind	1.9 m/s	velocity	5.21	9.43	10.53	11.11	11.24	11.36	11.36	11.36	11.11	10.87	9.82	49.0	7.63	11.24	11.28

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2024) - diamond league race analysis*

date	20-Apr-24	time	1.93	2.99	3.95	4.87	5.76	6.67	7.56	8.45	9.36	10.27	10.27	8 / 4			
reaction time	0.149	interval		1.06	0.96	0.92	0.89	0.91	0.89	0.89	0.91	0.91		# of strides	3.95	2.72	2.69
wind	-0.6 m/s	velocity	5.18	9.43	10.42	10.87	11.24	10.99	11.24	11.24	10.99	10.99	9.74	49.0	7.59	11.03	11.15

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.91	2.98	3.95	4.86	5.75	6.63	7.50	8.38	9.27	10.18	10.18	9 / 9			
reaction time	0.140	interval		1.07	0.97	0.91	0.89	0.88	0.87	0.88	0.89	0.91		# of strides	3.95	2.68	2.64
wind	0.4 m/s	velocity	5.24	9.35	10.31	10.99	11.24	11.36	11.49	11.36	11.24	10.99	9.82	48.0	7.59	11.19	11.36

Waugh, Ainsley (JAM) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time			3.96			6.68		8.45		10.32	10.32	/ 3			
reaction time		interval						2.72		1.77		1.87		# of strides	3.96	2.72	
wind	1.0 m/s	velocity			7.58			11.03		11.30		10.70	9.69		7.58	11.03	

FINAL - 2008 Windsprint (Sundsvall, SWE) *(2008) - www.ssg.se/en/Windsprint/Split-times/*

date	06-Jul-08	time			4.01			6.79		8.60		10.50	10.50	8 / 3			
reaction time		interval						2.78		1.81		1.90		# of strides	4.01	2.78	
wind	1.6 m/s	velocity			7.48			10.79		11.05		10.53	9.52	45.5	7.48	10.79	

Wdowik, Oliwer (POL) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympic Games - Results Book (2024)*			
date	03-Aug-24	time	1.98	3.08	4.09	5.04	5.99	6.94	7.91	8.93	10.09	11.53	11.53	9 / 9			
reaction time	0.175	interval		1.10	1.01	0.95	0.95	0.95	0.97	1.02	1.16	1.44		# of strides	4.09	2.85	3.15
wind	0.0 m/s	velocity	5.05	9.09	9.90	10.53	10.53	10.53	10.31	9.80	8.62	6.94	8.67		7.33	10.53	9.52

Weise, Eberhard (GDR) (1953)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)														*Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*			
date	29-May-76	time			3.98			6.76		8.58		10.42	10.42	/ 3			
reaction time		interval						2.78		1.82		1.84	**PB**	# of strides	3.98	2.78	
wind	1.9 m/s	velocity			7.54			10.79		10.99		10.87	9.60		7.54	10.79	

Wellington, Andre (JAM) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Windsprint (Sundsvall, SWE)														*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date	06-Jul-08	time			3.97			6.78		8.69		10.61	10.61	5 / 7			
reaction time		interval						2.81		1.91		1.92		# of strides	3.97	2.81	
wind	1.6 m/s	velocity			7.56			10.68		10.47		10.42	9.43	44.5	7.56	10.68	
FINAL - 2007 Windsprint (Sundsvall, SWE)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time			4.00			6.79		8.66		10.59	10.59	/ 3			
reaction time		interval						2.79		1.87		1.93		# of strides	4.00	2.79	
wind	1.4 m/s	velocity			7.50			10.75		10.70		10.36	9.44		7.50	10.75	

Wells, Allan (GBR) (1952)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1983 IAAF World Championships (Helsinki, FIN)														*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date	08-Aug-83	time		2.92		4.80	5.70	6.60	7.51	8.40		10.27	10.27	1 / 4			
reaction time	0.125	interval				1.88	0.90	0.90	0.91	0.89		1.87		# of strides		6.60	
wind	-0.3 m/s	velocity		6.85		10.64	11.11	11.11	10.99	11.24		10.70	9.74	47.2		4.55	

Wells, Evander (USA) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
date	28-Jun-08	time	1.93	2.98	3.95	4.87	5.75	6.64	7.47	8.42	9.32	10.28	10.28	3 / 7			
reaction time		interval		1.05	0.97	0.92	0.88	0.89	0.83	0.95	0.90	0.96		# of strides	3.95	2.69	2.68
wind	1.8 m/s	velocity	5.18	9.52	10.31	10.87	11.36	11.24	12.05	10.53	11.11	10.42	9.73		7.59	11.15	11.19
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
date	22-Jun-06	time	2.00	3.04	3.99	4.91	5.79	6.72	7.61	8.54	9.50	10.45	10.45	8 / 4			
reaction time		interval		1.04	0.95	0.92	0.88	0.93	0.89	0.93	0.96	0.95		# of strides	3.99	2.73	2.78
wind	1.5 m/s	velocity	5.00	9.62	10.53	10.87	11.36	10.75	11.24	10.75	10.42	10.53	9.57		7.52	10.99	10.79

Wen Shiqi (CHN) (1999)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)														*Shandong Athletics Sport Science (2023)*			
date	02-Jun-23	time	1.98	3.10	4.11	5.07	6.03	6.96	7.91	8.88	9.84	10.84	10.84	4 / 3			
reaction time		interval		1.12	1.01	0.96	0.96	0.93	0.95	0.97	0.96	1.00		# of strides	4.11	2.85	2.88
wind	-0.8 m/s	velocity	5.05	8.93	9.90	10.42	10.42	10.75	10.53	10.31	10.42	10.00	9.23	50.0	7.30	10.53	10.42

Wennolf, Mikael (SWE) (1971)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)														*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	20-Jul-94	time			4.00			6.81		8.66		10.55	10.55	**/ 2**			
reaction time		interval						2.81		1.85		1.89		# of strides	4.00	2.81	
wind	**1.8 m/s**	velocity			7.50			10.68		10.81		10.58	9.48		7.50	10.68	

Wiberg, Nicklas (SWE) (1985)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	19-Aug-09	time		3.15		5.11		7.04		8.97		10.96	10.96	1 / 2			
reaction time	0.161	interval				1.96		1.93		1.93		1.99	**PB**	# of strides			
wind	-0.4 m/s	velocity		6.35		10.20		10.36		10.36		10.05	9.12				

Wicki, Silvan (SUI) (1995)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Weltklasse (Zürich, SUI)														*Omega Timing (2021) - diamond league race analysis*			
date	09-Sep-21	time		3.0		4.9		6.7		8.5		10.25	10.25	9 / 8			
reaction time	0.127	interval				1.90		1.80		1.80		1.75		# of strides			
wind	-0.4 m/s	velocity		6.67		10.53		11.11		11.11		11.43	9.76	48.0			

Wdowik, Oliwer (POL) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)														*European Athletics (2025) - european athletics indoor championships results book*			
date	08-Mar-25	time	1.90	2.96	3.92	4.83	5.74	6.62					6.62	1 / 5			
reaction time	0.136	interval		1.06	0.96	0.91	0.91	0.88						# of strides	3.92	2.70	
		velocity	5.26	9.43	10.42	10.99	10.99	11.36					9.06		7.65	11.11	

Wieser, Stefan (GER) (1984)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			

date	14-Jun-09	time	3.12	4.10	5.04	6.88	8.78	10.69	10.69	/ 7			
reaction time	0.191	interval		0.98	0.94	1.84	1.90	1.91		# of strides	4.10	2.78	
wind	1.5 m/s	velocity	6.41	10.20	10.64	10.87	10.53	10.47	9.35		7.32	10.79	

FINAL - 2005 European U23 Championships (Erfurt, GER) *Graubner (2005) - wettkampfanalytische untersuchung der sprintliestungsfähigkeit*

date	16-Jul-05	time	3.03	4.00	4.92	6.71	8.49	10.32	10.32	2 / 3			
reaction time	0.153	interval		0.97	0.92	1.79	1.78	1.83		# of strides	4.00	2.71	
wind	2.4 m/s	velocity	6.60	10.31	10.87	11.17	11.24	10.93	9.69		7.50	11.07	

Heat 1 - 2005 European U23 Championships (Erfurt, GER) *Graubner (2005) - wettkampfanalytische untersuchung der sprintliestungsfähigkeit*

date	14-Jul-05	time	3.05	4.04	4.98	6.71	8.63	10.52	10.52	6 / 3			
reaction time	0.139	interval		0.99	0.94	1.73	1.92	1.89		# of strides	4.04	2.67	
wind	-0.9 m/s	velocity	6.56	10.10	10.64	11.56	10.42	10.58	9.51		7.43	11.24	

Wilks, Terrell (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time		3.99			6.74		8.56		10.49	10.49	2 / 6			
reaction time	interval					2.75		1.82		1.93		# of strides	3.99	2.75	
wind 2.8 m/s	velocity		7.52			10.91		10.99		10.36	9.53		7.52	10.91	

FINAL - 2008 USATF National Junior Championsips (Columbus, OH) *USATF Women's Sprint Development with HPC (2008)*

date	20-Jun-08	time	1.97	3.02	3.98	4.87	5.75	6.60	7.49	8.37	9.28	10.19	10.19	7 / 1			
reaction time		interval		1.05	0.96	0.89	0.88	0.85	0.89	0.88	0.91	0.91	PB	# of strides	3.98	2.62	2.68
wind	1.1 m/s	velocity	5.08	9.52	10.42	11.24	11.36	11.76	11.24	11.36	10.99	10.99	9.81		7.54	11.45	11.19

Williams, Bernard (USA) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06	time	2.00	3.07	3.97	4.89	5.76	6.66	7.56	8.44	9.43	10.36	10.36	7 / ~~7~~ 6			
reaction time	interval		1.07	0.90	0.92	0.87	0.90	0.90	0.88	0.99	0.93		# of strides	3.97	2.69	2.77
wind -1.2 m/s	velocity	5.00	9.35	11.11	10.87	11.49	11.11	11.11	11.36	10.10	10.75	9.65	48.0	7.56	11.15	10.83

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN) *USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	1.95	3.02	4.04	4.89	5.80	6.67	7.57	8.47	9.39	10.33	10.33	2 / ~~3~~ 2			
reaction time		interval		1.07	1.02	0.85	0.91	0.87	0.90	0.90	0.92	0.94		# of strides	4.04	2.63	2.72
wind	-1.2 m/s	velocity	5.13	9.35	9.80	11.76	10.99	11.49	11.11	11.11	10.87	10.64	9.68	47.0	7.43	11.41	11.03

FINAL - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.90	2.95	3.88	4.77	5.62	6.50	7.36	8.22	9.12	10.04	10.04	2 / 6			
reaction time	0.129	interval		1.05	0.93	0.89	0.85	0.88	0.86	0.86	0.90	0.92		# of strides	3.88	2.62	2.62
wind	0.0 m/s	velocity	5.26	9.52	10.75	11.24	11.76	11.36	11.63	11.63	11.11	10.87	9.96	47.0	7.73	11.45	11.45

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

date	20-Jun-03	time	1.94	2.98	3.95	4.84	5.72	6.56	7.42	8.31	9.19	10.11	10.11	3 / 1			
reaction time		interval		1.04	0.97	0.89	0.88	0.84	0.86	0.89	0.88	0.92		# of strides	3.95	2.61	2.63
wind	1.6 m/s	velocity	5.15	9.62	10.31	11.24	11.36	11.90	11.63	11.24	11.36	10.87	9.89		7.59	11.49	11.41

FINAL - 2000 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time	2.93	3.87	4.76	6.50			10.05	10.05	/ 4		
reaction time	0.151	interval		0.94	0.89	1.74			3.55		# of strides	3.87	2.63
wind	-0.2 m/s	velocity	6.83	10.64	11.24	11.49			11.27	9.95		7.75	11.41

Williams, Desai (CAN) (1959)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 24-Sep-88	time	1.88	2.92	3.86	4.75	5.61	6.47	7.37	8.27	9.18	10.11	10.11	7 / ~~7~~ 6			
reaction time 0.149	interval		1.04	0.94	0.89	0.86	0.86	0.90	0.90	0.91	0.93	PB	# of strides	3.86	2.61	2.71
wind 1.1 m/s	velocity	5.32	9.62	10.64	11.24	11.63	11.63	11.11	11.11	10.99	10.75	9.89	45.7	7.77	11.49	11.07

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	1.89	2.92	3.85	4.75	5.65	6.53	7.44	8.36	9.28	10.24	10.24	4 / 4			
reaction time		interval		1.03	0.93	0.90	0.90	0.88	0.91	0.92	0.92	0.96		# of strides	3.85	2.68	2.75
wind	0.6 m/s	velocity	5.29	9.71	10.75	11.11	11.11	11.36	10.99	10.87	10.87	10.42	9.77		7.79	11.19	10.91

FINAL - 1983 IAAF World Championships (Helsinki, FIN) *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time	2.92		4.81	5.72	6.61	7.51	8.43		10.36	10.36	5 / 8		
reaction time	0.130	interval			1.89	0.91	0.89	0.90	0.92		1.93		# of strides		6.61	
wind	-0.3 m/s	velocity	6.85		10.58	10.99	11.24	11.11	10.87		10.36	9.65	46.2		4.54	

Williams, Ivory (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 29-Jun-08	time	1.95	2.99	3.92	4.84	5.64	6.55	7.40	8.32	9.19	10.09	10.09	5 / 5			
reaction time	interval		1.04	0.93	0.92	0.80	0.91	0.85	0.92	0.87	0.90		# of strides	3.92	2.63	2.64
wind 2.2 m/s	velocity	5.13	9.62	10.75	10.87	12.50	10.99	11.76	10.87	11.49	11.11	9.91	48.0	7.65	11.41	11.36

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.86	2.87	3.85	4.72	5.59	6.44	7.31	8.15	9.00	9.94	9.94	3 / 2		
reaction time		interval		1.01	0.98	0.87	0.87	0.85	0.87	0.84	0.85	0.94	PB	# of strides	3.85	2.59	2.56
wind	1.6 m/s	velocity	5.38	9.90	10.20	11.49	11.49	11.76	11.49	11.90	11.76	10.64	10.06	47.7	7.79	11.58	11.72

Heat 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.95	3.07	3.90	4.80	5.69	6.54	7.40	8.31	9.16	10.07	10.07	6 / 2		
reaction time		interval		1.12	0.83	0.90	0.89	0.85	0.86	0.91	0.85	0.91	=PB	# of strides	3.90	2.64	2.62
wind	1.7 m/s	velocity	5.13	8.93	12.05	11.11	11.24	11.76	11.63	10.99	11.76	10.99	9.93		7.69	11.36	11.45

Williams, Jeff (USA) (1965)

FINAL - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	15-Jun-96	time	1.87		3.99		5.71				9.16	10.06	10.06	7 / 4			
reaction time		interval			2.12		1.72				3.45	0.90		# of strides	3.99		
wind	1.1 m/s	velocity	5.35		9.43		11.63				11.59	11.11	9.94		7.52		

Williams, Kendal (USA) (1995)

FINAL - 2019 Athletissima (Lausanne, SUI) *Omega Timing (2019) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	05-Jul-19	time					5.8					10.20	10.20	7 / 7			
reaction time	0.138	interval										4.40		# of strides			
wind	0.2 m/s	velocity					8.62					11.36	9.80	47.2			

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	19-May-19	time	1.89	2.97	3.94	4.85	5.74	6.62	7.50	8.38	9.28	10.20	10.20	8 / 8			
reaction time	0.145	interval		1.08	0.97	0.91	0.89	0.88	0.88	0.88	0.90	0.92		# of strides	3.94	2.68	2.66
wind	1.7 m/s	velocity	5.29	9.26	10.31	10.99	11.24	11.36	11.36	11.36	11.11	10.87	9.80	47.2	7.61	11.19	11.28

Williams, Micah (USA) (2001)

FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR) *Track Newsletter (2021) - NCAA men's indoor championships*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	13-Mar-21	time			3.85			6.49					6.49	/ 1			
reaction time	0.194	interval						2.64					=PB	# of strides	3.85	2.64	
		velocity			7.79			11.36					9.24		7.79	11.36	

Williams, Mustaqeem (USA) (1995)

FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	08-Feb-20	time		3.18	4.15	5.07	6.00	6.86					6.86	1 / 8			
reaction time	0.207	interval			0.97	0.92	0.93	0.86						# of strides	4.15	2.71	
		velocity		6.29	10.31	10.87	10.75	11.63					8.75	31.5	7.23	11.07	

Williams, Rubin (USA) (1983)

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.86	2.98	3.95	4.84	5.71	6.59	7.49	8.38	9.29	10.26	10.26	1 / 8			
reaction time		interval		1.12	0.97	0.89	0.87	0.88	0.90	0.89	0.91	0.97		# of strides	3.95	2.64	2.70
wind	1.6 m/s	velocity	5.38	8.93	10.31	11.24	11.49	11.36	11.11	11.24	10.99	10.31	9.75	46.0	7.59	11.36	11.11

Heat 2 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.95	2.98	3.92	4.78	5.68	6.57	7.42	8.34	9.26	10.18	10.18	6 / 4			
reaction time		interval		1.03	0.94	0.86	0.90	0.89	0.85	0.92	0.92	0.92		# of strides	3.92	2.65	2.69
wind	1.8 m/s	velocity	5.13	9.71	10.64	11.63	11.11	11.24	11.76	10.87	10.87	10.87	9.82		7.65	11.32	11.15

Williams, Teddy (USA) (1988)

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.82	3.02	3.90	4.82	5.72	6.60	7.48	8.39	9.30	10.24	10.24	8 / 8			
reaction time		interval		1.20	0.88	0.92	0.90	0.88	0.88	0.91	0.91	0.94		# of strides	3.90	2.70	2.70
wind	1.6 m/s	velocity	5.49	8.33	11.36	10.87	11.11	11.36	11.36	10.99	10.99	10.64	9.77	45.0	7.69	11.11	11.11

Heat 3 - 2008 USA Olympic Trials (Eugene, OR) *USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.97	2.97	3.92	4.80	5.70	6.64	7.54	8.42	9.34	10.27	10.27	8 / 6			
reaction time		interval		1.00	0.95	0.88	0.90	0.94	0.90	0.88	0.92	0.93		# of strides	3.92	2.72	2.70
wind	1.4 m/s	velocity	5.08	10.00	10.53	11.36	11.11	10.64	11.11	11.36	10.87	10.75	9.74		7.65	11.03	11.11

Williams, Trae (AUS) (1997)

FINAL - 2018 Australian Athletics Championships (Gold Coast, AUS) *Emma (2018.02.26) - twitter.com/Rohan_Browning*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	16-Feb-18	time	1.86	2.90	3.83	4.75	5.64	6.51	7.40	8.29	9.19	10.10	10.10	5 / 1			
reaction time		interval		1.04	0.93	0.92	0.89	0.87	0.89	0.89	0.90	0.91	PB	# of strides	3.83	2.68	2.68
wind	0.4 m/s	velocity	5.38	9.62	10.75	10.87	11.24	11.49	11.24	11.24	11.11	10.99	9.90	52.7	7.83	11.19	11.19

Williamson, Simeon (GBR) (1986)

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	15-Aug-09	time		3.00	3.95	4.86		6.64		8.40		10.23	10.23	5 / 5			
reaction time	0.156	interval			0.95	0.91		1.78		1.76		1.83		# of strides	3.95	2.69	

wind	0.1 m/s	velocity	6.67	10.53	10.99	11.24	11.36	10.93	9.78		7.59	11.15	

Heat 7 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.04	4.00	4.91	6.71	8.50	10.34	10.34	8 / 2		
reaction time	0.160	interval		0.96	0.91	1.80	1.79	1.84		# of strides	4.00	2.71
wind	0.4 m/s	velocity	6.58	10.42	10.99	11.11	11.17	10.87	9.67		7.50	11.07

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	2.95	3.90	4.80	6.55	8.33	10.13	10.13	/ 2		
reaction time	0.187	interval		0.95	0.90	1.75	1.78	1.80		# of strides	3.90	2.65
wind	1.4 m/s	velocity	6.78	10.53	11.11	11.43	11.24	11.11	9.87		7.69	11.32

Willie, Kelly (USA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06	time	1.95	3.05	3.97	4.87	5.74	6.64	7.52	8.44	9.39	10.32	10.32	7 / 5			
reaction time	interval		1.10	0.92	0.90	0.87	0.90	0.88	0.92	0.95	0.93		# of strides	3.97	2.67	2.75
wind -1.2 m/s	velocity	5.13	9.09	10.87	11.11	11.49	11.11	11.36	10.87	10.53	10.75	9.69	48.2	7.56	11.24	10.91

Wilson, Alex (SUI) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Weltklasse (Zürich, SUI)												*Omega Timing (2019) - diamond league race analysis*			
date 29-Aug-19	time		3.1		5.0		6.8		8.6		10.40	10.40	7 / 9			
reaction time 0.121	interval				1.9		1.8		1.8		1.80		# of strides			
wind -0.4 m/s	velocity		6.45		10.53		11.11		11.11		11.11	9.62	46.2			

FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	07-May-16	time				5.83				10.35	10.35	/ 1			
reaction time		interval								4.52		# of strides			
wind	0.9 m/s	velocity				8.58				11.06	9.66				

Wims, Scott (USA) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 22-Jun-06	time	2.01	3.10	4.06	4.99	5.89	6.79	7.71	8.61	9.54	10.46	10.46	2 / 6			
reaction time	interval		1.09	0.96	0.93	0.90	0.90	0.92	0.90	0.93	0.92		# of strides	4.06	2.73	2.75
wind 1.5 m/s	velocity	4.98	9.17	10.42	10.75	11.11	11.11	10.87	11.11	10.75	10.87	9.56		7.39	10.99	10.91

Wims, Jerod (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05	time	1.92	3.07	4.06	5.05	5.98	6.89	7.81	8.79	9.74	10.71	10.71	3 / 5			
reaction time	interval		1.15	0.99	0.99	0.93	0.91	0.92	0.98	0.95	0.97		# of strides	4.06	2.83	2.85
wind -0.4 m/s	velocity	5.21	8.70	10.10	10.10	10.75	10.99	10.87	10.20	10.53	10.31	9.34		7.39	10.60	10.53

Winger, Alexander (SWE) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
date 28-Jul-13	time			4.20			7.08		9.00		10.95	10.95	7 / 5			
reaction time	interval						2.88		1.92		1.95		# of strides	4.20	2.88	
wind 2.8 m/s	velocity			7.14			10.42		10.42		10.26	9.13		7.14	10.42	

Wissman, Johan (SWE) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.13			6.88		8.66		10.51	10.51	/ 1			
reaction time	interval						2.75		1.78		1.85		# of strides	4.13	2.75	
wind 0.4 m/s	velocity			7.26			10.91		11.24		10.81	9.51		7.26	10.91	

Wobeto, Philipp (GER) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 06-Aug-10	time		3.15	4.14	5.08	7.06	8.97	10.95	10.95	/ 7					
reaction time	interval			0.99	0.94	1.98	1.91	1.98		# of strides	4.14	2.92			
wind 0.5 m/s	velocity		6.35	10.10	10.64	10.10	10.47	10.10	9.13		7.25	10.27			

Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time	3.17	4.17	5.12	7.00	8.90	10.89	10.89	/ 2		
reaction time		interval		1.00	0.95	1.88	1.90	1.99		# of strides	4.17	2.83
wind	-0.4 m/s	velocity	6.31	10.00	10.53	10.64	10.53	10.05	9.18		7.19	10.60

Wocalewski, Jan (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			4.12			6.97		8.87		10.83	10.83	5 / 6			
reaction time	interval						2.85		1.90		1.96		# of strides	4.12	2.85	
wind 2.8 m/s	velocity			7.28			10.53		10.53		10.20	9.23		7.28	10.53	

C FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time			4.23		7.17		9.09		11.07	11.07	/ 5			

reaction time		interval					2.94		1.92		1.98		# of strides	4.23	2.94	
wind	2.6 m/s	velocity			7.09		10.20		10.42		10.10	9.03		7.09	10.20	

Wolf, Yannick (GER) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2025 European Athletics Indoor Championships (Apeldoorn, NED)												*European Athletics (2025) - european athletics indoor championships results book*			
date 08-Mar-25 time	1.92	2.98	3.94	4.86	5.76	6.64					6.64	1 / 5			
reaction time 0.143 interval		1.06	0.96	0.92	0.90	0.88						# of strides	3.94	2.70	
velocity	5.21	9.43	10.42	10.87	11.11	11.36					9.04		7.61	11.11	

Woods, John (USA) (1982)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 23-Jun-06 time	1.95	3.03	4.00	4.90	5.84	6.74	7.65	8.57	9.53	10.45	10.45	1 / 7			
reaction time interval		1.08	0.97	0.90	0.94	0.90	0.91	0.92	0.96	0.92		# of strides	4.00	2.74	2.79
wind -1.2 m/s velocity	5.13	9.26	10.31	11.11	10.64	11.11	10.99	10.87	10.42	10.87	9.57	48.2	7.50	10.95	10.75

Worsley, Dominique (USA) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												*USATF Women's Sprint Development (2006)*			
date 22-Jun-06 time	2.04	3.10	4.10	5.04	5.96	6.86	7.75	8.64	9.62	10.58	10.58	6 / 7			
reaction time interval		1.06	1.00	0.94	0.92	0.90	0.89	0.89	0.98	0.96		# of strides	4.10	2.76	2.76
wind 1.5 m/s velocity	4.90	9.43	10.00	10.64	10.87	11.11	11.24	11.24	10.20	10.42	9.45		7.32	10.87	10.87

Wright, Tavarius (USA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 NCAA Indoor Championships (Fayetteville, AR)												*Track Newsletter (2021) - NCAA men's indoor championships*			
date 13-Mar-21 time			3.92			6.64					6.64	/ 4			
reaction time 0.160 interval						2.72						# of strides	3.92	2.72	
velocity			7.65			11.03					9.04		7.65	11.03	

Wu Bowen (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	1.97	3.09	4.10	5.11	6.10	7.12	8.14	9.18	10.23	11.30	11.30	7 / 7			
reaction time 0.182 interval		1.12	1.01	1.01	0.99	1.02	1.02	1.04	1.05	1.07		# of strides	4.10	3.02	3.11
wind -0.1 m/s velocity	5.08	8.93	9.90	9.90	10.10	9.80	9.80	9.62	9.52	9.35	8.85	51.2	7.32	9.93	9.65

Wu Haolin (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24 time	1.98	3.00	3.97	4.88	5.79	6.72					6.72	5 / 6			
reaction time 0.158 interval		1.02	0.97	0.91	0.91	0.93						# of strides	3.97	2.75	
velocity	5.05	9.80	10.31	10.99	10.99	10.75					8.93	30.0	7.56	10.91	
Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Mar-24 time	1.97	2.97	3.94	4.86	5.76	6.69					6.69	1 / 1			
reaction time 0.149 interval		1.00	0.97	0.92	0.90	0.93					PB	# of strides	3.94	2.75	
velocity	5.08	10.00	10.31	10.87	11.11	10.75					8.97	30.0	7.61	10.91	
FINAL - 2023 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 21-Jul-23 time	1.92	2.99	3.97		5.75	6.66	7.55	8.49	9.41	10.38	10.38	9 / 4			
reaction time 0.164 interval		1.07	0.98		1.78	0.91	0.89	0.94	0.92	0.97	PB	# of strides	3.97	2.69	2.75
wind 0.2 m/s velocity	5.21	9.35	10.20		11.24	10.99	11.24	10.64	10.87	10.31	9.63	46.0	7.56	11.15	10.91
Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 21-Jul-23 time	1.97	3.03	3.99		5.81	6.69	7.60	8.54	9.49	10.45	10.45	8 / 5			
reaction time 0.181 interval		1.06	0.96		1.82	0.88	0.91	0.94	0.95	0.96		# of strides	3.99	2.70	2.80
wind -0.5 m/s velocity	5.08	9.43	10.42		10.99	11.36	10.99	10.64	10.53	10.42	9.57	47.7	7.52	11.11	10.71
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	2.00	3.03		4.90	5.81	6.69	7.58	8.50	9.45	10.42	10.42	7 / 5			
reaction time 0.190 interval		1.03		1.87	0.91	0.88	0.89	0.92	0.95	0.97	PB	# of strides			2.76
wind 0.1 m/s velocity	5.00	9.71		10.70	10.99	11.36	11.24	10.87	10.53	10.31	9.60	47.5			10.87
Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	1.96	3.02	4.00	4.91	5.81	6.70	7.60	8.52	9.47	10.44	10.44	6 / 2			
reaction time 0.186 interval		1.06	0.98	0.91	0.90	0.89	0.90	0.92	0.95	0.97	PB	# of strides	4.00	2.70	2.77
wind -0.3 m/s velocity	5.10	9.43	10.20	10.99	11.11	11.24	11.11	10.87	10.53	10.31	9.58	48.0	7.50	11.11	10.83
Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			
date 02-Jun-23 time	2.00	3.11	4.10	5.03	5.96	6.87	7.77	8.71	9.64	10.60	10.60	5 / 1			
reaction time interval		1.11	0.99	0.93	0.93	0.91	0.90	0.94	0.93	0.96		# of strides	4.10	2.77	2.77
wind -0.8 m/s velocity	5.00	9.01	10.10	10.75	10.75	10.99	11.11	10.64	10.75	10.42	9.43	47.0	7.32	10.83	10.83

Wu Zhiqiang (CHN) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 21-Jul-23 time	1.98	3.06	4.00		5.85	6.74	7.64	8.53	9.47	10.41	10.41	3 / 5			

reaction time	0.174	interval		1.08	0.94		1.85	0.89	0.90	0.89	0.94	0.94		# of strides	4.00	2.74	2.73
wind	0.2 m/s	velocity	5.05	9.26	10.64		10.81	11.24	11.11	11.24	10.64	10.64	9.61	48.2	7.50	10.95	10.99

Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.97	3.04	4.02		5.87	6.79	7.70	8.62	9.54	10.52	10.51	9 / 3			
reaction time	0.162	interval		1.07	0.98		1.85	0.92	0.91	0.92	0.92	0.98		# of strides	4.02	2.77	2.75
wind	-1.3 m/s	velocity	5.08	9.35	10.20		10.81	10.87	10.99	10.87	10.87	10.20	9.51	48.2	7.46	10.83	10.91

FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.97	3.03	3.99	4.89	5.79	6.69	7.57	8.47	9.37	10.32	10.32	6 / 1			
reaction time	0.164	interval		1.06	0.96	0.90	0.90	0.90	0.88	0.90	0.90	0.95		# of strides	3.99	2.70	2.68
wind	-0.4 m/s	velocity	5.08	9.43	10.42	11.11	11.11	11.11	11.36	11.11	11.11	10.53	9.69	47.7	7.52	11.11	11.19

Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.98	3.04	4.00	4.91	5.82	6.71	7.60	8.50	9.39	10.36	10.36	7 / 1			
reaction time	0.164	interval		1.06	0.96	0.91	0.91	0.89	0.89	0.90	0.89	0.97		# of strides	4.00	2.71	2.68
wind	0.3 m/s	velocity	5.05	9.43	10.42	10.99	10.99	11.24	11.24	11.11	11.24	10.31	9.65	47.0	7.50	11.07	11.19

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN) *Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.93	2.99	3.94	4.86	5.74	6.62	7.52	8.42	9.33	10.27	10.27	7 / 5			
reaction time		interval		1.06	0.95	0.92	0.88	0.88	0.90	0.90	0.91	0.94		# of strides	3.94	2.68	2.71
wind	0.1 m/s	velocity	5.18	9.43	10.53	10.87	11.36	11.36	11.11	11.11	10.99	10.64	9.74	48.0	7.61	11.19	11.07

FINAL - 2019 Asian Athletics Championships (Doha, QAT) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	22-Apr-19	time	1.87	2.92	3.88	4.79	5.69	6.58	7.46	8.36	9.26	10.18	10.18	9 / 3			
reaction time	0.145	interval		1.05	0.96	0.91	0.90	0.89	0.88	0.90	0.90	0.92	PB	# of strides	3.88	2.70	2.68
wind	1.5 m/s	velocity	5.35	9.52	10.42	10.99	11.11	11.24	11.36	11.11	11.11	10.87	9.82	47.7	7.73	11.11	11.19

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.93	2.98	3.93	4.85	5.75	6.64	7.54	8.43	9.36	10.31	10.31	6 / 4			
reaction time	0.15	interval		1.05	0.95	0.92	0.90	0.89	0.90	0.89	0.93	0.95		# of strides	3.93	2.71	2.72
wind	0.3 m/s	velocity	5.18	9.52	10.53	10.87	11.11	11.24	11.11	11.24	10.75	10.53	9.70	47.8	7.63	11.07	11.03

Wulff, Jonathan (SWE) (1994)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
A FINAL - 2016 Windsprint (Sundsvall, SWE)													*(2016) - www.windsprint/Splittider/*			
date	31-Jul-16	time		4.21			7.06					10.97	10.97	6 / 7		
reaction time		interval					2.85					3.91		# of strides	4.21	2.85	
wind	1.4 m/s	velocity		7.13			10.53					10.23	9.12		7.13	10.53	

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.20			7.04					10.97	10.97	1 / 6			
reaction time		interval					2.84					3.93		# of strides	4.20	2.84	
wind	0.7 m/s	velocity		7.14			10.56					10.18	9.12		7.14	10.56	

B FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		4.17			7.03		8.93			10.91	10.91	/ 6			
reaction time		interval					2.86		1.90			1.98		# of strides	4.17	2.86	
wind	1.0 m/s	velocity		7.19			10.49		10.53			10.10	9.17		7.19	10.49	

D FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.21			7.04		8.93			10.90	10.90	1 / 3			
reaction time		interval					2.83		1.89			1.97		# of strides	4.21	2.83	
wind	1.6 m/s	velocity		7.13			10.60		10.58			10.15	9.17		7.13	10.60	

C FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		4.27			7.21		9.17			11.24	11.24	/ 6			
reaction time		interval					2.94		1.96			2.07		# of strides	4.27	2.94	
wind	2.6 m/s	velocity		7.03			10.20		10.20			9.66	8.90		7.03	10.20	

Xia Jianduo (CHN) (2006)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)													*Shandong Athletics Sport Science (2024)*			
date	02-Jun-24	time	2.03	3.09	4.08	5.01	5.92	6.81	7.72	8.63	9.54	10.49	10.49	9 / 7			
reaction time	0.189	interval		1.06	0.99	0.93	0.91	0.89	0.91	0.91	0.91	0.95	PB	# of strides	4.08	2.73	2.73
wind	1.0 m/s	velocity	4.93	9.43	10.10	10.75	10.99	11.24	10.99	10.99	10.99	10.53	9.53	48.2	7.35	10.99	10.99

Xiao Yuanpeng (CHN) (2000)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)													*Shandong Athletics Sport Science (2023)*			
date	26-May-23	time	1.99	3.06	4.05	5.01	5.94	6.87	7.81	8.76	9.73	10.69	10.69	6 / 3			
reaction time	0.147	interval		1.07	0.99	0.96	0.93	0.93	0.94	0.95	0.97	0.96		# of strides	4.05	2.82	2.86
wind	-0.1 m/s	velocity	5.03	9.35	10.10	10.42	10.75	10.75	10.64	10.53	10.31	10.42	9.35	48.7	7.41	10.64	10.49

Xie Zhenye (CHN) (1993)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**

FINAL - 2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN) *Omega Timing (2025) - diamond league race analysis*

date	03-May-25	time	1.96	3.01	3.96	4.88	5.78	6.66	7.53	8.41	9.31	10.23	10.23	9 / 8			
reaction time	0.183	interval		1.05	0.95	0.92	0.90	0.88	0.87	0.88	0.90	0.92		# of strides	3.96	2.70	2.65
wind	0.5 m/s	velocity	5.10	9.52	10.53	10.87	11.11	11.36	11.49	11.36	11.11	10.87	9.78	47.0	7.58	11.11	11.32

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

date	26-Apr-25	time	1.96	3.00	3.96	4.86	5.74	6.61	7.48	8.38	9.30	10.23	10.23	9 / 8			
reaction time	0.145	interval		1.04	0.96	0.90	0.88	0.87	0.87	0.90	0.92	0.93		# of strides	3.96	2.65	2.69
wind	0.2 m/s	velocity	5.10	9.62	10.42	11.11	11.36	11.49	11.49	11.11	10.87	10.75	9.78	47.5	7.58	11.32	11.15

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

date	03-Aug-24	time	1.92	2.97	3.93	4.82	5.69	6.57	7.45	8.34	9.24	10.16	10.16	7 / 4			
reaction time	0.158	interval		1.05	0.96	0.89	0.87	0.88	0.88	0.89	0.90	0.92		# of strides	3.93	2.64	2.67
wind	-0.2 m/s	velocity	5.21	9.52	10.42	11.24	11.49	11.36	11.36	11.24	11.11	10.87	9.84	47.0	7.63	11.36	11.24

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.93	2.96	3.90	4.79	5.67	6.54	7.42	8.30	9.19	10.12	10.12	2 / 8			
reaction time	0.151	interval		1.03	0.94	0.89	0.88	0.87	0.88	0.88	0.89	0.93		# of strides	3.90	2.64	2.65
wind	0.4 m/s	velocity	5.18	9.71	10.64	11.24	11.36	11.49	11.36	11.36	11.24	10.75	9.88	47.5	7.69	11.36	11.32

FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.92	2.95	3.89	4.79	5.65	6.52	7.38	8.25	9.16	10.09	10.09	5 / 1			
reaction time	0.167	interval		1.03	0.94	0.90	0.86	0.87	0.86	0.87	0.91	0.93		# of strides	3.89	2.63	2.64
wind	0.7 m/s	velocity	5.21	9.71	10.64	11.11	11.63	11.49	11.63	11.49	10.99	10.75	9.91	47.0	7.71	11.41	11.36

Heat 3 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	1.90	2.93	3.89	4.77	5.64	6.52	7.40	8.27	9.19	10.13	10.13	6 / 1			
reaction time	0.150	interval		1.03	0.96	0.88	0.87	0.88	0.88	0.87	0.92	0.94		# of strides	3.89	2.63	2.67
wind	-0.8 m/s	velocity	5.26	9.71	10.42	11.36	11.49	11.36	11.36	11.49	10.87	10.64	9.87	46.0	7.71	11.41	11.24

FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.92	2.90		4.73	5.62	6.49	7.35	8.24	9.14	10.05	10.05	4 / 1			
reaction time	0.123	interval		0.98		1.83	0.89	0.87	0.86	0.89	0.90	0.91		# of strides			2.65
wind	0.1 m/s	velocity	5.21	10.20		10.93	11.24	11.49	11.63	11.24	11.11	10.99	9.95	46.0			11.32

Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.98	3.01	3.95	4.84	5.72	6.62	7.50	8.38	9.31	10.26	10.26	4 / 1			
reaction time	0.194	interval		1.03	0.94	0.89	0.88	0.90	0.88	0.88	0.93	0.95		# of strides	3.95	2.67	2.69
wind	-0.3 m/s	velocity	5.05	9.71	10.64	11.24	11.36	11.11	11.36	11.36	10.75	10.53	9.75	45.5	7.59	11.24	11.15

Heat 1 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	1.96	3.02	3.96	4.87	5.77	6.66	7.54	8.44	9.34	10.33	10.33	4 / 1			
reaction time		interval		1.06	0.94	0.91	0.90	0.89	0.88	0.90	0.90	0.99		# of strides	3.96	2.70	2.68
wind	-0.4 m/s	velocity	5.10	9.43	10.64	10.99	11.11	11.24	11.36	11.11	11.11	10.10	9.68	45.5	7.58	11.11	11.19

Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	28-Sep-19	time	1.93	2.98	3.91	4.81	5.68	6.55	7.43	8.31	9.21	10.14	10.14	9 / 4			
reaction time	0.188	interval		1.05	0.93	0.90	0.87	0.87	0.88	0.88	0.90	0.93		# of strides	3.91	2.64	2.66
wind	-0.1 m/s	velocity	5.18	9.52	10.75	11.11	11.49	11.49	11.36	11.36	11.11	10.75	9.86	47.5	7.67	11.36	11.28

FINAL - 2019 Weltklasse (Zürich, SUI) *Omega Timing (2019) - diamond league race analysis*

date	29-Aug-19	time		3.0		4.8		6.6		8.3		10.04	10.04	9 / 2			
reaction time	0.143	interval				1.8		1.8		1.7		1.74		# of strides			
wind	-0.4 m/s	velocity		6.67		11.11		11.11		11.76		11.49	9.96	47.0			

FINAL - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.1		4.9		6.6		8.4		10.17	10.17	9 / 8			
reaction time	0.153	interval				1.8		1.7		1.8		1.77		# of strides			
wind	2.0 m/s	velocity		6.45		11.11		11.76		11.11		11.30	9.83	47.5			

Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time		3.0		4.9		6.6		8.4		10.19	10.19	5 / 3			
reaction time	0.160	interval				1.9		1.7		1.8		1.79		# of strides			
wind	-0.3 m/s	velocity		6.67		10.53		11.76		11.11		11.17	9.81				

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN) *Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.92	2.94	3.90	4.78	5.66	6.52	7.38	8.25	9.13	10.03	10.03	5 / 1			
reaction time		interval		1.02	0.96	0.88	0.88	0.86	0.86	0.87	0.88	0.90		# of strides	3.90	2.62	2.61
wind	0.1 m/s	velocity	5.21	9.80	10.42	11.36	11.36	11.63	11.63	11.49	11.36	11.11	9.97	46.7	7.69	11.45	11.49

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.86	2.90	3.81	4.72	5.61	6.47	7.33	8.21	9.10	10.04	10.04	4 / 1			

reaction time	0.14	interval		1.04	0.91	0.91	0.89	0.86	0.86	0.88	0.89	0.94	PB	# of strides	3.81	2.66	2.63
wind	0.3 m/s	velocity	5.38	9.62	10.99	10.99	11.24	11.63	11.63	11.36	11.24	10.64	9.96	46.0	7.87	11.28	11.41

Heat 2 - 2017 IAAF World Championships (London, GBR) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	05-Aug-17	time	1.87	2.92	3.86	4.77	5.65	6.52	7.40	8.29	9.20	10.13	10.13	6 / 3			
reaction time	0.161	interval		1.05	0.94	0.91	0.88	0.87	0.88	0.89	0.91	0.93		# of strides	3.86	2.66	2.68
wind	-0.6 m/s	velocity	5.35	9.52	10.64	10.99	11.36	11.49	11.36	11.24	10.99	10.75	9.87	46.6	7.77	11.28	11.19

Xing Yanan (CHN) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 10-May-08 time	1.97	3.02	3.98	4.90	5.81	6.72	7.64	8.57	9.52	10.49	10.49	/ 2			
reaction time interval		1.05	0.96	0.92	0.91	0.91	0.92	0.93	0.95	0.97		# of strides	3.98	2.74	2.80
wind -1.4 m/s velocity	5.08	9.52	10.42	10.87	10.99	10.99	10.87	10.75	10.53	10.31	9.53		7.54	10.95	10.71

Xu Haiyang (CHN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Chinese National Games (Tianjin, CHN)												*Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*			
date 03-Sep-17 time	1.89	3.01	3.96	4.89	5.78	6.64	7.53	8.42	9.33	10.28	10.28	5 / 3			
reaction time 0.15 interval		1.12	0.95	0.93	0.89	0.86	0.89	0.89	0.91	0.95		# of strides	3.96	2.68	2.69
wind 0.3 m/s velocity	5.29	8.93	10.53	10.75	11.24	11.63	11.24	11.24	10.99	10.53	9.73	48.2	7.58	11.19	11.15

Xu Zhouzheng (CHN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)												*PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/*			
date 25-Jan-19 time	2.13	3.16	4.09	5.00	5.89	6.68					6.68	8 / 3			
reaction time interval		1.03	0.93	0.91	0.89	0.79						# of strides	4.09	2.59	
velocity	4.69	9.71	10.75	10.99	11.24	12.66					8.98	29.7	7.33	11.58	
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												*Jiang (2019) - data analysis of men's sprint finals in the world championships trials*			
date 02-Aug-19 time	1.94	2.95	3.90	4.81	5.70	6.57	7.46	8.36	9.26	10.20	10.20	3 / 3			
reaction time interval		1.01	0.95	0.91	0.89	0.87	0.89	0.90	0.90	0.94		# of strides	3.90	2.67	2.69
wind 0.1 m/s velocity	5.15	9.90	10.53	10.99	11.24	11.49	11.24	11.11	11.11	10.64	9.80	46.0	7.69	11.24	11.15
FINAL - 2017 Chinese National Games (Tianjin, CHN)												*Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*			
date 03-Sep-17 time	1.94	3.00	3.93	4.87	5.77	6.63	7.53	8.43	9.35	10.31	10.31	3 / 5			
reaction time 0.15 interval		1.06	0.93	0.94	0.90	0.86	0.90	0.90	0.92	0.96		# of strides	3.93	2.70	2.72
wind 0.3 m/s velocity	5.15	9.43	10.75	10.64	11.11	11.63	11.11	11.11	10.87	10.42	9.70	46.4	7.63	11.11	11.03

Xuan Dajun (CHN) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 13-May-24 time	1.98	3.04	4.02	4.96	5.88	6.81	7.72	8.67	9.61	10.59	10.59	7 / 1			
reaction time 0.164 interval		1.06	0.98	0.94	0.92	0.93	0.91	0.95	0.94	0.98		# of strides	4.02	2.79	2.80
wind -0.7 m/s velocity	5.05	9.43	10.20	10.64	10.87	10.75	10.99	10.53	10.64	10.20	9.44	48.2	7.46	10.75	10.71
A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 28-Feb-23 time	1.95	2.98	3.97	4.90	5.82	6.76					6.76	2 / 3			
reaction time 0.160 interval		1.03	0.99	0.93	0.92	0.94						# of strides	3.97	2.79	
velocity	5.13	9.71	10.10	10.75	10.87	10.64					8.88	30.2	7.56	10.75	
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												*Jiang (2019) - data analysis of men's sprint finals in the world championships trials*			
date 02-Aug-19 time	1.89	2.96	3.92	4.84	5.74	6.64	7.54	8.45	9.36	10.29	10.29	8 / 6			
reaction time interval		1.07	0.96	0.92	0.90	0.90	0.90	0.91	0.91	0.93	PB	# of strides	3.92	2.72	2.72
wind 0.1 m/s velocity	5.29	9.35	10.42	10.87	11.11	11.11	11.11	10.99	10.99	10.75	9.72	48.5	7.65	11.03	11.03

Yamagata, Ryota (JPN) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Fuse Sprint (Tottori, JPN)												*Miyashiro (2021) - https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21*			
date 06-Jun-21 time	1.83	2.88	3.82	4.71	5.58	6.44	7.30	8.17	9.05	9.95	9.95	6 / 1			
reaction time 0.127 interval		1.05	0.94	0.89	0.87	0.86	0.86	0.87	0.88	0.90	NR PB	# of strides	3.82	2.62	2.61
wind 2.0 m/s velocity	5.46	9.52	10.64	11.24	11.49	11.63	11.63	11.49	11.36	11.11	10.05	46.7	7.85	11.45	11.49
Heat 1 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)												*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*			
date 23-Aug-20 time	1.87	2.94	3.91	4.84	5.76	6.67	7.59	8.52	9.46	10.42	10.42	6 / 3			
reaction time 0.125 interval		1.07	0.97	0.93	0.92	0.91	0.92	0.93	0.94	0.96		# of strides	3.91	2.76	2.79
wind -0.3 m/s velocity	5.35	9.35	10.31	10.75	10.87	10.99	10.87	10.75	10.64	10.42	9.60	52.6	7.67	10.87	10.75
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)												*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*			
date 19-May-19 time	1.88	2.94	3.88	4.78	5.66	6.53	7.40	8.29	9.19	10.11	10.11	5 / 5			
reaction time 0.119 interval		1.06	0.94	0.90	0.88	0.87	0.87	0.89	0.90	0.92		# of strides	3.88	2.65	2.66
wind 1.7 m/s velocity	5.32	9.43	10.64	11.11	11.36	11.49	11.49	11.24	11.11	10.87	9.89	48.1	7.73	11.32	11.28
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)												*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*			
date 23-Sep-18 time	1.83	2.89	3.83	4.73	5.60	6.46	7.33	8.20	9.09	10.01	10.01	7 / 1			
reaction time 0.116 interval		1.06	0.94	0.90	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.83	2.63	2.63
wind 0.0 m/s velocity	5.46	9.43	10.64	11.11	11.49	11.63	11.49	11.49	11.24	10.87	9.99	48.2	7.83	11.41	11.41

FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.83	2.88	3.82	4.72	5.59	6.45	7.32	8.20	9.09	10.00	10.00	4 / 3			
reaction time	0.133	interval		1.05	0.94	0.90	0.87	0.86	0.87	0.88	0.89	0.91	**=PB**	# of strides	3.82	2.63	2.64
wind	0.8 m/s	velocity	5.46	9.52	10.64	11.11	11.49	11.63	11.49	11.36	11.24	10.99	10.00	48.0	7.85	11.41	11.36

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	23-Jun-18	time	1.85	2.89	3.84	4.73	5.61	6.48	7.35	8.23	9.13	10.05	10.05	7 / 1			
reaction time	0.141	interval		1.04	0.95	0.89	0.88	0.87	0.87	0.88	0.90	0.92		# of strides	3.84	2.64	2.65
wind	0.6 m/s	velocity	5.41	9.62	10.53	11.24	11.36	11.49	11.49	11.36	11.11	10.87	9.95	48.6	7.81	11.36	11.32

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	03-Jun-18	time	1.84	2.90	3.86	4.76	5.65	6.52	7.40	8.28	9.19	10.12	10.12	/ 1			
reaction time		interval		1.06	0.96	0.90	0.89	0.87	0.88	0.88	0.91	0.93		# of strides	3.86	2.66	2.67
wind	-0.7 m/s	velocity	5.43	9.43	10.42	11.11	11.24	11.49	11.36	11.36	10.99	10.75	9.88	49.0	7.77	11.28	11.24

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	20-May-18	time	1.87	2.91	3.86	4.76	5.64	6.52	7.40	8.30	9.20	10.13	10.13	5 / 2			
reaction time	0.142	interval		1.04	0.95	0.90	0.88	0.88	0.88	0.90	0.90	0.93		# of strides	3.86	2.66	2.68
wind	-0.7 m/s	velocity	5.35	9.62	10.53	11.11	11.36	11.36	11.36	11.11	11.11	10.75	9.87	48.8	7.77	11.28	11.19

A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	29-Apr-18	time	1.87	2.93	3.88	4.79	5.67	6.55	7.44	8.33	9.24	10.17	10.17	6 / 1			
reaction time		interval		1.06	0.95	0.91	0.88	0.88	0.89	0.89	0.91	0.93		# of strides	3.88	2.67	2.69
wind	1.3 m/s	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.24	11.24	10.99	10.75	9.83	48.8	7.73	11.24	11.15

Heat 6 - 2017 Japanese National Championships (Osaka, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	23-Jun-17	time	1.86	2.92	3.88	4.80	5.69	6.58	7.47	8.37	9.29	10.24	10.24	/ 1			
reaction time	0.123	interval		1.06	0.96	0.92	0.89	0.89	0.89	0.90	0.92	0.95		# of strides	3.88	2.70	2.71
wind	0.0 m/s	velocity	5.38	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.53	9.77	48.9	7.73	11.11	11.07

FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS) *(2017) - tfdata-store.com/2017/03/12/post-46/*

date	11-Mar-17	time						6.54				10.08	10.08	/ 1			
reaction time		interval										3.54		# of strides			
wind	-0.1 m/s	velocity						9.17				11.30	9.92	48.2			

C FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS) *(2017) - tfdata-store.com/2017/03/12/post-46/*

date	11-Mar-17	time						6.52				10.06	10.06	/ 1			
reaction time		interval										3.54		# of strides			
wind	1.3 m/s	velocity						9.20				11.30	9.94	48.0			

FINAL - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.86	2.92	3.86	4.76	5.65	6.54	7.43	8.33	9.25	10.17	10.17	4 / 2			
reaction time	0.139	interval		1.06	0.94	0.90	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.86	2.68	2.71
wind	-0.3 m/s	velocity	5.38	9.43	10.64	11.11	11.24	11.24	11.24	11.11	10.87	10.87	9.83	49.0	7.77	11.19	11.07

Semi-Final 2 - 2016 Japanese National Championships (Nagoya, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.86	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.26	10.26	5 / 1			
reaction time	0.139	interval		1.07	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.93		# of strides	3.88	2.71	2.74
wind	-1.4 m/s	velocity	5.38	9.35	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.75	9.75	49.6	7.73	11.07	10.95

FINAL - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.85	2.90	3.83	4.73	5.61	6.49	7.37	8.25	9.15	10.06	10.06	/ 1			
reaction time		interval		1.05	0.93	0.90	0.88	0.88	0.88	0.88	0.90	0.91	**PB**	# of strides	3.83	2.66	2.66
wind	-0.5 m/s	velocity	5.41	9.52	10.75	11.11	11.36	11.36	11.36	11.36	11.11	10.99	9.94	48.4	7.83	11.28	11.28

Heat 1 - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.88	2.94	3.88	4.81	5.71	6.60	7.50	8.40	9.31	10.23	10.23	/ 2			
reaction time		interval		1.06	0.94	0.93	0.90	0.89	0.90	0.90	0.91	0.92		# of strides	3.88	2.72	2.71
wind	-0.6 m/s	velocity	5.32	9.43	10.64	10.75	11.11	11.24	11.11	11.11	10.99	10.87	9.78	49.2	7.73	11.03	11.07

FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	08-May-16	time	1.86	2.94	3.89	4.79	5.68	6.56	7.45	8.36	9.27	10.21	10.21	6 / 2			
reaction time		interval		1.08	0.95	0.90	0.89	0.88	0.89	0.91	0.91	0.94		# of strides	3.89	2.67	2.71
wind	-0.4 m/s	velocity	5.38	9.26	10.53	11.11	11.24	11.36	11.24	10.99	10.99	10.64	9.79	49.1	7.71	11.24	11.07

FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	29-Apr-16	time	1.80	2.85	3.82	4.76	5.66	6.56	7.47	8.39	9.33	10.27	10.27	3 / 1			
reaction time		interval		1.05	0.97	0.94	0.90	0.90	0.91	0.92	0.94	0.94		# of strides	3.82	2.74	2.77
wind	-2.5 m/s	velocity	5.56	9.52	10.31	10.64	11.11	11.11	10.99	10.87	10.64	10.64	9.74	49.3	7.85	10.95	10.83

Semi-Final 2 - 2014 Japanese National Championships (Fukushima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	08-Jun-14	time	1.91	2.97	3.92	4.82	5.72	6.60	7.48	8.38	9.29	10.22	10.22	7 / 1			
reaction time		interval		1.06	0.95	0.90	0.90	0.88	0.88	0.90	0.91	0.93		# of strides	3.92	2.68	2.69
wind	0.8 m/s	velocity	5.24	9.43	10.53	11.11	11.11	11.36	11.36	11.11	10.99	10.75	9.78	48.8	7.65	11.19	11.15

FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.91	2.96	3.90	4.80	5.69	6.57	7.47	8.39	9.31	10.26	10.26	1 / 4			
reaction time		interval		1.05	0.94	0.90	0.89	0.88	0.90	0.92	0.92	0.95		# of strides	3.90	2.67	2.74
wind	0.7 m/s	velocity	5.24	9.52	10.64	11.11	11.24	11.36	11.11	10.87	10.87	10.53	9.75	47.6	7.69	11.24	10.95

Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	29-Apr-14	time	1.90	2.94	3.88	4.79	5.67	6.56	7.45	8.35	9.26	10.19	10.19	3 / 1			
reaction time		interval		1.04	0.94	0.91	0.88	0.89	0.89	0.90	0.91	0.93		# of strides	3.88	2.68	2.70
wind	2.4 m/s	velocity	5.26	9.62	10.64	10.99	11.36	11.24	11.24	11.11	10.99	10.75	9.81	47.7	7.73	11.19	11.11

FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	29-Apr-13	time	1.88	2.91	3.83	4.72	5.59	6.45	7.32	8.21	9.11	10.04	10.04	5 / 2			
reaction time		interval		1.03	0.92	0.89	0.87	0.86	0.87	0.89	0.90	0.93		# of strides	3.83	2.62	2.66
wind	2.7 m/s	velocity	5.32	9.71	10.87	11.24	11.49	11.63	11.49	11.24	11.11	10.75	9.96	47.5	7.83	11.45	11.28

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) *Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-10	time	1.86	2.93		4.90	5.84	6.80	7.77	8.73	9.70	10.69	10.69	5 / 3			
reaction time		interval		1.07		1.97	0.94	0.96	0.97	0.96	0.97	0.99		# of strides			2.90
wind	-2.1 m/s	velocity	5.38	9.35		10.15	10.64	10.42	10.31	10.42	10.31	10.10	9.35				10.34

Yamaji, Kotaro (JPN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	2.00	3.12	4.12	5.07	6.01	6.93	7.86	8.81	9.76	10.74	10.74	8 / 7			
reaction time		interval		1.12	1.00	0.95	0.94	0.92	0.93	0.95	0.95	0.98		# of strides	4.12	2.81	2.83
wind	-0.3 m/s	velocity	5.00	8.93	10.00	10.53	10.64	10.87	10.75	10.53	10.53	10.20	9.31	49.2	7.28	10.68	10.60

Yamamoto, Eien (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.15		6.16					11.21	11.21	9 / 7			
reaction time	0.150	interval					2.01					5.05		# of strides	4.15		
wind	-1.1 m/s	velocity			7.23		3.25					9.90	8.92		7.23		

Yamamoto, Mirai (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection*

date	03-Aug-18	time	1.97	3.08	4.08	5.03	5.96	6.88	7.82	8.76	9.73	10.71	10.71	2 / 6			
reaction time		interval		1.11	1.00	0.95	0.93	0.92	0.94	0.94	0.97	0.98		# of strides	4.08	2.80	2.85
wind	-0.3 m/s	velocity	5.08	9.01	10.00	10.53	10.75	10.87	10.64	10.64	10.31	10.20	9.34	48.5	7.35	10.71	10.53

Yamamoto, Shunsuke (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.13			7.13			10.08	11.11	11.11	2 / 8			
reaction time		interval						3.00			2.95	1.03		# of strides	4.13	3.00	2.95
wind	3.3 m/s	velocity			7.26			10.00			10.17	9.71	9.00	49.3	7.26	10.00	10.17

Yamashita, Jun (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	20-Sep-20	time	1.92	2.99	3.96	4.88	5.78	6.68	7.58	8.49	9.42	10.37	10.37	6 / 4			
reaction time	0.128	interval		1.07	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.96	2.72	2.74
wind	1.2 m/s	velocity	5.21	9.35	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.53	9.64	47.5	7.58	11.03	10.95

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

date	30-Jul-15	time			4.05	4.99	5.96	6.86	7.78	8.70	9.65	10.63	10.63	/ 4			
reaction time		interval				0.94	0.97	0.90	0.92	0.92	0.95	0.98		# of strides	4.05	2.81	2.79
wind	-0.8 m/s	velocity			7.41	10.64	10.31	11.11	10.87	10.87	10.53	10.20	9.41		7.41	10.68	10.75

Yan Haibin (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		3.00	4.05	4.97	5.91	6.94					6.94	3 / 6			
reaction time		interval			1.05	0.92	0.94	1.03						# of strides	4.05	2.89	
		velocity		6.67	9.52	10.87	10.64	9.71					8.65	30.5	7.41	10.38	

National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN) *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	1.97	3.04	3.99	4.90	5.79	6.69	7.59	8.50	9.42	10.35	10.35	8 / 4			
reaction time	0.188	interval		1.07	0.95	0.91	0.89	0.90	0.90	0.91	0.92	0.93		# of strides	3.99	2.70	2.73
wind	0.7 m/s	velocity	5.08	9.35	10.53	10.99	11.24	11.11	11.11	10.99	10.87	10.75	9.66	46.0	7.52	11.11	10.99

Yan Shisong (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	1.97	3.10	4.12	5.13	6.10	7.09	8.12	9.16	10.21	11.27	11.27	1 / 6			
reaction time	0.186	interval		1.13	1.02	1.01	0.97	0.99	1.03	1.04	1.05	1.06		# of strides	4.12	2.97	3.12
wind	-0.1 m/s	velocity	5.08	8.85	9.80	9.90	10.31	10.10	9.71	9.62	9.52	9.43	8.87	49.7	7.28	10.10	9.62

Yanagita, Hiroki (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	25-May-24	time	1.91	2.96	3.92	4.82	5.71	6.59	7.48	8.39	9.32	10.26	10.26	8 / 8			
reaction time	0.130	interval		1.05	0.96	0.90	0.89	0.88	0.89	0.91	0.93	0.94		# of strides	3.92	2.67	2.73
wind	1.2 m/s	velocity	5.24	9.52	10.42	11.11	11.24	11.36	11.24	10.99	10.75	10.64	9.75	45.5	7.65	11.24	10.99

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) — *Shibayama (2021) - national high school and U20 national championhsips*

date	29-Jul-21	time	1.91	2.98	3.94	4.86	5.76	6.65	7.55	8.45	9.37	10.31	10.31	6 / 1			
reaction time	0.139	interval		1.07	0.96	0.92	0.90	0.89	0.90	0.90	0.92	0.94		# of strides	3.94	2.71	2.72
wind	1.8 m/s	velocity	5.24	9.35	10.42	10.87	11.11	11.24	11.11	11.11	10.87	10.64	9.70		7.61	11.07	11.03

FINAL - 2020 Japanese National Championships (Niigata, JPN) — *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.90	2.97	3.94	4.86	5.76	6.67	7.58	8.50	9.45	10.43	10.43	2 / 7			
reaction time	0.151	interval		1.07	0.97	0.92	0.90	0.91	0.91	0.92	0.95	0.98		# of strides	3.94	2.73	2.78
wind	-0.2 m/s	velocity	5.26	9.35	10.31	10.87	11.11	10.99	10.99	10.87	10.53	10.20	9.59	44.5	7.61	10.99	10.79

Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN) — *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.87	2.95	3.91	4.83	5.73	6.63	7.52	8.42	9.33	10.25	10.27	3 / 4			
reaction time	0.157	interval		1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	PB	# of strides	3.91	2.72	2.70
wind	0.7 m/s	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.74	46.9	7.67	11.03	11.11

Yang Chun-Han (TPE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2019 Asian Athletics Championships (Doha, QAT) — *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	22-Apr-19	time	1.91	2.98	3.94	4.86	5.76	6.66	7.55	8.45	9.36	10.28	10.28	3 / 5			
reaction time	0.141	interval		1.07	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92		# of strides	3.94	2.72	2.70
wind	1.5 m/s	velocity	5.24	9.35	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.73	48.0	7.61	11.03	11.11

FINAL - 2018 Asian Games (Jakarta, INA) — *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.88	2.95	3.90	4.81	5.70	6.57	7.45	8.34	9.24	10.17	10.17	5 / 5			
reaction time	0.146	interval		1.07	0.95	0.91	0.89	0.87	0.88	0.89	0.90	0.93		# of strides	3.90	2.67	2.67
wind	0.8 m/s	velocity	5.32	9.35	10.53	10.99	11.24	11.49	11.36	11.24	11.11	10.75	9.83	48.6	7.69	11.24	11.24

Yang Jun (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) — *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	1.98	3.01	4.00	4.91	5.81	6.71	7.61	8.52	9.44	10.40	10.40	5 / 3			
reaction time	0.190	interval		1.03	0.99	0.91	0.90	0.90	0.90	0.91	0.92	0.96	PB	# of strides	4.00	2.71	2.73
wind	1.0 m/s	velocity	5.05	9.71	10.10	10.99	11.11	11.11	11.11	10.99	10.87	10.42	9.62	46.0	7.50	11.07	10.99

Heat 5 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) — *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	2.03	3.06	4.02	4.97		6.76	7.69	8.60	9.51	10.47	10.47	9 / 1			
reaction time	0.191	interval		1.03	0.96	0.95		1.79	0.93	0.91	0.91	0.96		# of strides	4.02	2.74	2.75
wind	-0.6 m/s	velocity	4.93	9.71	10.42	10.53		11.17	10.75	10.99	10.99	10.42	9.55	45.5	7.46	10.95	10.91

FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN) — *Shandong Athletics Sport Science (2024)*

date	14-May-24	time	1.95	2.99	3.97	4.94	5.86	6.74	7.64	8.57	9.53	10.49	10.49	7 / 3			
reaction time	0.151	interval		1.04	0.98	0.97	0.92	0.88	0.90	0.93	0.96	0.96		# of strides	3.97	2.77	2.79
wind	0.0 m/s	velocity	5.13	9.62	10.20	10.31	10.87	11.36	11.11	10.75	10.42	10.42	9.53	46.5	7.56	10.83	10.75

Yano, Shogo (JPN) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2007 Japanese National High School Championships (Saga, JPN) — *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time		3.04	4.02	4.97	5.91	6.85	7.78	8.73	9.69	10.70	10.70	2 / 3			
reaction time		interval			0.98	0.95	0.94	0.94	0.93	0.95	0.96	1.01		# of strides	4.02	2.83	2.84
wind	0.7 m/s	velocity		6.58	10.20	10.53	10.64	10.64	10.75	10.53	10.42	9.90	9.35		7.46	10.60	10.56

Yaseen, Taha Hussein (IRQ) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 7 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.95	3.05	4.02	4.95	5.87	6.79	7.70	8.62	9.57	10.50	10.50	9 / 9			
reaction time	0.151	interval		1.10	0.97	0.93	0.92	0.92	0.91	0.92	0.95	0.93		# of strides	4.02	2.77	2.78
wind	0.3 m/s	velocity	5.13	9.09	10.31	10.75	10.87	10.87	10.99	10.87	10.53	10.75	9.52	48.0	7.46	10.83	10.79

Prelim 4 - 2024 Olympic Games (Paris, FRA) — *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.05	4.02	4.94	5.86	6.77	7.70	8.62	9.56	10.51	10.51	9 / 4			
reaction time	0.159	interval		1.09	0.97	0.92	0.92	0.91	0.93	0.92	0.94	0.95		# of strides	4.02	2.75	2.79
wind	0.2 m/s	velocity	5.10	9.17	10.31	10.87	10.87	10.99	10.75	10.87	10.64	10.53	9.51	48.2	7.46	10.91	10.75

Ye Tianyu (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) — *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	3.01	3.97	4.90	5.80	6.71	7.61	8.53	9.47	10.44	10.44	8 / 7			

reaction time	0.166	interval		1.06	0.96	0.93	0.90	0.91	0.90	0.92	0.94	0.97		# of strides	3.97	2.74	2.76
wind	-0.2 m/s	velocity	5.13	9.43	10.42	10.75	11.11	10.99	11.11	10.87	10.64	10.31	9.58	47.5	7.56	10.95	10.87

Semi-Final 2 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	28-May-24	time	1.95	2.97	3.94	4.87	5.79	6.71	7.62	8.55	9.47	10.45	10.45	9 / 2			
reaction time	0.169	interval		1.02	0.97	0.93	0.92	0.92	0.91	0.93	0.92	0.98		# of strides	3.94	2.77	2.76
wind	0.6 m/s	velocity	5.13	9.80	10.31	10.75	10.87	10.87	10.99	10.75	10.87	10.20	9.57	48.0	7.61	10.83	10.87

Yelin Yanheng (CHN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN) *Shandong Athletics Sport Science (2024)*

date	27-May-24	time	1.97	3.02	3.98		6.70	7.63	8.55	9.51	10.46	10.46	5 / 1			
reaction time	0.208	interval		1.05	0.96		2.72	0.93	0.92	0.96	0.95		# of strides	3.98	2.72	2.81
wind	-0.2 m/s	velocity	5.08	9.52	10.42		11.03	10.75	10.87	10.42	10.53	9.56	47.2	7.54	11.03	10.68

Yepishin, Andrey (RUS) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time			3.98		5.80	6.71				6.71	1 / 6			
reaction time	0.174	interval					1.82	0.91					# of strides	3.98	2.73	
		velocity			7.54		10.99	10.99				8.94	30.7	7.54	10.99	

Yoshichi, Sota (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.08		6.98			9.82	10.80	10.80	4 / 2			
reaction time		interval					2.90			2.84	0.98		# of strides	4.08	2.90	2.84
wind	3.3 m/s	velocity			7.35		10.34			10.56	10.20	9.26	49.5	7.35	10.34	10.56

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.18		7.00			9.97	10.99	10.99	1 / 4			
reaction time		interval					2.82			2.97	1.02		# of strides	4.18	2.82	2.97
wind	1.5 m/s	velocity			7.18		10.64			10.10	9.80	9.10	51.5	7.18	10.64	10.10

Yoshida, Kohei (JPN) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2007 Japanese National High School Championships (Saga, JPN) *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time		3.05	4.08	5.00	5.94	6.88	7.82	8.78	9.75	10.78	10.78	3 / 6			
reaction time		interval			1.03	0.92	0.94	0.94	0.94	0.96	0.97	1.03		# of strides	4.08	2.80	2.87
wind	0.7 m/s	velocity		6.56	9.71	10.87	10.64	10.64	10.64	10.42	10.31	9.71	9.28		7.35	10.71	10.45

Young, Isiah (USA) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2022) - diamond league race analysis*

date	09-Jun-22	time		2.98		4.87		6.67		8.48		10.35	10.35	4 / 8			
reaction time	0.125	interval				1.89		1.80		1.81		1.87		# of strides			
wind	-0.2 m/s	velocity		6.71		10.58		11.11		11.05		10.70	9.66	48.0			

FINAL - 2021 Prefontaine Classic (Eugene, OR) *Omega Timing (2021) - diamond league race analysis*

date	21-Aug-21	time		3.0		4.8		6.5		8.3		9.98	9.98	8 / 8			
reaction time	0.120	interval				1.80		1.70		1.80		1.68		# of strides			
wind	2.9 m/s	velocity		6.67		11.11		11.76		11.11		11.90	10.02	46.5			

FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) *Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time		3.0		4.9		6.7		8.4		10.21	10.21	1 / 7			
reaction time	0.168	interval				1.90		1.80		1.70		1.81		# of strides			
wind	0.4 m/s	velocity		6.67		10.53		11.11		11.76		11.05	9.79	48.0			

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

date	04-Jul-21	time		3.0		4.8		6.6		8.4		10.13	10.13	2 / 4			
reaction time	0.142	interval				1.80		1.80		1.80		1.73		# of strides			
wind	-0.8 m/s	velocity		6.67		11.11		11.11		11.11		11.56	9.87	47.2			

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	20-May-18	time	1.87	2.93	3.88	4.79	5.67	6.55	7.42	8.31	9.21	10.13	10.13	8 / 3			
reaction time	0.140	interval		1.06	0.95	0.91	0.88	0.88	0.87	0.89	0.90	0.92		# of strides	3.88	2.67	2.66
wind	-0.7 m/s	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.49	11.24	11.11	10.87	9.87	48.3	7.73	11.24	11.28

Youssouf, Mahamat Goubaye (CHA) (19

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Invitational FINAL - 2025 Jetour Doha Meeting (Doha, QAT) *Omega Timing (2025) - diamond league race analysis*

date	16-May-25	time	1.91	3.01	3.97	4.89	5.79	6.68	7.56	8.45	9.43	10.61	10.61	1 / 5			
reaction time	0.188	interval		1.10	0.96	0.92	0.90	0.89	0.88	0.89	0.98	1.18		# of strides	3.97	2.71	2.75
wind	1.1 m/s	velocity	5.24	9.09	10.42	10.87	11.11	11.24	11.36	11.24	10.20	8.47	9.43		7.56	11.07	10.91

FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*

date	28-May-21	time		3.2		5.0		6.8		8.5		10.26	10.26	4 / 2			
reaction time	0.163	interval				1.80		1.80		1.70		1.76	PB	# of strides			

wind	0.9 m/s	velocity		6.25		11.11		11.11		11.76		11.36	9.75	44.0		

Yu Duhao (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	1.95	2.98	3.94	4.84	5.74	6.65	7.57	8.52	9.47	10.48	10.48	2 / 8			
reaction time	0.164	interval		1.03	0.96	0.90	0.90	0.91	0.92	0.95	0.95	1.01		# of strides	3.94	2.71	2.82
wind	1.1 m/s	velocity	5.13	9.71	10.42	11.11	11.11	10.99	10.87	10.53	10.53	9.90	9.54	47.0	7.61	11.07	10.64
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-Jun-24	time	1.94	2.97	3.94	4.86	5.77	6.68	7.60	8.52	9.49	10.47	10.47	9 / 4			
reaction time	0.164	interval		1.03	0.97	0.92	0.91	0.91	0.92	0.92	0.97	0.98		# of strides	3.94	2.74	2.81
wind	-0.6 m/s	velocity	5.15	9.71	10.31	10.87	10.99	10.99	10.87	10.87	10.31	10.20	9.55	46.5	7.61	10.95	10.68

Yu, Matsuura (JPN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	26-May-18	time			4.10			6.97			9.88	10.89	10.89	1 / 4			
reaction time		interval						2.87			2.91	1.01		# of strides	4.10	2.87	2.91
wind	2.3 m/s	velocity			7.32			10.45			10.31	9.90	9.18	50.8	7.32	10.45	10.31
FINAL - 2017 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	27-May-17	time			4.07			6.93				10.92	10.92	8 / 3			
reaction time		interval						2.86				3.99		# of strides	4.07	2.86	
wind	2.1 m/s	velocity			7.37			10.49				10.03	9.16	51.5	7.37	10.49	

Zail, Emil (SWE) (1987)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
B FINAL - 2011 Windsprint (Sundsvall, SWE)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date	31-Jul-11	time			4.08			6.88		8.74		10.67	10.67	2 / 4			
reaction time		interval						2.80		1.86		1.93	PB	# of strides	4.08	2.80	
wind	2.0 m/s	velocity			7.35			10.71		10.75		10.36	9.37		7.35	10.71	
B FINAL - 2010 Windsprint (Sundsvall, SWE)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.08			6.92		8.80		10.77	10.77	/ 3			
reaction time		interval						2.84		1.88		1.97		# of strides	4.08	2.84	
wind	1.8 m/s	velocity			7.35			10.56		10.64		10.15	9.29		7.35	10.56	
B FINAL - 2009 Windsprint (Sundsvall, SWE)														*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date	25-Jul-09	time			4.05			6.87		8.75		10.71	10.71	/ 2			
reaction time		interval						2.82		1.88		1.96		# of strides	4.05	2.82	
wind	1.1 m/s	velocity			7.41			10.64		10.64		10.20	9.34		7.41	10.64	

Zakari, Abdul Aziz (GHA) (1976)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 10 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	15-Aug-09	time		3.02	3.99	4.92		6.77		8.59		10.57	10.57	7 / 4			
reaction time	0.157	interval			0.97	0.93		1.85		1.82		1.98		# of strides	3.99	2.78	
wind	-0.3 m/s	velocity		6.62	10.31	10.75		10.81		10.99		10.10	9.46		7.52	10.79	
FINAL - 2001 ISTAF (Berlin, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	31-Aug-01	time		2.93	3.87	4.76		6.50		8.25		10.05	10.05	/ 2			
reaction time	0.151	interval			0.94	0.89		1.74		1.75		1.80		# of strides	3.87	2.63	
wind	0.6 m/s	velocity		6.83	10.64	11.24		11.49		11.43		11.11	9.95		7.75	11.41	

Zálesky, Dominik (CZE) (1995)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	2.04	3.15	4.22	5.25	6.28	7.30	8.33	9.37	10.40	11.47	11.47	1 / 7			
reaction time	0.160	interval		1.11	1.07	1.03	1.03	1.02	1.03	1.04	1.03	1.07		# of strides	4.22	3.08	3.10
wind	-3.4 m/s	velocity	4.90	9.01	9.35	9.71	9.71	9.80	9.71	9.62	9.71	9.35	8.72		7.11	9.74	9.68
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time		3.15		5.21		7.24		9.30		11.36	11.36	2 / 4			
reaction time	0.154	interval				2.06		2.03		2.06		2.06		# of strides			
wind	-1.7 m/s	velocity		6.35		9.71		9.85		9.71		9.71	8.80				

Zamzoun Al-Absi, Saeed Othman (QAT)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2021 Doha Diamond League (Doha, QAT)														*Omega Timing (2021) - diamond league race analysis*			
date	28-May-21	time		3.1		5.1		6.9		8.8		10.60	10.60	1 / 7			
reaction time	0.111	interval				2.00		1.80		1.90		1.80	PB	# of strides			
wind	0.9 m/s	velocity		6.45		10.00		11.11		10.53		11.11	9.43	46.5			

Zeng Keli (CHN) (2006)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	14-Sep-24	time	1.89	2.93	3.91	4.82	5.74	6.65	7.57	8.51	9.45	10.52	10.52	6 / 1			
reaction time	0.190	interval		1.04	0.98	0.91	0.92	0.91	0.92	0.94	0.94	1.07		# of strides	3.91	2.74	2.80

wind	0.6 m/s	velocity	5.29	9.62	10.20	10.99	10.87	10.99	10.87	10.64	10.64	9.35	9.51	45.0	7.67	10.95	10.71

FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	2.99	3.95	4.85	5.70	6.63					6.63	6 / 2			
reaction time	0.155	interval		1.02	0.96	0.90	0.85	0.93						# of strides	3.95	2.68	
		velocity	5.08	9.80	10.42	11.11	11.76	10.75					9.05	29.0	7.59	11.19	

Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.97	2.95	3.94	4.85	5.74	6.66					6.66	5 / 1			
reaction time	0.166	interval		0.98	0.99	0.91	0.89	0.92						# of strides	3.94	2.72	
		velocity	5.08	10.20	10.10	10.99	11.24	10.87					9.01	29.0	7.61	11.03	

Heat 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Mar-24	time	1.99	3.01	3.98	4.86	5.72	6.68					6.68	4 / 1			
reaction time	0.176	interval		1.02	0.97	0.88	0.86	0.96						# of strides	3.98	2.70	
		velocity	5.03	9.80	10.31	11.36	11.63	10.42					8.98	29.0	7.54	11.11	

B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		3.01	4.05	4.97	5.87	6.80					6.80	1 / 4			
reaction time		interval			1.04	0.92	0.90	0.93					**=PB**	# of strides	4.05	2.75	
		velocity		6.64	9.62	10.87	11.11	10.75					8.82	29.2	7.41	10.91	

Zeng Shihan (CHN) (2009)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25	time	2.01	3.13	4.14	5.11	6.07	7.02	7.98	8.95	9.95	10.98	10.98	4 / 4			
reaction time 0.160	interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	1.00	1.03	**PB**	# of strides	4.14	2.88	2.93
wind 0.3 m/s	velocity	4.98	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.00	9.71	9.11		7.25	10.42	10.24

Zetterberg, Johan (SWE) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2010 Windsprint (Sundsvall, SWE)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time			4.12			7.04		9.00		11.03	11.03	/ 1			
reaction time	interval						2.92		1.96		2.03		# of strides	4.12	2.92	
wind 2.8 m/s	velocity			7.28			10.27		10.20		9.85	9.07		7.28	10.27	
C FINAL - 2009 Windsprint (Sundsvall, SWE)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
date 25-Jul-09	time			4.20			7.15		9.14		11.26	11.26	/ 4			
reaction time	interval						2.95		1.99		2.12		# of strides	4.20	2.95	
wind 3.0 m/s	velocity			7.14			10.17		10.05		9.43	8.88		7.14	10.17	
E FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07	time			4.30			7.30		9.34		11.47	11.47	/ 1			
reaction time	interval						3.00		2.04		2.13		# of strides	4.30	3.00	
wind 0.2 m/s	velocity			6.98			10.00		9.80		9.39	8.72		6.98	10.00	

Zhang Baozhou (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22	time	2.05	3.08	4.07	5.06	5.98	6.89	7.84	8.83	9.84	10.94	10.94	7 / 6			
reaction time 0.212	interval		1.03	0.99	0.99	0.92	0.91	0.95	0.99	1.01	1.10		# of strides	4.07	2.82	2.95
wind -0.1 m/s	velocity	4.88	9.71	10.10	10.10	10.87	10.99	10.53	10.10	9.90	9.09	9.14	47.2	7.37	10.64	10.17

Zhang Chenshuo (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25	time	2.17	3.41	4.54	5.63	6.70	7.76	8.81	9.89	10.98	12.19	12.19	7 / 9			
reaction time 0.191	interval		1.24	1.13	1.09	1.07	1.06	1.05	1.08	1.09	1.21	**PB**	# of strides	4.54	3.22	3.22
wind 0.3 m/s	velocity	4.61	8.06	8.85	9.17	9.35	9.43	9.52	9.26	9.17	8.26	8.20		6.61	9.32	9.32

Zhang Haijian (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Sep-23	time	1.92	2.97	3.92	4.83	5.73	6.64	7.55	8.48	9.43	10.41	10.41	6 / 6			
reaction time 0.151	interval		1.05	0.95	0.91	0.90	0.91	0.91	0.93	0.95	0.98		# of strides	3.92	2.72	2.79
wind 0.7 m/s	velocity	5.21	9.52	10.53	10.99	11.11	10.99	10.99	10.75	10.53	10.20	9.61	47.5	7.65	11.03	10.75
FINAL - 2023 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 21-Jul-23	time	1.94	2.97	3.94		5.74	6.66	7.55	8.51	9.46	10.45	10.45	8 / 7			
reaction time 0.156	interval		1.03	0.97		1.80	0.92	0.89	0.96	0.95	0.99		# of strides	3.94	2.72	2.80
wind 0.2 m/s	velocity	5.15	9.71	10.31		11.11	10.87	11.24	10.42	10.53	10.10	9.57	47.0	7.61	11.03	10.71
Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2023)*			
date 21-Jul-23	time	1.94	2.97	3.95		5.72	6.61	7.52	8.45	9.39	10.36	10.36	3 / 3			
reaction time 0.154	interval		1.03	0.98		1.77	0.89	0.91	0.93	0.94	0.97		# of strides	3.95	2.66	2.78
wind -0.5 m/s	velocity	5.15	9.71	10.20		11.30	11.24	10.99	10.75	10.64	10.31	9.65	47.2	7.59	11.28	10.79

Heat 4 - 2023 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2023)*

date	21-Jul-23	time	1.93	2.99	3.97	4.91	5.83	6.79	7.70	8.64	9.61	10.62	10.62	4 / 3		
reaction time	0.158	interval		1.06	0.98	0.94	0.92	0.96	0.91	0.94	0.97	1.01		# of strides	3.97	2.82	2.82
wind	-0.6 m/s	velocity	5.18	9.43	10.20	10.64	10.87	10.42	10.99	10.64	10.31	9.90	9.42	48.0	7.56	10.64	10.64

Semi-Final 1 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	1.95	2.99	3.95	4.84	5.74	6.63	7.52	8.42	9.34	10.28	10.28	7 / 2		
reaction time	0.165	interval		1.04	0.96	0.89	0.90	0.89	0.89	0.90	0.92	0.94	PB	# of strides	3.95	2.68	2.71
wind	0.5 m/s	velocity	5.13	9.62	10.42	11.24	11.11	11.24	11.24	11.11	10.87	10.64	9.73	47.0	7.59	11.19	11.07

FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.94	2.99	3.97	4.89	5.82	6.72	7.65	8.57	9.54	10.53	10.53	5 / 3		
reaction time	0.140	interval		1.05	0.98	0.92	0.93	0.90	0.93	0.92	0.97	0.99	PB	# of strides	3.97	2.75	2.82
wind	0.8 m/s	velocity	5.15	9.52	10.20	10.87	10.75	11.11	10.75	10.87	10.31	10.10	9.50	48.2	7.56	10.91	10.64

Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) *Shandong Athletics Sport Science (2023)*

date	26-Apr-23	time	1.95	2.99	3.97	4.87	5.77	6.69	7.62	8.56	9.54	10.56	10.56	6 / 2		
reaction time	0.144	interval		1.04	0.98	0.90	0.90	0.92	0.93	0.94	0.98	1.02		# of strides	3.97	2.72	2.85
wind	-1.6 m/s	velocity	5.13	9.62	10.20	11.11	11.11	10.87	10.75	10.64	10.20	9.80	9.47	47.7	7.56	11.03	10.53

Zhang Jialun (CHN) (2005)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	14-Sep-24	time	1.92	2.98	3.97	4.89	5.82	6.73	7.65	8.57	9.51	10.54	10.54	3 / 3		
reaction time	0.164	interval		1.06	0.99	0.92	0.93	0.91	0.92	0.92	0.94	1.03		# of strides	3.97	2.76	2.78
wind	0.6 m/s	velocity	5.21	9.43	10.10	10.87	10.75	10.99	10.87	10.87	10.64	9.71	9.49	46.2	7.56	10.87	10.79

Zhang Peiming (CHN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.90	3.00	3.95	4.89	5.82	6.72	7.60	8.49	9.40	10.34	10.34	9 / 6		
reaction time	0.15	interval		1.10	0.95	0.94	0.93	0.90	0.88	0.89	0.91	0.94		# of strides	3.95	2.77	2.68
wind	0.3 m/s	velocity	5.26	9.09	10.53	10.64	10.75	11.11	11.36	11.24	10.99	10.64	9.67	47.5	7.59	10.83	11.19

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	10-May-15	time	1.93	2.99	3.93	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	7 / 5		
reaction time		interval		1.06	0.94	0.91	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.93	2.69	2.69
wind	-0.1 m/s	velocity	5.18	9.43	10.64	10.99	11.24	11.24	11.36	11.11	10.99	10.75	9.77	46.7	7.63	11.15	11.15

Zhang Renjie (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.09	4.07	5.01	5.94	6.85	7.77	8.70	9.64	10.60	10.60	1 / 5		
reaction time	0.177	interval		1.09	0.98	0.94	0.93	0.91	0.92	0.93	0.94	0.96		# of strides	4.07	2.78	2.79
wind	-0.3 m/s	velocity	5.00	9.17	10.20	10.64	10.75	10.99	10.87	10.75	10.64	10.42	9.43	49.0	7.37	10.79	10.75

Zhang Sai (CHN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.00	3.09	4.05	5.00	5.89	6.81	7.74	8.64	9.59	10.56	10.56	3 / 3		
reaction time	0.235	interval		1.09	0.96	0.95	0.89	0.92	0.93	0.90	0.95	0.97		# of strides	4.05	2.76	2.78
wind	-0.6 m/s	velocity	5.00	9.17	10.42	10.53	11.24	10.87	10.75	11.11	10.53	10.31	9.47	49.0	7.41	10.87	10.79

Heat 11 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN) *Shandong Athletics Sport Science (2023)*

date	02-Jun-23	time	2.08	3.13	4.10	5.04	5.96	6.87	7.78	8.70	9.66	10.62	10.62	6 / 1		
reaction time		interval		1.05	0.97	0.94	0.92	0.91	0.91	0.92	0.96	0.96		# of strides	4.10	2.77	2.79
wind	-0.7 m/s	velocity	4.81	9.52	10.31	10.64	10.87	10.99	10.99	10.87	10.42	10.42	9.42	49.2	7.32	10.83	10.75

Zhang Tao (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	26-Apr-25	time	1.98	3.07	4.04	4.98	5.90	6.80	7.70	8.63	9.59	10.55	10.55	5 / 1		
reaction time	0.156	interval		1.09	0.97	0.94	0.92	0.90	0.90	0.93	0.96	0.96	PB	# of strides	4.04	2.76	2.79
wind	0.5 m/s	velocity	5.05	9.17	10.31	10.64	10.87	11.11	11.11	10.75	10.42	10.42	9.48		7.43	10.87	10.75

Zhang Xian (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2024)*

date	02-Jun-24	time	1.97	3.03	4.00	4.93	5.82	6.72	7.63	8.55	9.48	10.47	10.47	4 / 6		
reaction time	0.173	interval		1.06	0.97	0.93	0.89	0.90	0.91	0.92	0.93	0.99		# of strides	4.00	2.72	2.76
wind	1.0 m/s	velocity	5.08	9.43	10.31	10.75	11.24	11.11	10.99	10.87	10.75	10.10	9.55	43.7	7.50	11.03	10.87

Zhang Zhen (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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

date	26-Apr-25	time	2.03	3.15	4.18	5.17	6.14	7.11	8.08	9.08	10.09	11.14	11.14	6 / 6		
reaction time	0.146	interval		1.12	1.03	0.99	0.97	0.97	0.97	1.00	1.01	1.05	PB	# of strides	4.18	2.93	2.98
wind	0.3 m/s	velocity	4.93	8.93	9.71	10.10	10.31	10.31	10.31	10.00	9.90	9.52	8.98		7.18	10.24	10.07

Zheng Chen (CHN) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1984 ???? (Nanjing, CHN)												*Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*			
date 06-Jun-84	time		3.98			6.75		8.55		10.43	10.43	/ 1			
reaction time	interval					2.77		1.80		1.88	**PB**	# of strides	3.98	2.77	
wind ???	velocity		7.54			10.83		11.11		10.64	9.59	46.5	7.54	10.83	

Zheng Yongyuan (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National - Heat B - 2025 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2025) - diamond league race analysis*			
date 26-Apr-25	time	1.98	3.10	4.12	5.07	6.04	6.98	7.94	8.91	9.90	10.92	10.92	3 / 3		
reaction time 0.151	interval		1.12	1.02	0.95	0.97	0.94	0.96	0.97	0.99	1.02	**PB**	# of strides	4.12	2.86	2.92
wind 0.3 m/s	velocity	5.05	8.93	9.80	10.53	10.31	10.64	10.42	10.31	10.10	9.80	9.16		7.28	10.49	10.27

Zhong Zhihao (CHN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23	time	2.01	3.11	4.10	5.06	5.99	6.94	7.86	8.80	9.74	10.74	10.74	4 / 2		
reaction time 0.184	interval		1.10	0.99	0.96	0.93	0.95	0.92	0.94	0.94	1.00		# of strides	4.10	2.84	2.80
wind 0.6 m/s	velocity	4.98	9.09	10.10	10.42	10.75	10.53	10.87	10.64	10.64	10.00	9.31	50.5	7.32	10.56	10.71
B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2023)*			
date 25-Feb-23	time	1.95	3.07	4.04	4.96	5.88	6.81					6.81	6 / 3		
reaction time 0.172	interval		1.12	0.97	0.92	0.92	0.93						# of strides	4.04	2.77	
	velocity	5.13	8.93	10.31	10.87	10.87	10.75					8.81	32.0	7.43	10.83	

Zhou Guojun (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-Feb-24	time		2.97	3.99	4.91	5.82	6.76					6.76	5 / 2		
reaction time	interval			1.02	0.92	0.91	0.94						# of strides	3.99	2.77	
	velocity		6.73	9.80	10.87	10.99	10.64					8.88	29.7	7.52	10.83	
Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2023)*			
date 16-Mar-23	time	1.95	3.02	4.02	4.94	5.88	6.82					6.82	3 / 2		
reaction time 0.189	interval		1.07	1.00	0.92	0.94	0.94						# of strides	4.02	2.80	
	velocity	5.13	9.35	10.00	10.87	10.64	10.64					8.80	29.0	7.46	10.71	

Zhoya, Sasha (FRA) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Short Hurdles - 2025 Grand Slam Track Miami (Miramar, FL)												*Grand Slam Track (2025) - results and splits by race*			
date 04-May-25	time	1.98	3.02	3.98	4.89	5.80	6.71	7.58	8.59	9.53	10.36	10.36	5 / 3		
reaction time 0.170	interval		1.04	0.96	0.91	0.91	0.91	0.87	1.01	0.94	0.83	**PB**	# of strides	3.98	2.73	2.82
wind 0.7 m/s	velocity	5.05	9.62	10.42	10.99	10.99	10.99	11.49	9.90	10.64	12.05	9.65	46.0	7.54	10.99	10.64

Zich, Václav (CZE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	1.99	3.07	4.05	5.00	5.93	6.85	7.77	8.70	9.65	10.62	10.62	7 / 4		
reaction time 0.156	interval		1.08	0.98	0.95	0.93	0.92	0.92	0.93	0.95	0.97		# of strides	4.05	2.80	2.80
wind 0.8 m/s	velocity	5.03	9.26	10.20	10.53	10.75	10.87	10.87	10.75	10.53	10.31	9.42		7.41	10.71	10.71
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time		3.05		5.01		6.85		8.73		10.65	10.65	5 / 2		
reaction time 0.138	interval				1.96		1.84		1.88		1.92		# of strides			
wind -1.2 m/s	velocity		6.56		10.20		10.87		10.64		10.42	9.39				
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.92	3.02	4.00	4.93	5.85	6.78					6.78	3 / 3		
reaction time 0.110	interval		1.10	0.98	0.93	0.92	0.93					**PB**	# of strides	4.00	2.78	
	velocity	5.21	9.09	10.20	10.75	10.87	10.75					8.85		7.50	10.79	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.95	3.07	4.08	4.99	5.90	6.84					6.84	3 / 2		
reaction time 0.126	interval		1.12	1.01	0.91	0.91	0.94						# of strides	4.08	2.76	
	velocity	5.13	8.93	9.90	10.99	10.99	10.64					8.77		7.35	10.87	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.97	3.09	4.08	5.02	5.99	6.97					6.97	5 / 2		
reaction time 0.133	interval		1.12	0.99	0.94	0.97	0.98						# of strides	4.08	2.89	
	velocity	5.08	8.93	10.10	10.64	10.31	10.20					8.61		7.35	10.38	

Žilka, Libor (CZE) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - men's 60m*			
date 25-Feb-12	time	1.88	2.98	3.95	4.90	5.80	6.73					6.73	4 / 1		
reaction time 0.127	interval		1.10	0.97	0.95	0.90	0.93						# of strides	3.95	2.78	
	velocity	5.32	9.09	10.31	10.53	11.11	10.75					8.92		7.59	10.79	

Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.91	3.02	3.97	4.91	5.84	6.78	6.78	4 / 1		
reaction time	0.121	interval		1.11	0.95	0.94	0.93	0.94		# of strides	3.97	2.81
		velocity	5.24	9.01	10.53	10.64	10.75	10.64	8.85		7.56	10.68

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE) *Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.91	3.03	4.00	4.95	5.88	6.83	6.83	4 / 1		
reaction time	0.123	interval		1.12	0.97	0.95	0.93	0.95		# of strides	4.00	2.83
		velocity	5.24	8.93	10.31	10.53	10.75	10.53	8.78		7.50	10.60

Zirignon, Jean Christian (SWE) (1995)

B FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-17	time			4.13		6.03	6.96		8.86		10.83	10.83	6 / 2			
reaction time		interval					1.90	0.93		1.90		1.97		# of strides	4.13	2.83	
wind	1.5 m/s	velocity			7.26		10.53	10.75		10.53		10.15	9.23		7.26	10.60	

C FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time			4.07			6.90		8.82		10.80	10.80	6 / 1			
reaction time		interval						2.83		1.92		1.98		# of strides	4.07	2.83	
wind	1.0 m/s	velocity			7.37			10.60		10.42		10.10	9.26		7.37	10.60	

C FINAL - 2014 Windsprint (Sundsvall, SWE) *(2014) - www.ssg.se/windsprint/Splittider/*

date	20-Jul-14	time			4.09			6.95		8.87		10.85	10.85	7 / 5			
reaction time		interval						2.86		1.92		1.98	PB	# of strides	4.09	2.86	
wind	0.3 m/s	velocity			7.33			10.49		10.42		10.10	9.22		7.33	10.49	

B FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*

date	28-Jul-13	time			4.13			6.97		8.88		10.89	10.89	5 / 8			
reaction time		interval						2.84		1.91		2.01		# of strides	4.13	2.84	
wind	1.1 m/s	velocity			7.26			10.56		10.47		9.95	9.18		7.26	10.56	

D FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time			4.22			7.14		9.12		11.18	11.18	/ 6			
reaction time		interval						2.92		1.98		2.06		# of strides	4.22	2.92	
wind	2.5 m/s	velocity			7.11			10.27		10.10		9.71	8.94		7.11	10.27	

Zohri, Lalu Muhammad (INA) (2000)

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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-24	time	1.94	3.00	3.95	4.85	5.74	6.62	7.53	8.44	9.36	10.26	10.26	3 / 6			
reaction time	0.153	interval		1.06	0.95	0.90	0.89	0.88	0.91	0.91	0.92	0.90		# of strides	3.95	2.67	2.74
wind	0.6 m/s	velocity	5.15	9.43	10.53	11.11	11.24	11.36	10.99	10.99	10.87	11.11	9.75	46.0	7.59	11.24	10.95

Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.94	3.00	3.95	4.87	5.77	6.66	7.56	8.48	9.41	10.35	10.35	2 / 2			
reaction time	0.157	interval		1.06	0.95	0.92	0.90	0.89	0.90	0.92	0.93	0.94		# of strides	3.95	2.71	2.75
wind	-0.4 m/s	velocity	5.15	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.75	10.64	9.66	47.0	7.59	11.07	10.91

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	19-May-19	time	1.90	2.94	3.87	4.77	5.64	6.50	7.36	8.24	9.12	10.03	10.03	9 / 3			
reaction time	0.179	interval		1.04	0.93	0.90	0.87	0.86	0.86	0.88	0.88	0.91	NR AJR PB	# of strides	3.87	2.63	2.62
wind	1.7 m/s	velocity	5.26	9.62	10.75	11.11	11.49	11.63	11.63	11.36	11.36	10.99	9.97	44.3	7.75	11.41	11.45

FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.90	2.95	3.90	4.80	5.68	6.55	7.43	8.33	9.25	10.20	10.20	7 / 5			
reaction time	0.145	interval		1.05	0.95	0.90	0.88	0.87	0.88	0.90	0.92	0.95	PB	# of strides	3.90	2.65	2.70
wind	0.8 m/s	velocity	5.26	9.52	10.53	11.11	11.36	11.49	11.36	11.11	10.87	10.53	9.80	44.8	7.69	11.32	11.11

Zorzi, Axel (FRA) (1997) (T13)

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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	17-Sep-23	time	2.06	3.19	4.20	5.19	6.17	7.15	8.14	9.17	10.20	11.29	11.29	3 / 4			
reaction time	0.166	interval		1.13	1.01	0.99	0.98	0.98	0.99	1.03	1.03	1.09		# of strides	4.20	2.95	3.05
wind	0.0 m/s	velocity	4.85	8.85	9.90	10.10	10.20	10.20	10.10	9.71	9.71	9.17	8.86	49.7	7.14	10.17	9.84

Žouželka, Jaroslav (CZE) (1995)

Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	28-Jun-14	time		3.26		5.38		7.47		9.57		11.72	11.72	8 / 3			
reaction time	0.215	interval				2.12		2.09		2.10		2.15		# of strides			
wind	-3.6 m/s	velocity		6.13		9.43		9.57		9.52		9.30	8.53				

ATHLETE
FIRST
ATHLETEFIRST.ORG