

## Men's 100m Split Times - by athlete

LAST UPDATE: 5-Mar-25

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Aberg, Oskar (SWE) (1989)</b>																	
<b>B FINAL - 2012 Windsprint (Sundsvall, SWE)</b>		<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
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>B FINAL - 2010 Windsprint (Sundsvall, SWE)</b>		<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>															
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		
<b>Abeykoon, Yupun (SRI) (1994)</b>																	
<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>		<i>Omega Timing (2024) - diamond league race analysis</i>															
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
<b>National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>		<i>Omega Timing (2024) - diamond league race analysis</i>															
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		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
<b>FINAL - 2022 Weltklasse (Zürich, SUI)</b>		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	08-Sep-22	time		2.98		4.83		6.58		8.34		10.14	10.14	1 / 5			
reaction time		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			
<b>FINAL - 2022 Commonwealth Games (Birmingham, GBR)</b>		<i>Longines Timing (2022) - commonwealth games race analysis</i>															
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			
<b>Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)</b>		<i>Longines Timing (2022) - commonwealth games race analysis</i>															
date	03-Aug-22	time		2.9		4.8		6.5		8.3		10.20	10.20	7 / 4			
reaction time		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			
<b>FINAL - 2022 Bauhaus Galan (Stockholm, SWE)</b>		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	30-Jun-22	time		3.14		4.98		6.71		8.45		10.21	10.21	4 / 4			
reaction time		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			
<b>FINAL - 2022 Bislett Games (Oslo, NOR)</b>		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	16-Jun-22	time		3.01		4.86		6.60		8.35		10.16	10.16	7 / 5			
reaction time		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			
<b>Abrahams, Guy (PAN) (1953)</b>																	
<b>FINAL - 1976 Olympic Games (Montreal, CAN)</b>		<i>Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run</i>															
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	<b>PB</b>	# 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		
<b>Adam, Ibadulla (MDV) (2002)</b>																	
<b>Prelim 4 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>															
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		interval		1.09	0.97	0.94	0.90	0.90	0.93	0.95	0.97	0.98	<b>PB</b>	# 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
<b>Adigida, Onyema (NED) (2000)</b>																	
<b>National FINAL - 2024 London Athletics Meet (London, GBR)</b>		<i>Omega Timing (2024) - diamond league race analysis</i>															
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		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
<b>National - Heat 1 - 2023 FBK Games (Hengelo, NED)</b>		<i>Omega Timing (2023) - continental tour race analysis</i>															
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		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

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Abrantes, Arnaldo (POR) (1986)</b>																	
<b>Quarter-Final 1</b> - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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	1.87	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						
<b>Heat 1</b> - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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	1.86	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						
<b>Abiko, Mitsuhiro (JPN) (1988)</b>																	
<b>Race 1</b> - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>					
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
<b>Adams, Harry (USA) (1989)</b>																	
<b>FINAL</b> - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)												<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>					
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
<b>Adegoke, Enoch (NGR) (2000)</b>																	
<b>FINAL</b> - 2020 Olympic Games (Tokyo, JPN)												<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>					
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		
<b>Adeniken, Olapade (NGR) (1969)</b>																	
<b>FINAL</b> - 1992 Olympic Games (Barcelona, ESP)												<i>Arnold (1992) - 1992 Olympic report: 100m men</i>					
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	1.78	# of strides							
wind	0.5 m/s	velocity	6.64		10.93	11.49	11.36	11.24	9.88	46.0							
<b>Semi-Final 1</b> - 1988 Olympic Games (Seoul, KOR)												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>					
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	
<b>Adeyanju, Iziak (NGR) (1959)</b>																	
<b>Semi-Final 2</b> - 1988 Olympic Games (Seoul, KOR)												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>					
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			
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	
<b>Adolfsson, Henrik (SWE) (1988)</b>																	
<b>C FINAL</b> - 2007 Windsprint (Sundsvall, SWE)												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	24-Jul-07	time	4.23			7.24	9.31	11.40	11.40	7 / 7							
reaction time		interval				3.01	2.07	2.09	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						
<b>Afrifa, Elvis (NED) (1997)</b>																	
<b>Invitational</b> - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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	
<b>Aikines-Aryeetey, Harry (GBR) (1988)</b>																	
<b>FINAL</b> - 2022 FBK Games (Hengelo, NED)												<i>Omega Timing (2022) - continental tour race analysis</i>					
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	1.92	# of strides							
wind	-0.3 m/s	velocity	6.67		10.53	11.11	10.53	10.42	9.51	49.0							
<b>FINAL</b> - 2020 New Balance Indoor Grand Prix (Boston, MA)												<i>PrimeTime Timing (2020) - https://results.nbindoorgandprix.com/</i>					
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					
wind		velocity	4.65	9.43	10.53	10.87	11.11	13.33	8.92	31.5	7.21	11.67					
<b>Heat 1</b> - 2019 Müller Grand Prix (Birmingham, GBR)												<i>Omega Timing (2019) - diamond league race analysis</i>					
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										
<b>FINAL - 2013 European Indoor Championships (Göteborg, SWE)</b>													<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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										
wind		velocity	6.73	10.70	11.17			9.05										28.7
<b>B FINAL - 2009 ISTAF (Berlin, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
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			
<b>Ailikuti Yishake (CHN) (2002)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>					
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		
wind		velocity	5.08	9.80	10.42	10.87	11.11	10.75					8.96	30.0	7.59	10.91		
<b>Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>					
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		
wind		velocity	5.13	9.71	10.20	11.11	11.11	10.64					8.96	30.0	7.58	10.95		
<b>Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>					
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		
wind		velocity	4.98	9.71	10.42	10.87	10.99	10.87					8.89	30.0	7.50	10.91		
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>					
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		
wind		velocity	5.13	9.43	10.42	10.75	10.87	11.11					8.93	30.0	7.56	10.91		
<b>Heat 12 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>					
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					<b>PB</b>	# of strides	3.97	2.72		
wind		velocity	5.10	9.52	10.42	11.11	10.99	10.99					8.97	30.0	7.56	11.03		
<b>Ajayi, Kayinsola (NGR) (2004)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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	
<b>Heat 5 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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	
<b>Akiyama, Yuki (JPN) (2001)</b>																		
<b>U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
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		
<b>Al-Balushi, Ali Anwar (OMA) (2002)</b>																		
<b>Heat 3 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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	
<b>Al Abboodi, Fam (IRQ) (1992)</b>																		
<b>FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>					
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	
<b>Al-Farhan, Adel Mohamed (BRN) (1979)</b>																		
<b>FINAL - 2008 Asian Indoor Championships (Doha, QAT)</b>													<i>Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008</i>					
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					<b>NR</b>	# 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	
<b>Al-Harhi, Barakat (OMA) (1988)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 2 - 2009 IAAF World Championships (Berlin, GER)</b>												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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		
<b>Al-Salfa, Omar Juma (UAE) (1989)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2008 Asian Indoor Championships (Doha, QAT)</b>												<i>Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008</i>					
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		
<b>Al-Yafae, Samer (YEM) (2005)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Prelim 3 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>Ali, Chituru (ITA) (1999)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)</b>												<i>Omega Timing (2024) - diamond league race analysis</i>					
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
<b>Semi-Final 1 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>Heat 2 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>												<i>Omega Timing (2024) - diamond league race analysis</i>					
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
<b>FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)</b>												<i>Omega Timing (2022) - diamond league race analysis</i>					
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			
<b>Allen, Devon (USA) (1994)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2019 Athletissima (Lausanne, SUI)</b>												<i>Omega Timing (2019) - diamond league race analysis</i>					
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			
<b>Allison, Tarley (SWE) (1997)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>B FINAL - 2016 Windsprint (Sundsvall, SWE)</b>												<i>(2016) - www.windsprint/Splittider/</i>					
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		
<b>Heat 2 - 2016 Windsprint (Sundsvall, SWE)</b>												<i>(2016) - www.windsprint/Splittider/</i>					
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		
<b>Allison, Tarley (LBR) (1997)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>E FINAL - 2014 Windsprint (Sundsvall, SWE)</b>												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
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		
<b>Almas, Deniz (GER) (1997)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)</b>												<i>Omega Timing (2020) - diamond league race analysis</i>					
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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Ambepitiya, Shehan (SRI) (1990)</b>																	
<b>Heat 4 - 2009 IAAF World Championships (Berlin, GER)</b>																	
date	15-Aug-09	time	3.05	4.02	4.94	6.79	8.63	10.53	10.53	10.53	10.53	3 / 5					
reaction time	0.175	interval		0.97	0.92	1.85	1.84	1.90	1.90	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	9.50			7.46	10.83			
<b>Amici, Andrea (ITA) (1971)</b>																	
<b>FINAL - 1994 Italian National Championships (Naples, ITA)</b>																	
date	04-Jul-94	time	1.86	3.00	3.99	4.92	5.82	6.74	10.69	10.69	10.69						
reaction time		interval		1.14	0.99	0.93	0.90	0.92	3.95	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			
<b>Amo-Dadzie, Eugene (GBR) (1992)</b>																	
<b>National FINAL - 2024 London Athletics Meet (London, GBR)</b>																	
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	
<b>Andersson, Adam (SWE) (1991)</b>																	
<b>C FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																	
date	24-Jul-07	time		4.25		7.21	9.18	11.23	11.23	11.23	11.23	/ 3					
reaction time		interval				2.96	1.97	2.05	2.05	2.05		# of strides	4.25	2.96			
wind	-0.4 m/s	velocity		7.06		10.14	10.15	9.76	8.90	8.90			7.06	10.14			
<b>Andersen, Andres Stokke (NOR) (1992)</b>																	
<b>F FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																	
date	28-Jul-13	time		4.18		7.09	9.06	11.12	11.12	11.12	11.12	5 / 4					
reaction time		interval				2.91	1.97	2.06	2.06	2.06		# of strides	4.18	2.91			
wind	3.0 m/s	velocity		7.18		10.31	10.15	9.71	8.99	8.99			7.18	10.31			
<b>Andersson, Andreas (SWE) (1991)</b>																	
<b>C FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																	
date	08-Aug-10	time		4.21		7.11	9.01	10.97	10.97	10.97	10.97	/ 3					
reaction time		interval				2.90	1.90	1.96	1.96	1.96		# of strides	4.21	2.90			
wind	2.6 m/s	velocity		7.13		10.34	10.53	10.20	9.12	9.12			7.13	10.34			
<b>Andersson, David (SWE) (1985)</b>																	
<b>D FINAL - 2012 Windsprint (Sundsvall, SWE)</b>																	
date	17-Jun-12	time		4.17		7.06	8.97	10.93	10.93	10.93	10.93	/ 1					
reaction time		interval				2.89	1.91	1.96	1.96	1.96		# of strides	4.17	2.89			
wind	2.5 m/s	velocity		7.19		10.38	10.47	10.20	9.15	9.15			7.19	10.38			
<b>Andersson, Patrik (SWE) (1991)</b>																	
<b>B FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																	
date	26-Jul-15	time		4.05		6.82	8.67	10.56	10.56	10.56	10.56	4 / 2					
reaction time		interval				2.77	1.85	1.89	1.89	1.89		# of strides	4.05	2.77			
wind	0.9 m/s	velocity		7.41		10.83	10.81	10.58	9.47	9.47			7.41	10.83			
<b>B FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	
date	20-Jul-14	time		4.05		6.81	8.67	10.56	10.56	10.56	10.56	5 / 1					
reaction time		interval				2.76	1.86	1.89	1.89	1.89		# of strides	4.05	2.76			
wind	0.3 m/s	velocity		7.41		10.87	10.75	10.58	9.47	9.47			7.41	10.87			
<b>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																	
date	28-Jul-13	time		4.13		6.96	8.86	10.86	10.86	10.86	10.86	6 / 6					
reaction time		interval				2.83	1.90	2.00	2.00	2.00		# of strides	4.13	2.83			
wind	1.1 m/s	velocity		7.26		10.60	10.53	10.00	9.21	9.21			7.26	10.60			
<b>B FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																	
date	08-Aug-10	time		4.20		7.07	8.99	10.96	10.96	10.96	10.96	/ 6					
reaction time		interval				2.87	1.92	1.97	1.97	1.97		# of strides	4.20	2.87			
wind	1.8 m/s	velocity		7.14		10.45	10.42	10.15	9.12	9.12			7.14	10.45			
<b>Angell-Petersen, Børge (NOR) (1983)</b>																	
<b>C FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																	
date	25-Jul-09	time		4.30		7.25	9.21	11.35	11.35	11.35	11.35	/ 6					
reaction time		interval				2.95	1.96	2.14	2.14	2.14		# of strides	4.30	2.95			
wind	3.0 m/s	velocity		6.98		10.17	10.20	9.35	8.81	8.81			6.98	10.17			
<b>C FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																	

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								

<b>Anshah, Owen (GER) (2000)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 3 - 2024 Olympic Games (Paris, FRA)</b>																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
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

<b>Anshah-Pepurah, Lucas (GER) (2000)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)</b>																		
<i>Omega Timing (2022) - diamond league race analysis</i>																		
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		10.53	9.62			46.5			

<b>Antonov, Nikolay (BUL) (1968)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b>																		
<i>Federle (2003) - http://www.fgs.uni-halle.de</i>																		
date	29-Jun-91	time		4.11		6.90		8.76		10.66	10.66	10.66	1 / 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			

<b>Arao, Shogo (JPN) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)</b>																		
<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>																		
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	<b>PB</b>	# 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	

<b>Archibald, Emanuel (GUY) (1994)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
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

<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>																		
<i>Longines Timing (2022) - commonwealth games race analysis</i>																		
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			

<b>Armfelt, Carl (SWE) (1984)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 1 - 2016 Windsprint (Sundsvall, SWE)</b>																		
<i>(2016) - www.windsprint/Splittider/</i>																		
date	31-Jul-16	time		4.21		7.05				11.01	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>B FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																		
<i>(2015) - www.windsprint/Splittider/</i>																		
date	26-Jul-15	time		4.10		6.91		8.79		10.72	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			

<b>C FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																		
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																		
date	20-Jul-14	time		4.10		6.89		8.75		10.65	10.65	10.65	5 / 2					
reaction time		interval				2.79		1.86		1.90	<b>PB</b>		# 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			

<b>C FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																		
<i>(2013) - www.ssg.se/windsprint/Splittider/</i>																		
date	28-Jul-13	time		4.13		6.96		8.85		10.81	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>B FINAL - 2012 Windsprint (Sundsvall, SWE)</b>																		
<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																		
date	17-Jun-12	time		4.13		7.02		8.92		10.89	10.89	10.89	1 / 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			

<b>C FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																		
<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	08-Aug-10	time		4.18		7.05		8.92		10.86	10.86	10.86	1 / 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			

<b>Armstrong, Aaron (USA) (1977)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2003 USATF National Championships (Palo Alto, CA)</b>															
<i>USATF Women's Sprint Development (2003)</i>															



date	20-Jun-03	time	1.99	3.10	4.12	5.07	5.99	6.87	7.77		10.56	10.56	2 / <del>8</del> 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
<b>Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)</b>															
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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	<b>=PB</b>	# 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>B FINAL - 2007 Windsprint (Sundsvall, SWE)</b>															
<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	24-Jul-07	time	4.11	7.04	8.98	11.10	11.10	1 / 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
<b>FINAL - 1989 IAAF World Cup (Barcelona, ESP)</b>															
<i>Pascua (1990) - atletismo (I) carreras y marcha</i>															
date	08-Sep-89	time	3.01	4.91	5.84	6.76	7.69	8.62	10.48	10.48	1 / 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	
<b>FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)</b>																
<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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	1 / 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)**

<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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 / 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)**

<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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 / 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)**

<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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	1 / 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)**

<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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	1 / 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)**

<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																
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 / 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)**

<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																	
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)**

<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																	
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)**

<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																
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	0.87	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)**

<i>Akirabun (2008) - 2007 speed analysis of the men's &amp; women's 100m, 100m hurdles, &amp; 110m hurdles</i>																
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	1 / 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

**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

**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

**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 championships*

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	<b>PB</b>	# 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	<b>NR PB</b>	# 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

**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	<b>NR</b>	# 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

**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



**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

**Axelsson, 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/Splitter/*

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		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		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

**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 - 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)**

**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 1.90 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)**

**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	4.38	6.37	7.37	9.39	11.50	11.50	3 / 3										
reaction time		interval		1.99	1.00	2.02	2.11	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								
<b>Bah, Sulayman (SWE) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>A FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																			
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	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								
<b>Bah, Sulayman (GAM) (1986)</b>																			
<b>A FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																			
date	20-Jul-14	time	4.06		6.81	8.62	10.48	10.48	(2014) - www.ssg.se/windsprint/Splittider/										
reaction time		interval			2.75	1.81	1.86	<b>PB</b>	# 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>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																			
date	28-Jul-13	time	4.10		6.88	8.73	10.65	10.65	(2013) - www.ssg.se/windsprint/Splittider/										
reaction time		interval			2.78	1.85	1.92	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								
<b>Bailey, Daniel (ANT) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2011 IAAF World Championships (Daegu, KOR)</b>																			
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	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	
<b>FINAL - 2009 IAAF World Championships (Berlin, GER)</b>																			
date	16-Aug-09	time	2.92	3.85	4.73		6.48	8.18	9.93	9.93	3 / 4			# of strides	3.85	2.63			
reaction time	0.129	interval		0.93	0.88		1.75	1.70	1.75	1.75					7.79	11.41			
wind	0.9 m/s	velocity	6.85	10.75	11.36		11.43	11.76	11.43	10.07									
<b>Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>																			
date	16-Aug-09	time	2.93	3.86	4.74		6.49	8.19	9.96	9.96	4 / 2			# of strides	3.86	2.63			
reaction time	0.135	interval		0.93	0.88		1.75	1.70	1.77	1.77					48.0	7.77	11.41		
wind	0.2 m/s	velocity	6.83	10.75	11.36		11.43	11.76	11.30	10.04									
<b>Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)</b>																			
date	15-Aug-09	time	2.99	3.89	4.74		6.49	8.20	10.02	10.02	3 / 1			# of strides	3.89	2.60			
reaction time	0.149	interval		0.90	0.85		1.75	1.71	1.82	1.82					7.71	11.54			
wind	0.1 m/s	velocity	6.69	11.11	11.76		11.43	11.70	10.99	9.98									
<b>Heat 5 - 2009 IAAF World Championships (Berlin, GER)</b>																			
date	15-Aug-09	time	2.99	3.93	4.83		6.63	8.42	10.26	10.26	6 / 1			# of strides	3.93	2.70			
reaction time	0.164	interval		0.94	0.90		1.80	1.79	1.84	1.84					7.63	11.11			
wind	-0.7 m/s	velocity	6.69	10.64	11.11		11.11	11.17	10.87	9.75									
<b>FINAL - 2009 ISTAF (Berlin, GER)</b>																			
date	14-Jun-09	time	2.96	3.89	4.78		6.51	8.26	10.03	10.03				# of strides	3.89	2.62			
reaction time	0.204	interval		0.93	0.89		1.73	1.75	1.77	1.77					7.71	11.45			
wind	1.4 m/s	velocity	6.76	10.75	11.24		11.56	11.43	11.30	9.97									
<b>Bailey, Donovan (CAN) (1967)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1997 IAAF World Championships (Athens, GRE)</b>																			
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	
<b>FINAL - 1997 Live (Nurnberg, GER)</b>																			
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	Grosser (2007) - Schnelligkeitsairtraining / 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		
<b>FINAL - 1996 Olympic Games (Atlanta, GA)</b>																			
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	Grosser (2007) - Schnelligkeitsairtraining / 1					
reaction time	0.174	interval		1.03	0.91	0.87	0.84	0.84	0.85	0.85	0.86	0.89	<b>WR</b>	# 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	
<b>FINAL - 1996 Leichtathletik Gala (Duisburg, GER)</b>																			
date	12-Jun-96	time	1.90		3.84		6.41		8.12		9.88	9.88	9.88	Graubner (2007) - http://www.fgs.uni-halle.de / 1					
reaction time		interval			1.94		2.57		1.71		1.76	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			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Bailey, Ryan (USA) (1989)</b>																		
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>						
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		interval		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	
<b>Bailey-Cole, Kemar (JAM) (1992)</b>																		
<b>Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)</b>												<i>Longines Timing (2022) - commonwealth games race analysis</i>						
date	03-Aug-22	time		3.0		4.8		6.6		8.3		10.25	10.25	9 / 4				
reaction time	0.169	interval				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				
<b>Bakalár, Marek (CZE) (1995)</b>																		
<b>FINAL - 2013 Czech Republic National Championships (Tábor, CZE)</b>												<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>						
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	interval		1.01	0.99	0.90	0.91	0.89	0.91	0.93	0.95	0.98	<b>PB</b>	# 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	
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>												<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>						
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					
<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>												<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>						
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		
<b>Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>												<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>						
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		
<b>Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>												<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>						
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		
<b>Baker, Ronnie (USA) (1993)</b>																		
<b>FINAL - 2023 Meeting de Paris (Paris, FRA)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>						
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	interval		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
<b>FINAL - 2023 FBK Games (Hengelo, NED)</b>												<i>Omega Timing (2023) - continental tour race analysis</i>						
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
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>												<i>Omega Timing (2021) - diamond league race analysis</i>						
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				
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>												<i>Omega Timing (2021) - diamond league race analysis</i>						
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				
<b>FINAL - 2020 Olympic Games (Tokyo, JPN)</b>												<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>						
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		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	
<b>Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN)</b>												<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>						
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	<b>PB</b>			# 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	
<b>FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)</b>												<i>Omega Timing (2021) - diamond league race analysis</i>						
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				





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
<b>Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>														<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>			
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				
<b>Bascom, Jeremy (GUY) (1981)</b>																	
<b>FINAL - 2020 Millrose Games (New York, NY)</b>														<i>PrimeTime Timing (2020) - <a href="http://results.nyrrmillrosegames.org/">http://results.nyrrmillrosegames.org/</a></i>			
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	
wind		velocity		6.45		10.64		10.64		10.87		10.99	8.81	31.7	7.43	10.83	
<b>Bednarek, Kenneth (USA) (1998)</b>																	
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
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
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
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
<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
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
<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>														<i>Omega Timing (2022) - diamond league race analysis</i>			
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			
<b>Behrenbruch, Pascal (GER) (1985)</b>																	
<b>Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
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				
<b>Belcher, Christopher (USA) (1994)</b>																	
<b>FINAL - 2019 The Match - Europe v USA (Minsk, BLR)</b>														<i>European Athletics (2019) - race analysis</i>			
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			
<b>FINAL - 2019 Müller Grand Prix (Birmingham, GBR)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>			
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			
<b>Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>			
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				
<b>Benda, Ondrej (CZE) (1985)</b>																	
<b>FINAL - 2013 Czech Republic National Championships (Tábor, CZE)</b>														<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>			
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
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b>														<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>			
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				
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>														<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>			
date	25-Feb-12	time	2.02	3.14	4.15	5.11	6.05	7.04				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
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**Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.03	3.17	4.17	5.11	6.08	7.06
reaction time	0.202	interval	1.14	1.00	0.94	0.97	0.98	
		velocity	4.93	8.77	10.00	10.64	10.31	10.20

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

time	7.06	2 / 4	
# of strides	4.17	2.89	
velocity	8.50	7.19	10.38

**Benda, Pavel (CZE) (1992)**

<b>Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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	

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

time	7.09	6 / 4	
# of strides	4.18	2.91	
velocity	8.46	7.18	10.31

**Benjamin, Kion (TTO) (2000)**

<b>Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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		48.0		

*Longines Timing (2022) - commonwealth games race analysis*

time	10.43	10.43	9 / 8
# of strides			
velocity	9.59	10.36	48.0

**Berggren, Marcus (SWE) (1996)**

<b>Heat 2 - 2016 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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	

*(2016) - www.windsprint/Splittider/*

time	11.38	11.38	6 / 6
# of strides	4.32	2.99	
velocity	8.79	10.03	

**Bergvall, Eric (SWE) (1994)**

<b>G FINAL - 2011 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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	

*(2011) - www.ssg.se/en/Windsprint/Split-times/*

time	11.80	11.80	3 / 2
# of strides	4.44	3.06	
velocity	9.09	8.47	

**Berlanga, Carlos (ESP) (1972)**

<b>B FINAL 2 - 2001 European Cup (Bremen, GER)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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

*Graubner (2007) - http://www.fgs.uni-halle.de*

time	10.55	10.55	/ 3
# of strides	4.01	2.78	
velocity	9.48	7.48	10.79

**Bernátek, David (CZE) (1995)**

<b>Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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		

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

time	11.75	11.75	4 / 5
# of strides			
velocity	9.48	8.51	

**Bibi, Noah (MRI) (2000)**

<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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

*Paris 2024 Olympc Games - Results Book (2024)*

time	10.19	10.19	3 / 6		
# of strides	3.87	2.66	2.73		
velocity	9.81	44.5	7.75	11.28	10.99

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

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

*Paris 2024 Olympc Games - Results Book (2024)*

time	10.27	10.27	2 / 1		
# of strides	3.90	2.67	2.75		
velocity	9.74	45.0	7.69	11.24	10.91

**Bifuko, Patrick Monga (NOR) (1996)**

<b>National FINAL - 2021 Bislett Games (Oslo, NOR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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		

*Omega Timing (2021) - diamond league race analysis*

time	10.78	10.78	7 / 5
# of strides			
velocity	9.28	10.10	

**Biron, Emmanuel (FRA) (1988)**

<b>FINAL - 2013 European Indoor Championships (Göteborg, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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		

*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

time	6.63	2 / 8
# of strides		
velocity	9.05	29.0

**Blackwell, Jaydin (USA) (2004) (T38)**

<b>Para FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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

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

time	11.01	11.01	8 / 3		
# of strides	4.22	2.87	2.91		
velocity	9.08	47.0	7.11	10.45	10.31

<b>Blake, Ackeem (JAM) (2002)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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	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
<b>FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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	<b>=PB</b> # 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
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>FINAL - 2024 London Athletics Meet (London, GBR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2024 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
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			
<b>Blake, Jerome (CAN) (1995)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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	
<b>National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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	
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
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)**

date	04-Jul-21	time	3.0	4.9	6.7	8.4	10.18	10.18	1 / 6	<i>Omega Timing (2021) - diamond league race analysis</i>
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)**

date	04-Jul-21	time	3.0	4.9	6.7	8.4	10.15	10.15	3 / 1	<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.140	interval		1.90	1.80	1.70	1.75	<b>PB</b>	# 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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 London Athletics Meet (London, GBR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)**

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)**

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)**

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)**

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)**

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)**

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)**

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)**

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)**

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)**

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)**

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								
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b> <i>Omega Timing (2022) - diamond league race analysis</i>																	
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								
<b>FINAL - 2019 IAAF World Championships (Doha, QAT)</b> <i>Pang (2021) - kinematic analysis of key technical links of athletes in men's 100m final of 2019 world championships</i>																	
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			
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	2.60	2.60	11.54
<b>FINAL - 2019 Weltklasse (Zürich, SUI)</b> <i>Omega Timing (2019) - diamond league race analysis</i>																	
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								
<b>FINAL - 2019 Müller Grand Prix (Birmingham, GBR)</b> <i>Omega Timing (2019) - diamond league race analysis</i>																	
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								
<b>Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)</b> <i>Omega Timing (2019) - diamond league race analysis</i>																	
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									
<b>FINAL - 2017 IAAF World Championships (London, GBR)</b> <i>Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final</i>																	
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			
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
<b>FINAL - 2012 Olympic Games (London, GBR)</b> <i>Zhang (2016) - analysis on the winning factors of the men's 100m race at the 30th Olympic Games</i>																	
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	<b>=PB</b>	# of strides			
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
<b>FINAL - 2011 IAAF World Championships (Daegu, KOR)</b> <i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>																	
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			
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
<b>Blanton, DaBryan (USA) (1984)</b> <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
<b>FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)</b> <i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievin-m605.pdf</i>																	
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				
		velocity		7.69	11.05	11.11						9.08	29.2	3.90	2.71	11.07	
<b>Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)</b> <i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievin-m605.pdf</i>																	
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				
		velocity		7.67	10.81	10.99						9.00	29.0	3.91	2.76	10.87	
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b> <i>USATF Women's Sprint Development (2006)</i>																	
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			
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
<b>FINAL - 2005 USATF National Championships (Carson, CA)</b> <i>USATF Women's Sprint Development (2005)</i>																	
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			
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
<b>Blume, Holger (GER) (1973)</b> <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
<b>???</b> - 1994 DLV Gala (Duisburg, GER) <i>Stein (1994) - fur sprinter - das training vom 1994</i>																	
date	??	time		4.01		6.76		8.59		10.47		10.47	??				
reaction time		interval				2.75		1.83		1.88			# of strides				
wind	??	velocity		7.48		10.91		10.93		10.64		9.55	7.48	10.91			
<b>???</b> - 1993 German National Championships (Duisburg, GER) <i>Stein (1994) - fur sprinter - das training vom 1994</i>																	



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									

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Blume, Marc (GER) (1973)</b>																		
<b>Semi-Final 2 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>					
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		
<b>Heat 1 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>					
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		
<b>FINAL - 1997 European Cup (Munich, GER)</b>													<i>Jung (2003) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>					
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		
<b>FINAL - 1994 DLV Gala (Duisburg, GER)</b>													<i>Stein (1994) - fur sprinter - das training vom 1994</i>					
date	12-Jun-94	time			3.94			6.62		8.41		10.24	10.24	??				
reaction time		interval						2.68		1.79		1.83	<b>PB</b>	# 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		
<b>Quarter-Final 2 - 1993 IAAF World Championships (Stuttgart, GER)</b>													<i>Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?</i>					
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	
<b>FINAL - 1993 German National Championships (Duisburg, GER)</b>													<i>Stein (1994) - fur sprinter - das training vom 1994</i>					
date	11-Jul-93	time			3.85			6.57		8.41		10.30	10.30	/ 1				
reaction time		interval						2.72		1.84		1.89	<b>PB</b>	# 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		
<b>FINAL - 1991 European Junior Championships (Thessaloniki, GRE)</b>													<i>Stein (1993) - die beschleunigungsfähigkeit bestimmt die sprintleistung</i>					
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	<b>PB</b>	# 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	
<b>Bodrov, Igor (UKR) (1987)</b>			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)</b>													<i>(2010) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a></i>					
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		
<b>Bøe, Filip (NOR) (2000)</b>			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>National FINAL - 2021 Bislett Games (Oslo, NOR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>					
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	<b>PB</b>	# of strides				
wind	0.2 m/s	velocity		6.67		10.00		10.53		10.53		10.64	9.36					
<b>Bogaert, Mateo (BEL) (2006)</b>			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	
<b>Boldon, Ato (TTO) (1973)</b>			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 1997 IAAF World Championships (Athens, GRE)</b>													<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>					
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
<b>FINAL - 1996 Olympic Games (Atlanta, CA)</b>													<i>Grosser (2007) - Schnelligkeitsairtraining</i>					
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	<b>PB</b>	# 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
<b>Bolt, Usain (JAM) (1986)</b>			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

**Borzov, 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)**

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

*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints***Bossé, Béranger (CAF) (1985)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2008 Windsprint (Sundsvall, SWE)</b>																
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		

*(2008) - www.ssg.se/en/Windsprint/Split-times/***Bouju, Raphael (NED) (2002)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>																	
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

*Omega Timing (2023) - diamond league race analysis***FINAL - 2023 FBK Games (Hengelo, NED)**

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	<b>PB</b>	# 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

*Omega Timing (2023) - continental tour race analysis***Bouraada, Larbi (ALG) (1988)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)</b>																
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	<b>PB</b>	# of strides		
wind	0.2 m/s	velocity		6.45		10.31		10.64		10.81		10.47	9.36			

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Bracy-Williams, Marvin (USA) (1993)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>																	
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

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

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

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

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

*Omega Timing (2023) - diamond league race analysis***FINAL - 2023 FBK Games (Hengelo, NED)**

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

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

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

*Omega Timing (2023) - diamond league race analysis***FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)**

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		

*Omega Timing (2022) - diamond league race analysis***FINAL - 2021 Bauhaus Galan (Stockholm, SWE)**

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		

*Omega Timing (2021) - diamond league race analysis***FINAL - 2020 Millrose Games (New York, NY)**

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

*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/***Brathwaite, Rikki (IVB) (1999)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Semi-Final 1 - 2024 Olympic Games (Paris, FRA)</b>																
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		

*Paris 2024 Olympc Games - Results Book (2024)*

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
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>FINAL - 2024 Prefontaine Classic (Eugene, OR)</b>												<i>Omega Timing (2024) - diamond league race analysis</i>					
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
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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				
<b>Brännström, André (SWE) (1987)</b>																	
<b>C FINAL - 2012 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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			
wind	2.8 m/s	velocity		7.13		10.53		10.64		10.26	9.18		7.13	10.53			
<b>C FINAL - 2010 Windsprint (Sundsvall, SWE)</b>												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
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			
<b>FINAL - 2007 Windsprint (Sundsvall, SWE)</b>												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
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			
<b>Bringmann, Steffen (GER) (1964)</b>																	
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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			
<b>Broening, Marius (GER) (1983)</b>																	
<b>C FINAL - 2009 ISTAF (Berlin, GER)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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		
<b>Bromby, Oliver (GBR) (1998)</b>																	
<b>Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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					
<b>Bromell, Trayvon (USA) (1995)</b>																	
<b>FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>FINAL - 2022 Weltklasse (Zürich, SUI)</b>												<i>Omega Timing (2022) - diamond league race analysis</i>					
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			
<b>FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)</b>												<i>Omega Timing (2022) - diamond league race analysis</i>					
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			



<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>											<i>Omega Timing (2022) - diamond league race analysis</i>									
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											
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>											<i>Omega Timing (2021) - diamond league race analysis</i>									
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											
<b>FINAL - 2021 Memorial van Damme (Brussels, BEL)</b>											<i>Omega Timing (2021) - diamond league race analysis</i>									
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											
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>											<i>Omega Timing (2021) - diamond league race analysis</i>									
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											
<b>FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)</b>											<i>Omega Timing (2021) - diamond league race analysis</i>									
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											
<b>FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)</b>											<i>Omega Timing (2021) - diamond league race analysis</i>									
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											
<b>FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)</b>											<i>PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/</i>									
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								
<b>Brorsson, Alexander (SWE) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>											<i>(2015) - www.windsprint/Splittider/</i>									
<b>A FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																				
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								
<b>Heat 8 - 2013 Windsprint (Sundsvall, SWE)</b>											<i>(2013) - www.ssg.se/windsprint/Splittider/</i>									
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								
<b>Broström, Niklas (SWE) (1977) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>											<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>									
<b>C FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																				
date	24-Jul-07	time		4.17		7.08	9.06	11.18	11.18	1 / 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								
<b>Brown, Aaron (CAN) (1992) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>											<i>Omega Timing (2023) - diamond league race analysis</i>									
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>																				
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			
<b>FINAL - 2023 FBK Games (Hengelo, NED)</b>											<i>Omega Timing (2023) - continental tour race analysis</i>									
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			
<b>FINAL - 2022 Weltklasse (Zürich, SUI)</b>											<i>Omega Timing (2022) - diamond league race analysis</i>									
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											
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b>											<i>Omega Timing (2022) - diamond league race analysis</i>									
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										
<b>FINAL - 2021 Bauhaus Galan (Stockholm, SWE)</b>										<i>Omega Timing (2021) - diamond league race analysis</i>									
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										
<b>FINAL - 2019 IAAF World Championships (Doha, QAT)</b>										<i>Pang (2021) - kinematic analysis of key technical links of athletes in men's 100m final of 2019 world championships</i>									
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		
<b>FINAL - 2019 Athletissima (Lausanne, SU1)</b>										<i>Omega Timing (2019) - diamond league race analysis</i>									
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					
<b>Brown, Kemarley (JAM) (1992)</b>																			
<b>A FINAL - 2015 Windsprint (Sundsvall, SWE)</b>										<i>(2015) - www.windsprint/Splittider/</i>									
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					
<b>A FINAL - 2014 Windsprint (Sundsvall, SWE)</b>										<i>(2014) - www.ssg.se/windsprint/Splittider/</i>									
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					
<b>Browning, Rohan (AUS) (1997)</b>																			
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>										<i>Paris 2024 Olympic Games - Results Book (2024)</i>									
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		
<b>FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)</b>										<i>Omega Timing (2023) - diamond league race analysis</i>									
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		
<b>FINAL - 2022 Commonwealth Games (Birmingham, GBR)</b>										<i>Longines Timing (2022) - commonwealth games race analysis</i>									
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					
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>										<i>Longines Timing (2022) - commonwealth games race analysis</i>									
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						
<b>FINAL - 2022 Bauhaus Galan (Stockholm, SWE)</b>										<i>Omega Timing (2022) - diamond league race analysis</i>									
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						
<b>FINAL - 2022 Bislett Games (Oslo, NOR)</b>										<i>Omega Timing (2022) - diamond league race analysis</i>									
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						
<b>FINAL - 2021 Weltklasse (Zürich, SU1)</b>										<i>Omega Timing (2021) - diamond league race analysis</i>									
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						
<b>FINAL - 2021 Memorial van Damme (Brussels, BEL)</b>										<i>Omega Timing (2021) - diamond league race analysis</i>									
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						
<b>FINAL - 2018 Australian Athletics Championships (Gold Coast, AUS)</b>										<i>Emma (2018.02.26) - twitter.com/Rohan_Browning</i>									
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	
<b>Bruintjies, Henricho (RSA) (1993)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL</b> - 2022 Meeting de Paris (Paris, FRA) <i>Omega Timing (2022) - diamond league race analysis</i>																		
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					
<b>Brunson, Marcus (USA) (1978)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL</b> - 2006 Osaka Grand Prix (Osaka, JPN) <i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>																		
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		1 / 2			
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
<b>Brusenback, Chris (SWE) (1993)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>B FINAL</b> - 2015 Windsprint (Sundsvall, SWE) <i>(2015) - www.windsprint/Splittider/</i>																		
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		
<b>C FINAL</b> - 2013 Windsprint (Sundsvall, SWE) <i>(2013) - www.ssg.se/windsprint/Splittider/</i>																		
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		
<b>Heat 8</b> - 2013 Windsprint (Sundsvall, SWE) <i>(2013) - www.ssg.se/windsprint/Splittider/</i>																		
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		
<b>Bryzgin, Viktor (URS) (1962)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL</b> - 1987 IAAF World Championships (Rome, ITA) <i>Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters</i>																		
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
<b>Semi-Final 2</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																		
date	30-Aug-87	time		3.95		6.69		10.23		10.23		10.23		5 / 4				
reaction time		interval				2.74		3.54		3.54				# of strides	3.95	2.74		
wind	-1.3 m/s	velocity		7.59		10.95		11.30		9.78		9.78			46.5	7.59	10.95	
<b>Quarter-Final 2</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																		
date	29-Aug-87	time		3.92		6.64		10.29		10.29		10.29		6 / 1				
reaction time		interval				2.72		3.65		3.65				# of strides	3.92	2.72		
wind	-1.5 m/s	velocity		7.65		11.03		10.96		9.72		9.72			46.7	7.65	11.03	
<b>Heat 4</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																		
date	29-Aug-87	time		3.96		6.61		10.25		10.25		10.25		1 / 2				
reaction time		interval				2.65		3.64		3.64				# of strides	3.96	2.65		
wind	1.6 m/s	velocity		7.58		11.32		10.99		9.76		9.76			7.58	11.32		
<b>Buhagen, Kristoffer (NOR) (1992)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>B FINAL</b> - 2015 Windsprint (Sundsvall, SWE) <i>(2015) - www.windsprint/Splittider/</i>																		
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>B FINAL</b> - 2014 Windsprint (Sundsvall, SWE) <i>(2014) - www.ssg.se/windsprint/Splittider/</i>																		
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		
<b>E FINAL</b> - 2013 Windsprint (Sundsvall, SWE) <i>(2013) - www.ssg.se/windsprint/Splittider/</i>																		
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		
<b>D FINAL</b> - 2012 Windsprint (Sundsvall, SWE) <i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																		
date	17-Jun-12	time		4.15		7.07		9.00		10.98		10.98		1 / 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		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Bunson, Phooripol (THA) (2006)</b>																		
<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>																
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	
<b>Heat 4 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>																
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	
<b>Buntin, Nadale (SKN) (2000)</b>																		
<b>Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)</b>		<i>Longines Timing (2022) - commonwealth games race analysis</i>																
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				
<b>Burke, Mario (BAR) (1997)</b>																		
<b>FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)</b>		<i>Omega Timing (2020) - diamond league race analysis</i>																
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				
<b>Burlák, Jakub (CZE) (1996)</b>																		
<b>Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>		<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																
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					
<b>Burns, Marc (TTO) (1983)</b>																		
<b>FINAL - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
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		
<b>Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
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	
<b>Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
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		
<b>Heat 6 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
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		
<b>FINAL - 2009 ISTAF (Berlin, GER)</b>		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																
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		
<b>FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)</b>		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																
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
<b>FINAL - 2008 Olympic Games (Beijing, CHN)</b>		<i>Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21</i>																
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		
<b>Burraj, Franko (ALB) (1998)</b>																		
<b>Heat 4 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>																
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	
<b>Prelim 3 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>																



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	<b>PB</b>	# 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	
<b>Burrell, Cameron (USA) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)</b>													<i>Omega Timing (2019) - diamond league race analysis</i>					
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					
<b>FINAL - 2019 Athletissima (Lausanne, SUI)</b>													<i>Omega Timing (2019) - diamond league race analysis</i>					
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				
<b>FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)</b>													<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>					
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	
<b>Burrell, Leroy (USA) (1967)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b>													<i>USATF Women's Sprint Development (1996)</i>					
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				
<b>FINAL - 1992 Olympic Games (Barcelona, ESP)</b>													<i>Arnold (1992) - 1992 Olympic report: 100m men</i>					
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				
<b>FINAL - 1991 IAAF World Championships (Tokyo, JPN)</b>													<i>Ae (1992) - the men's 100m (1991 WC)</i>					
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	<b>PB</b>	# 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	
<b>FINAL - 1989 IAAF World Cup (Barcelona, ESP)</b>													<i>Pascua (1990) - atletismo (I) carreras y marcha</i>					
date	08-Sep-89	time		2.99		4.85	5.73	6.61	7.48	8.36		10.15	10.15	1 / 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				
<b>Bychkov, Sergey (RUS) (1975)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2001 European Cup (Bremen, GER)</b>													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time		3.05	4.03	4.96		6.77		8.60		10.46	10.46	1 / 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			
<b>Cali, Stéphane (FRA) (1972)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 1997 European Cup (Munich, GER)</b>													<i>Jung (2003) - http://www.fgs.uni-halle.de</i>					
date	21-Jun-97	time		2.06		4.04		6.75				10.44	10.44	1 / 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			
<b>FINAL - 1996 International French Championships (Bercy, FRA)</b>													<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>					
date	10-Feb-96	time	1.91	2.96	3.92	4.88	5.72	6.64					6.64	1 / 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			
<b>Heat 1 - 1996 International French Championships (Bercy, FRA)</b>													<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>					
date	10-Feb-96	time	1.91	2.97	3.92	4.83	5.74	6.65					6.65	1 / 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			
<b>Callender, Emmanuel (TTO) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)</b>													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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			
<b>Heat 8 - 2009 IAAF World Championships (Berlin, GER)</b>													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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
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			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Camara, Ebrahima (GAM) (1996)</b>																	
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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	0.88	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
<b>Prelim 1 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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	0.88	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
<b>National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)</b>			<i>Omega Timing (2021) - diamond league race analysis</i>														
date	04-Jul-21	time	3.0		4.8		6.6		8.5		10.31	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			
<b>Camara, Ibrahim (BEL) (2004)</b>																	
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b>			<i>Omega Timing (2024) - diamond league race analysis</i>														
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
<b>Camara, Seco (GBS) (1995)</b>																	
<b>Prelim 1 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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
<b>Cambridge, Aska (JPN) (1993)</b>																	
<b>FINAL - 2020 Japanese National Championships (Niigata, JPN)</b>			<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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	0.89	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
<b>FINAL - 2020 Athlete Night Games (Fukui, JPN)</b>			<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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 / 1			
reaction time		interval		1.07	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.90	<b>PB</b>	# 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
<b>Semi-Final 2 - 2019 Japanese National Championships (Fukuoka, JPN)</b>			<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>														
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	0.88	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
<b>FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)</b>			<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>														
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
<b>FINAL - 2018 Fuse Sprint (Tottori, JPN)</b>			<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>														
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	1 / 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
<b>FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)</b>			<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>														
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	11.11	10.87	9.81		47.4	7.61	11.24	11.28
<b>A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>														
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
<b>Heat 4 - 2017 Japanese National Championships (Osaka, JPN)</b>			<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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 / 1			
reaction time	0.123	interval	1.06	0.94	0.90	0.88	0.86	0.86	0.87	0.88	0.90	0.92	<b>PB</b>	# 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
<b>FINAL - 2016 Japanese National Championships (Nagoya, JPN)</b>			<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>														



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
<b>Semi-Final 1 - 2016 Japanese National Championships (Nagoya, JPN)</b> <i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>																	
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
<b>Heat 2 - 2016 Mikio Oda Memorial (Hiroshima, JPN)</b> <i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>																	
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
<b>Heat 3 - 2015 Japanese National Championships (Niigata, JPN)</b> <i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>																	
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
<b>FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b> <i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>																	
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
<b>Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b> <i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>																	
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
<b>FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b> <i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>																	
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
<b>Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b> <i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>																	
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
<b>FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)</b> <i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																	
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
<b>Campbell, Darren (GBR) (1973)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																	
<b>FINAL - 2002 European Championships (Munich, GER)</b> <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time		2.99	3.94	4.84		6.60		8.36		10.15	10.15	1 → 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	
<b>Semi-Final 2 - 2002 European Championships (Munich, GER)</b> <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time		3.02	3.98	4.90		6.69		8.46		10.30	10.30	1 / 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	
<b>Quarter-Final 3 - 2002 European Championships (Munich, GER)</b> <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time		3.00	3.96	4.87		6.66		8.45		10.29	10.29	1 / 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	
<b>Heat 3 - 2002 European Championships (Munich, GER)</b> <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time		3.01	3.97	4.88		6.67		8.47		10.36	10.36	1 / 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	
<b>Campbell, Micheal (JAM) (1996)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																	
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b> <i>Omega Timing (2024) - diamond league race analysis</i>																	
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
<b>Capel, John (USA) (1978)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																	

**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	47.0	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	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	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											
<b>Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>														
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											
<b>Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>														
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											
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>														
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												
<b>Cason, André (USA) (1969)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1993 IAAF World Championships (Stuttgart, GER)</b>														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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												
<b>Cavron, Jean-Philippe (FRA) (1970)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 1996 International French Championships (Bercy, FRA)</b>														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>														
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													
<b>Ceccarelli, Samuele (ITA) (2000)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>														
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											
<b>Ceng Binbin (CHN) (2000)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
date	12-Mar-24	time	1.94	2.97	3.94	4.89	5.82	6.75					6.75	7														
reaction time	0.149	interval		1.03	0.97	0.95	0.93	0.93					8.89	# of strides	3.94	2.81												
		velocity	5.15	9.71	10.31	10.53	10.75	10.75						30.5	7.61	10.68												
<b>Cerutti, Fabio (ITA) (1985)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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													
<b>Heat 11 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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													
<b>Červík, Jakub (CZE) (1997)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>														<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>														
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		2.10		# of strides														
wind	-3.9 m/s	velocity			6.10			9.43		9.57		9.85	9.52	8.61														
<b>Chambers, Dwain (GBR) (1978)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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													
<b>Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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												
<b>Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														

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	9.96	9.96	9.96	9.96	/ 4			
reaction time	0.129	interval		0.93	0.88	1.72	1.73	1.76	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	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	10.12	10.12	10.12	10.12	/ 4			
reaction time	0.148	interval		0.95	0.90	1.75	1.74	1.79	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	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	10.08	10.08	10.08	10.08	/ 4			
reaction time	0.143	interval		0.94	0.89	1.73	1.75	1.81	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	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	10.23	10.23	10.23	10.23	/ 4			
reaction time	0.126	interval		0.95	0.91	1.74	1.77	1.84	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	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	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

**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

**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

**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

**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	10.53	10.53	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



**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 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
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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		
<b>Semi-Final 4</b> - 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		
<b>FINAL</b> - 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

**Christie, Linford (GBR) (1960)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL</b> - 1997 European Cup (Munich, GER)																
Jung (2003) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																
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) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																
date	15-Aug-93	time		3.85		6.45		8.15		9.87		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	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	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	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) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																
date	29-Jun-91	time		3.91		6.58		8.38		10.18		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	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	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	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 / <del>2</del> 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 / <del>2</del> 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 / <del>4</del> 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	10.25	7 / <del>2</del> 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	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	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	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
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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)**

<i>Omega Timing (2023) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2021) - diamond league race analysis</i>																	
date	03-Sep-21	time	3.0		4.9		6.7		8.5		10.34	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)**

<i>Omega Timing (2021) - diamond league race analysis</i>																	
date	10-Jun-21	time	3.0		4.9		6.6		8.4		10.35	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)**

<i>Omega Timing (2020) - diamond league race analysis</i>																	
date	17-Sep-20	time	3.0		4.8		6.5		8.2		10.04	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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	18-Aug-19	time	3.0		4.9		6.6		8.4		10.29	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	48.5			

**FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	12-Jul-19	time			6.0						10.25	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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	05-Jul-19	time			5.7						10.08	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
<b>Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)</b>																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	19-Aug-09	time	3.21		5.23		7.17		9.08		11.06	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)**

<b>Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)</b>																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	19-Aug-09	time	3.14		5.09		7.01		8.91		10.89	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
<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)**

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

Omega Timing (2024) - diamond league race analysis

**FINAL - 2023 Prefontaine Classic (Eugene, OR)**

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

Omega Timing (2023) - diamond league race analysis

**FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)**

date	06-Aug-22	time	2.90		4.74		6.50		8.28		10.13	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			

Omega Timing (2022) - diamond league race analysis

**FINAL - 2022 Prefontaine Classic (Eugene, OR)**

date	28-May-22	time	2.88		4.70		6.45		8.23		10.04	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			

Omega Timing (2022) - diamond league race analysis

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

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

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

**FINAL - 2017 IAAF World Championships (London, GBR)**

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

Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final

**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)**

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	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

KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011

**Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.94	3.89	4.80		6.61		8.37		10.20	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		

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

**Heat 11 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.98	3.94	4.85		6.66		8.44		10.28	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		

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

**FINAL - 2009 Meeting Pas de Calais (Lievain, FRA)**

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

Vazel (2009) - <http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf>**Heat 1 - 2009 Meeting Pas de Calais (Lievain, FRA)**

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

Vazel (2009) - <http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf>**FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)**

date	13-Sep-08	time	2.95	3.90	4.81	5.71	6.65	7.49	8.40		10.22	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		

Graubner (2009) - <http://www.fgs.uni-halle.de>**FINAL - 2004 Olympic Games (Athens, GRE)**

date	22-Aug-04	time	1.85	2.89		5.58	6.44	7.32		9.09	10.00	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

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

date	14-Sep-02	time	1.94	2.96		5.64	6.48	7.34	8.21	9.09	9.98	9.98	9.98	1 / 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

Brito (2007) - 100m stats, you may be interested ([www.elitetrack.com/forums](http://www.elitetrack.com/forums))



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Collio, Simone (ITA) (1979)</b>																	
<b>FINAL - 2012 Windsprint (Sundsvall, SWE)</b>												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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		
<b>FINAL - 2011 Windsprint (Sundsvall, SWE)</b>												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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		
<b>Heat 1 - 2009 IAAF World Championships (Berlin, GER)</b>												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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		
<b>FINAL - 2009 Meeting Pas de Calais (Lievain, FRA)</b>												<i>Vazel (2009) - http://futuraanterior.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>					
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		
<b>Heat 2 - 2009 Meeting Pas de Calais (Lievain, FRA)</b>												<i>Vazel (2009) - http://futuraanterior.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>					
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		
<b>Colvert, Steven (IRL) (1990)</b>																	
<b>FINAL - 2012 Windsprint (Sundsvall, SWE)</b>												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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		
<b>Conwright, Kaaron (USA) (1976)</b>																	
<b>FINAL - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>					
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 / <del>4</del> 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
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>					
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
<b>Crawford, Hasely (TTO) (1950)</b>																	
<b>FINAL - 1976 Olympic Games (Montreal, CAN)</b>												<i>Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run</i>					
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	<b>PB</b>	# 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		
<b>Crawford, Shawn (USA) (1978)</b>																	
<b>Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>					
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
<b>Heat 1 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>					
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	
<b>FINAL - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>					
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 / <del>3</del> 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
<b>Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>					
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 / <del>2</del> 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
<b>FINAL - 2005 USATF National Championships (Carson, CA)</b>												<i>USATF Women's Sprint Development (2005)</i>					
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	
<b>FINAL - 2004 Olympic Games (Athens, GRE)</b>												<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>						
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	
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>												<i>USATF Women's Sprint Development (2004)</i>						
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	0.85	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
<b>Csontos, Joël (SUI) (2005)</b>																		
<b>B Race - 2023 Athletissima (Lausanne, SUI)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>						
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
<b>Cui Sen (CHN) (2004)</b>																		
<b>Heat 9 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>						
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	0.96	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
<b>Heat 12 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>						
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
<b>Heat 3 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>						
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
<b>Heat 9 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>						
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	
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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
<b>Heat 1 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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	0.91	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
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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	0.93	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
<b>Heat 5 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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	0.93	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
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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	0.93	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
<b>Heat 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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
<b>Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>						
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											31.0	7.28	10.64		
<b>Heat 6 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		
date	28-Feb-23	time	2.04	3.15	4.14	5.07	6.00	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												31.7	7.25	10.71	
<b>Heat 14 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		
date	25-Feb-23	time	2.00	3.10	4.10	5.03	5.94	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												31.7	7.32	10.75	
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>																					<i>Shandong Athletics Sport Science (2022)</i>		
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
<b>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</b>																							
<b>FINAL - 1991 IAAF World Championships (Tokyo, JPN)</b>																					<i>Ae (1992) - the men's 100m (1991 WC)</i>		
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
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b>																					<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>		
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 / <del>6</del> 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
<b>Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)</b>																					<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>		
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 / <del>4</del> 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	
<b>Dahlöf, Carl (SWE) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																							
<b>C FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																					<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>		
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		
<b>Dai Chenshuai (CHN) (2000) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																							
<b>Heat 5 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																					<i>Shandong Athletics Sport Science (2024)</i>		
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
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>																					<i>Shandong Athletics Sport Science (2024)</i>		
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						<b>=PB</b>						# 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	
<b>Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>																					<i>Shandong Athletics Sport Science (2024)</i>		
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						<b>PB</b>						# 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	
<b>Heat 3 - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		
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	0.92	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
<b>Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		
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
<b>Heat 8 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		
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
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																					<i>Shandong Athletics Sport Science (2023)</i>		

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	
<b>FINAL</b> - 2023 Japanese National High School Championships (Sapporo, JPN)												<i>Takashima (2023) - national high school sports festival - biomechanics data</i>				
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

**Dang, Joakim (NOR) (1990)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>E FINAL</b> - 2015 Windsprint (Sundsvall, SWE)												<i>(2015) - www.windsprint/Splittider/</i>			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>D FINAL</b> - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
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
<b>A FINAL</b> - 2017 Windsprint (Sundsvall, SWE)												<i>(2017) - www.windsprint/Splittider/</i>			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>A FINAL</b> - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Heat 1</b> - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>A FINAL</b> - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
date	20-Jul-14	time		4.07		6.83		8.66		10.55	10.55	1 / <del>8</del> 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL</b> - 2012 Windsprint (Sundsvall, SWE)												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>			
date	17-Jun-12	time		4.19		7.05		8.96		10.93	10.93	1 / 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		
<b>Semi-Final 1</b> - 2017 IAAF World Championships (London, GBR)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>			
date	02-Mar-13	time		2.91		4.74		6.48			6.48	5 / 2			
reaction time	0.151	interval				1.83		1.74			<b>PB</b>	# of strides			28.0
		velocity		6.87		10.93		11.49			9.26				

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 2009 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	14-Jun-09	time		2.97	3.91	4.81		6.56	8.36		10.64	10.64	1 / 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
<b>Heat ???</b> - 1941 Compton Invitational (Compton, CA)												<i>Quercentani (2000). Athletics: A history of modern track and field athletics (1860-2000)</i>			
date	06-Jun-41	time			5.7					10.2	10.2	1 / 1			
reaction time		interval								4.5	<b>=WR</b>	# 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
<b>FINAL</b> - 2024 Prefontaine Classic (Eugene, OR)												<i>Omega Timing (2024) - diamond league race analysis</i>			
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	<b>PB</b>	# 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
<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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
<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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
<b>FINAL - 2022 Weltklasse (Zürich, SUI)</b>																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
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			
<b>FINAL - 2022 Bislett Games (Oslo, NOR)</b>																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
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			
<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
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			
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b>																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
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			
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
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	<b>=PB</b>	# of strides			
wind	-0.4 m/s	velocity		6.67		11.11		11.76		11.76		11.83	10.11	46.2			
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
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			
<b>FINAL - 2020 Olympic Games (Tokyo, JPN)</b>																	
<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>																	
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	<b>PB</b>	# 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	
<b>FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)</b>																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
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			
<b>FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)</b>																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
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			
<b>FINAL - 2019 IAAF World Championships (Doha, QAT)</b>																	
<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>																	
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	<b>PB</b>	# 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
<b>FINAL - 2019 Müller Grand Prix (Birmingham, GBR)</b>																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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			
<b>Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)</b>																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>de Lima, Vicente (BRA) (1977)</b>																	
<b>FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)</b>													Vazel (2009) - <a href="http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf">http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf</a>				
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	
wind		velocity			7.59		10.93	10.99					8.97	30.0	7.59	10.95	
<b>Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)</b>													Vazel (2009) - <a href="http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf">http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf</a>				
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	
wind		velocity			7.61		11.05	10.87					9.00	30.0	7.61	10.99	
<b>de Morães, Basílio (BRA) (1982)</b>																	
<b>Heat 7 - 2009 IAAF World Championships (Berlin, GER)</b>													Graubner (2009) - <a href="http://biomechanicalanalyses.com/2009/02/09-lievin-m605.pdf">biomechanical analyses at the 12th IAAF world championships</a>				
date	15-Aug-09	time	3.04	4.02	4.96			6.82	8.66	10.54	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		9.49		7.46	10.71	
<b>de Oliveira, Nii (SWE) (1986)</b>																	
<b>B FINAL - 2017 Windsprint (Sundsvall, SWE)</b>													(2017) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>				
date	30-Jul-17	time			4.18			6.07	7.00	8.86	10.79	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		9.27		7.18	10.64	
<b>A FINAL - 2015 Windsprint (Sundsvall, SWE)</b>													(2015) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>				
date	26-Jul-15	time			4.08			6.89	8.75	10.66	10.66	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			9.38		7.35	10.68	
<b>B FINAL - 2014 Windsprint (Sundsvall, SWE)</b>													(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>				
date	20-Jul-14	time			4.05			6.83	8.70	10.60	10.60	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			9.43		7.41	10.79	
<b>B FINAL - 2012 Windsprint (Sundsvall, SWE)</b>													(2012) - <a href="http://www.elitlandslag.se/SprintHäck/KortSprint.aspx">www.elitlandslag.se/SprintHäck/KortSprint.aspx</a>				
date	17-Jun-12	time			4.06			6.81	8.63	10.49	10.49	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			9.53		7.39	10.91	
<b>B FINAL - 2011 Windsprint (Sundsvall, SWE)</b>													(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>				
date	31-Jul-11	time			4.02			6.73	8.52	10.34	10.34	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			9.67		7.46	11.07	
<b>FINAL - 2010 Windsprint (Sundsvall, SWE)</b>													(2010) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>				
date	08-Aug-10	time			4.06			6.87	8.73	10.67	10.67	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			9.37		7.39	10.68	
<b>de Oliveira, Nii (BRA) (1986)</b>																	
<b>B FINAL - 2009 Windsprint (Sundsvall, SWE)</b>													(2009) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>				
date	25-Jul-09	time			4.04			6.81	8.65	10.55	10.55	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			9.48		7.43	10.83	
<b>de Oliveira, Paulo André (BRA) (1998)</b>																	
<b>Heat 5 - 2024 Olympic Games (Paris, FRA)</b>													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
<b>Dede, Bruno Chikwadoro (JPN) (1999)</b>																	
<b>Heat 2 - 2020 Japanese National Championships (Niigata, JPN)</b>													Ohunma (2020) - <a href="http://men's 100m race analysis at major competitions in 2020">men's 100m race analysis at major competitions in 2020</a>				
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
<b>FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)</b>													Hayato (2019) - <a href="http://race analysis of men's 100m at major comeptions in 2019">race analysis of men's 100m at major comeptions in 2019</a>				
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



<b>FINAL</b> - 2017 Japanese National High School Championships (Yamagata, JPN) (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	
<b>Deliser, Arturo (PAN) (1997)</b>																							
<b>Heat 2</b> - 2024 Olympic Games (Paris, FRA)																							
Paris 2024 Olympc 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
<b>Prelim 6</b> - 2024 Olympic Games (Paris, FRA)																							
Paris 2024 Olympc 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
<b>Demps, Jeff (USA) (1990)</b>																							
<b>Semi-Final 2</b> - 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
<b>Quarter-Final 1</b> - 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
<b>Heat 2</b> - 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	
<b>Deng Xinrui (CHN) (2003)</b>																							
<b>FINAL</b> - 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
<b>FINAL</b> - 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	
<b>Semi-Final 2</b> - 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	
<b>A FINAL</b> - 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	
<b>FINAL</b> - 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
<b>Semi-Final 1</b> - 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
<b>FINAL</b> - 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
<b>Heat 2</b> - 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	<b>PB</b>	# 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					8.94	# of strides	3.97	2.74
		velocity	5.13	9.62	10.20	10.87	11.11	10.87						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					<b>PB</b>	# 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 &amp; 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 / 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
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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)****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	2.25	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	1.12	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	8.93	8.85	8.55	8.04	6.49	9.09	8.96

**Dimótsios, Stilianós (GRE) (1974)****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	3.15	4.15	5.10	6.96	8.80	10.69	10.69	10.69	1 / 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)****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	1.97	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	7.50	10.91	10.45

**Dix, Walter (USA) (1986)****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 research project report in the iaaf world championships, Daegu 2011*

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	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	<b>PB</b>	# 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)****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	1.93	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	<b>PB</b>	# 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/](http://www.ssg.se/en/Windsprint/Split-times/)

date	25-Jul-09	time		4.41		7.44		9.44		11.50	11.50	11.50	11.50	7 / 7			
reaction time		interval				3.03		2.00		2.06		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	10.57	10.57	8 / 7			
reaction time	0.157	interval								4.54		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	10.74	1 / 2			
reaction time		interval		1.00	0.94		1.85		1.86		1.92		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	10.68	1 / 1			
reaction time		interval		0.98	0.94		1.84		1.84		1.90		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/](http://www.ssg.se/en/Windsprint/Split-times/)

date	31-Jul-11	time		4.07		6.88		8.76		10.70	10.70	10.70	10.70	1 / 2			
reaction time		interval				2.81		1.88		1.94		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		1.90	# of strides			
wind	-1.2 m/s	velocity		6.90		10.53		10.53		11.11		10.53		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	10.36	5 / 4			
reaction time	0.149	interval		0.97	0.93		1.79		1.78		1.84		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	10.19	4 / 4			
reaction time	0.146	interval		0.96	0.92		1.76		1.75		1.80		<b>=NR</b>	# 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	6.74	5 / 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	6.75	2 / 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		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		/ 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
wind		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/](http://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/](http://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.elitandslag.se/SprintHäck/KortSprint.aspx](http://www.elitandslag.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 / 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](http://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		/ 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			# 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/](http://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







**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	

**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/SprintHack/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	<b>PB</b>	# 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	



	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Elofsson, Fredrik (SWE) (1973)</b>															
<b>FINAL - 1994 (Tønsberg, NOR)</b>															
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	
<b>Elvung-Nilsson, Viktor (SWE) (1994)</b>															
<b>E FINAL - 2012 Windsprint (Sundsvall, SWE)</b>															
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	
<b>Emedolu, Uchenna (NGR) (1976)</b>															
<b>FINAL - 2001 ISTAF (Berlin, GER)</b>															
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	<b>PB</b>	# 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	
<b>Emelieze, Peter (NGR) (1988)</b>															
<b>FINAL - 2009 Meeting Pas de Calais (Lieviv, FRA)</b>															
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	
<b>Heat 1 - 2009 Meeting Pas de Calais (Lieviv, FRA)</b>															
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	
<b>Emmelmann, Frank (GDR) (1961)</b>															
<b>FINAL - 1982 East German Spitzenklasse (Cottbus, GDR)</b>															
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	
<b>FINAL - 1980 Olympischen Tag (East Berlin, GDR)</b>															
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	
<b>Engberg, Johan (SWE) (1981)</b>															
<b>FINAL - 2007 Windsprint (Sundsvall, SWE)</b>															
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	
<b>Engel, Roscoe (RSA) (1989)</b>															
<b>A FINAL - 2013 Windsprint (Sundsvall, SWE)</b>															
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	
<b>Heat 8 - 2013 Windsprint (Sundsvall, SWE)</b>															
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	
<b>Engwall, Andreas (SWE) (1992)</b>															
<b>D FINAL - 2014 Windsprint (Sundsvall, SWE)</b>															
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>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>															
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	
<b>C FINAL - 2012 Windsprint (Sundsvall, SWE)</b>															
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/](http://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 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](http://diamond.league.raceanalysis.com/)

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](http://continental.tour.raceanalysis.com/)

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](http://research.on.athleteperformanceandtechnique.com/)

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](http://research.on.athleteperformanceandtechnique.com/)

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](http://research.on.athleteperformanceandtechnique.com/)

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](http://speedchangeandthehighestspeedsectionappearanceinthe100mraceof2012and2013.com/)

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](http://speedwasseenineveryfourstridesinthe100m,achangeinthepitchandstride.com/)

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 Championships (Tokyo, JPN)** Takahara (2010) - [research on the scientific data utilization model and development process of 100m performance](http://research.on.scientificdatautilizationmodelanddevelopmentprocessof100mperformance.com/)

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

**Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)**Graubner (2009) - [biomechanical analyses at the 12th IAAF world championships](http://biomechanicalanalysesatthe12thiaafworldchampionships.com/)

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](http://changesinstridefrequencyandstridelengthoftheworldstoptosprinter.com/)

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](http://research.on.scientificdatautilizationmodelanddevelopmentprocessof100mperformance.com/)

date 28-Jun-09 time 3.90 6.54 10.09 10.14 / 1





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	0.88	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		interval		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 Olympc 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 Olympc 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 Olympc 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/Splitider/*

date	26-Jul-15	time					7.01				10.96	10.96		8 / 6			
reaction time		interval									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					1 / 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 Championships (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	10.31	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 Olympc 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			
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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	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	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	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	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	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			

**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	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	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	1.0 m/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	1 / 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, Štěpán (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	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)**

date	21-Jun-97	time	1.98	3.97	6.62	10.19	10.19					<i>Jung (2003) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>		
reaction time		interval		1.99	2.65	3.57	<b>PB</b>	# 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)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>															
<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>															
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, Jiri (CZE) (1997)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>																
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																
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			
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)**

<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>															
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)**

<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>															
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)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 3 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																
<i>Shandong Athletics Sport Science (2024)</i>																
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			
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

**FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)**

<i>Shandong Athletics Sport Science (2024)</i>																
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)**

<i>Shandong Athletics Sport Science (2024)</i>																
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)**

<i>Shandong Athletics Sport Science (2024)</i>																
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)**

<i>Shandong Athletics Sport Science (2024)</i>																
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)**

<i>Shandong Athletics Sport Science (2023)</i>																
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			
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

**Feo, Frutos (ESP) (1972)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1997 European Cup (Munich, GER)</b>															
<i>Jung (2003) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>															
date	21-Jun-97	time	2.00	4.02	6.70				10.38	10.38					
reaction time		interval		2.02	2.68				3.68						
wind	0.2 m/s	velocity	5.00	9.90	11.19				10.87	9.63	# of strides	4.02	2.68	7.46	11.19

**Fini, Cédric (NED) (2003)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>National - Heat 1 - 2023 FBK Games (Hengelo, NED)</b>																
<i>Omega Timing (2023) - continental tour race analysis</i>																
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			
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)**

	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2019 Asian Athletics Championships (Doha, QAT)</b>															
<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>															



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
<b>Fisher, Andrew (JAM) (1991)</b>																	
<b>A FINAL - 2014 Windsprint (Sundsvall, SWE)</b>														(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>			
date	20-Jul-14	time		3.90			6.58		8.40			10.32	10.32	5 / <del>5</del> 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	
<b>A FINAL - 2013 Windsprint (Sundsvall, SWE)</b>														(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>			
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	
<b>Fiti, Scott James (FSM) (1995)</b>																	
<b>Prelim 4 - 2024 Olympic Games (Paris, FRA)</b>														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
<b>Florence, Derrick (USA) (1968)</b>																	
<b>FINAL - 1986 IAAF World Junior Championships (Athens, GRE)</b>														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
<b>Fongué, Rolf (SUI) (1987)</b>																	
<b>FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)</b>														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				
<b>Forde, Rylem (JAM) (2001)</b>																	
<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>														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
<b>Förnestic, Frank (SWE) (1998)</b>																	
<b>C FINAL - 2017 Windsprint (Sundsvall, SWE)</b>														(2017) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>			
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	
<b>Forsberg, Johan (SWE) (1992)</b>																	
<b>E FINAL - 2013 Windsprint (Sundsvall, SWE)</b>														(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>			
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	
<b>E FINAL - 2011 Windsprint (Sundsvall, SWE)</b>														(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>			
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	
<b>Forte, Julian (JAM) (1993)</b>																	
<b>FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)</b>														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		
<b>A FINAL - 2014 Windsprint (Sundsvall, SWE)</b>														(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>			
date	20-Jul-14	time		3.96				6.65		8.40			10.19	10.19	3 / <del>3</del> 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	
<b>A FINAL - 2013 Windsprint (Sundsvall, SWE)</b>														(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>			
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
<b>Fossøy, Jostein (NOR) (1992)</b>																	
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)**

date	26-Jul-15	time	7.09	9.08	11.12	11.12	(2015) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>	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)**

date	20-Jul-14	time	4.05	6.94	8.87	10.86	10.86	(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>	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)**

date	17-Jun-12	time	4.10	6.95	8.86	10.86	10.86	(2012) - <a href="http://www.elitlandslag.se/SprintHäck/KortSprint.aspx">www.elitlandslag.se/SprintHäck/KortSprint.aspx</a>	/ 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
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**Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.95	3.90	4.80	6.60	8.35	10.20	10.20	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	

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

date	15-Aug-09	time	2.99	3.93	4.83	6.62	8.39	10.21	10.21	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	

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

date	14-Jun-09	time	3.01	3.95	4.85	6.60	8.38	10.19	10.19	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	

*Graubner (2009) - <http://www.fgs.uni-halle.de>***FINAL - 2008 Asian Indoor Championships (Doha, QAT)**

date	14-Feb-08	time	1.91	3.00	3.95	4.86	5.74	6.62	6.62	6.62	6.62	4 / 1			
reaction time		interval		1.09	0.95	0.91	0.88	0.88				# 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	

*Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008***Frater, Michael (JAM) (1982)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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**Heat 7 - 2011 IAAF World Championships (Daegu, KOR)**

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

*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011***FINAL - 2010 Osaka Grand Prix (Osaka, JPN)**

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

*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride***Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)**

date	16-Aug-09	time	2.97	3.91	4.81	6.59	8.31	10.14	10.14	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

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

date	15-Aug-09	time	2.95	3.89	4.78	6.54	8.28	10.09	10.09	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	

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

date	15-Aug-09	time	2.98	3.93	4.84	6.62	8.40	10.30	10.30	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	

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)**

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

*Graubner (2009) - <http://www.fgs.uni-halle.de>***FINAL - 2008 Olympic Games (Beijing, CHN)**

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	<b>PB</b>	# 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

*Vazel (2020) - <https://twitter.com/pjvazel/status/1295071299350470663?s=21>*



**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  
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  
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)**

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)**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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Fujiwara, Hiroto (JPN) (2003)</b>																	
<b>A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
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
<b>Heat 1 - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
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	0.91	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
<b>Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)</b>												<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>					
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	<b>PB</b>		# 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
<b>U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
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			
<b>FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)</b>												<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>					
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
<b>Fujiwara, Ryusei (JPN)</b>																	
<b>FINAL - 2023 Shimane High School Championships (Izumo, JPN)</b>												<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>					
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
<b>FINAL - 2022 Shimane High School Championships (Izumo, JPN)</b>												<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>					
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
<b>FINAL - 2021 Shimane High School Championships (Izumo, JPN)</b>												<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>					
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
<b>Fukagawa, Shinpei (JPN) (2002)</b>																	
<b>FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)</b>												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
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
<b>Heat 3 - 2020 Japanese U20 National Championships (Hiroshima, JPN)</b>												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
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
<b>Fukufuka, Maleselo (TGA) (2005)</b>																	
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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 / <del>8</del> 7			
reaction time	0.155	interval	1.20	1.10	1.09	1.08	1.06	1.09	1.10	1.11	1.13	<b>PB</b>		# 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
<b>Fukushima, Kiyoshi (JPN) (2000)</b>																	
<b>FINAL - 2017 Japanese High School Championships (Yamagata, JPN)</b>												<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>					
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
<b>Galiyev, Rinat (KAZ) (1984)</b>																	
<b>FINAL - 2008 Asian Indoor Championships (Doha, QAT)</b>												<i>Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008</i>					
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	



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Gao Yulong (CHN) (2003)</b>																	
<b>FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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	0.90	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
<b>Heat 5 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																	
<i>Shandong Athletics Sport Science (2024)</i>																	
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
<b>Garcia, Melique (HON) (1992)</b>																	
<b>Prelim 3 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
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
<b>Garcia, Yordanis (CUB) (1988)</b>																	
<b>Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)</b>													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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	<b>PB</b>	# of strides			
wind	0.2 m/s	velocity		6.56		10.47		10.70		10.81		10.42	9.43				
<b>Gardener, Jason (GBR) (1975)</b>																	
<b>Semi-Final 1 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	07-Aug-02	time		2.97		3.94		4.87		6.68		8.50	10.36	10.36	1 / 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	
<b>Quarter-Final 1 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	06-Aug-02	time		2.93		3.89		4.81		6.60		8.41	10.22	10.28	1 / 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	
<b>Heat 5 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	06-Aug-02	time		2.95		3.91		4.82		6.62		8.42	10.29	10.29	1 / 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	
<b>FINAL - 1999 IAAF World Championships (Sevilla, ESP)</b>													<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>				
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
<b>Gardiner, Rija Vatomanga (MAD) (1999)</b>																	
<b>Prelim 3 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
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	<b>PB</b>	# 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
<b>Garia, Christopher (NED) (1992)</b>																	
<b>FINAL - 2019 The Match - Europe v USA (Minsk, BLR)</b>													<i>European Athletics (2019) - race analysis</i>				
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			
<b>Gatlin, Justin (USA) (1982)</b>																	
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
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			
<b>FINAL - 2019 IAAF World Championships (Doha, QAT)</b>													<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>				
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
<b>FINAL - 2019 Weltklasse (Zürich, SUI)</b>													<i>Omega Timing (2019) - diamond league race analysis</i>				
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	<b>44.0</b>			

**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	0.87	0.90	0.91		# of strides
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

**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
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

**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
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

**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
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

**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	<b>PB</b>	# of strides	
wind	1.5 m/s	velocity	7.89	11.67	11.90	11.49	10.21	

**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 / <del>4</del>
reaction time		interval	1.06	0.89	0.86	0.86	0.87	0.83	0.87	0.90	0.87	<b>DV</b>	# of strides	
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	

**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 / <del>4</del>
reaction time		interval	1.02	0.95	0.85	0.89	0.86	0.85	0.87	0.88	0.92	<b>DV</b>	# of strides	
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	

**FINAL - 2006 Qatar Super Grand Prix (Doha, QAT)***Kuitunen (2006) - justin gatin 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	1 / <del>4</del>
reaction time		interval	1.05	0.91	0.85	0.84	0.81	0.82	0.86	0.84	0.86	<b>-WR DV</b>	# of strides	
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	

**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	1 / <del>4</del>
reaction time		interval	1.02	0.93	0.89	0.86	0.86	0.86	0.86	0.86	0.88	<b>DV</b>	# of strides	
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	

**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
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	

**FINAL - 2004 Olympic Games (Athens, GRE)***Brito (2007) - 100m stats, you may be interested ([www.elitetrack.com/forums](http://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	<b>PB</b>	# of strides	
wind	0.6 m/s	velocity	5.35	9.71	11.28	11.76	11.63	11.70	11.49	10.15	

**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	<b>PB</b>	# of strides	
wind	0.0 m/s	velocity	5.15	10.00	10.75	11.36	11.76	11.49	11.76	11.49	11.36	10.08	42.0	

**Gavélas, Aristotélis (GRE) (1978)**      10m   20m   30m   40m   50m   60m   70m   80m   90m   100m   Official Time   Lane / Place   0-30m   30-60m   60-90m

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



**FINAL - 2002 European Championships (Munich, GER)**

date	07-Aug-02	time	2.97	3.92	4.82	6.62	8.45	10.36	10.36	Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>		
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)**

date	07-Aug-02	time	2.96	3.91	4.81	6.61	8.43	10.34	10.34	Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>		
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)**

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	Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season			
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)**

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	Graubner (2011) - biomechanical analysis of the sprint and hurdle- 2009 IAAF world championships in athletics				
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)**

date	16-Aug-09	time	2.99	3.92	4.80	6.54	8.21	9.93	9.93	Graubner (2009) - biomechanical analyses at the 12th IAAF world championships			
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)**

date	15-Aug-09	time	2.97	3.90	4.79	6.53	8.22	9.98	9.98	Graubner (2009) - biomechanical analyses at the 12th IAAF world championships		
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)**

date	15-Aug-09	time	3.02	3.96	4.85	6.62	8.35	10.16	10.16	Graubner (2009) - biomechanical analyses at the 12th IAAF world championships		
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)**

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	USATF Women's Sprint Development with HPC (2008)				
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)**

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	USATF Women's Sprint Development with HPC (2008)				
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)**

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	USATF Women's Sprint Development with HPC (2008)				
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)**

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	USATF Women's Sprint Development with HPC (2008)			
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)**

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	Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles			
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)**

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	Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data				
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)**

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	Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics				
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											
<b>FINAL - 2006 Weltklasse (Zurich, SUI)</b>														<i>Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&amp;id=15</i>														
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	<b>PB</b>	# 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											
<b>FINAL - 2006 USATF National Championships (Indianapolis, IN)</b>														<i>USATF Women's Sprint Development (2006)</i>														
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 / <del>2</del> 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											
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b>														<i>USATF Women's Sprint Development (2006)</i>														
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											
<b>Gehne, Felix (GER) (1993)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2010 German National Youth Championships (Ulm, GER)</b>														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>														
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	<b>=PB</b>	# 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												
<b>Gemili, Adam (GBR) (1993)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b>														<i>Omega Timing (2022) - diamond league race analysis</i>														
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														
<b>FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)</b>														<i>Omega Timing (2021) - diamond league race analysis</i>														
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														
<b>FINAL - 2019 Weltklasse (Zürich, SUI)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>														
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														
<b>FINAL - 2019 Müller Grand Prix (Birmingham, GBR)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>														
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														
<b>Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>														
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															
<b>Gelach, Mikael (SWE) (1984)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL - 2016 Windsprint (Sundsvall, SWE)</b>														<i>(2016) - www.windsprint/Splittider/</i>														
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												
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>														<i>(2016) - www.windsprint/Splittider/</i>														
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												
<b>F FINAL - 2014 Windsprint (Sundsvall, SWE)</b>														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
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												
<b>G FINAL - 2013 Windsprint (Sundsvall, SWE)</b>														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
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												





		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Glave, Romell (JAM) (1999)</b>																	
<b>Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)</b>																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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					
<b>Glide, Vebjörn (NOR) (1993)</b>																	
<b>E FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																	
<i>(2015) - www.windsprint/Splittider/</i>																	
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		
<b>Göbel, Tim (GER) (1982)</b>																	
<b>FINAL - 2001 European Cup (Bremen, GER)</b>																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
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		
<b>Goldman, Daniel (SWE) (1979)</b>																	
<b>F FINAL - 2011 Windsprint (Sundsvall, SWE)</b>																	
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																	
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		
<b>Golubovic, Daniel (AUS) (1993)</b>																	
<b>Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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
<b>Gomez, Mathieu (FRA) (1986)</b>																	
<b>Heat 1 - 2009 Meeting Pas de Calais (Lieviv, FRA)</b>																	
<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lieviv-m605.pdf</i>																	
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		
wind		velocity		7.37		10.47	10.53					8.66		31.5	7.37	10.49	
<b>Gong Junbo (CHN) (2006)</b>																	
<b>Heat 2 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																	
<i>Shandong Athletics Sport Science (2024)</i>																	
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
<b>Heat 7 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																	
<i>Shandong Athletics Sport Science (2024)</i>																	
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
<b>Heat 6 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>																	
<i>Shandong Athletics Sport Science (2024)</i>																	
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				<b>=PB</b>	# of strides	4.23	2.89		
wind		velocity	4.85	8.85	9.62	10.20	10.75	10.20				8.43		31.0	7.09	10.38	
<b>Heat 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																	
<i>Shandong Athletics Sport Science (2023)</i>																	
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
<b>Heat 11 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>																	
<i>Shandong Athletics Sport Science (2023)</i>																	
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		
wind		velocity	4.61	8.70	9.43	10.10	10.00	9.90				8.13		31.0	6.85	10.00	
<b>Heat 8 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>																	
<i>Shandong Athletics Sport Science (2023)</i>																	
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		
wind		velocity	4.69	8.70	9.01	9.26	9.35	8.47				7.77		30.0	6.83	9.01	
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>																	
<i>Shandong Athletics Sport Science (2022)</i>																	
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



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>González, José (DOM) (1995)</b>																	
<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>															
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
<b>Goto, Tatsuki (JPN) (2002)</b>																	
<b>Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)</b>		<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>															
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
<b>Green, Cejhae (ANT) (1995)</b>																	
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>		<i>Longines Timing (2022) - commonwealth games race analysis</i>															
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			
<b>Green, Joseph (GUM) (2001)</b>																	
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>															
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 / <del>5</del> 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
<b>Greene, Cejhae (ANT) (1995)</b>																	
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympc Games - Results Book (2024)</i>															
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
<b>FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)</b>		<i>Omega Timing (2021) - diamond league race analysis</i>															
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			
<b>Greene, Maurice (USA) (1974)</b>																	
<b>FINAL - 2005 USATF National Championships (Carson, CA)</b>		<i>USATF Women's Sprint Development (2005)</i>															
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		
<b>FINAL - 2004 Olympic Games (Athens, GRE)</b>		<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>															
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
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>		<i>USATF Women's Sprint Development (2004)</i>															
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
<b>FINAL - 2001 IAAF World Championships (Edmonton, CAN)</b>		<i>Veney - split times from PJ</i>															
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
<b>FINAL - 2000 Olympic Games (Sydney, AUS)</b>		<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>															
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
<b>FINAL - 2000 ISTAF (Berlin, GER)</b>		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
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	
<b>FINAL - 1999 IAAF World Championships (Sevilla, ESP)</b>		<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>															
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	
<b>Race 3 - 1999 Tsikilitiria Grand Prix II (Athens, GRE)</b>		<i>Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)</i>															

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	<b>WR</b>	# 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	
<b>FINAL - 1997 IAAF World Championships (Athens, GRE)</b>			<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>															
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	<b>=CR / PB</b>	# 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	
<b>FINAL - 1997 Weltklasse (Stuttgart, GER)</b>			<i>Arakelyan (1998) whether deliberate analysis?</i>															
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		
<b>Griffith, Adrian (BAH) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)</b>			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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		
<b>Heat 5 - 2009 IAAF World Championships (Berlin, GER)</b>			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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		
<b>Grillo, Beppo (MLT) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Prelim 6 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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	
<b>Grimes, Mickey (USA) (1976)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>			<i>USATF Women's Sprint Development with HPC (2008)</i>															
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	
<b>Heat 2 - 2008 USA Olympic Trials (Eugene, OR)</b>			<i>USATF Women's Sprint Development with HPC (2008)</i>															
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	
<b>Groth, Joel (SWE) (1991)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>B FINAL - 2015 Windsprint (Sundsvall, SWE)</b>			<i>(2015) - www.windsprint/Splittider/</i>															
date	26-Jul-15	time		4.05			6.81		8.64		10.51	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		
<b>A FINAL - 2013 Windsprint (Sundsvall, SWE)</b>			<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time		4.14			6.89		8.70		10.58	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		
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b>			<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	24-Jul-07	time		4.45			7.66		9.76		11.95	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		
<b>Groisard, Régis (FRA) (1973)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 1996 International French Championships (Bercy, FRA)</b>			<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>															
date	10-Feb-96	time	1.93	3.00	3.99	4.90	5.80	6.72				6.72	6.72	/ 4				
reaction time		interval		1.07	0.99	0.91	0.90	0.92						# of strides	3.99	2.73		
wind		velocity	5.18	9.35	10.10	10.99	11.11	10.87				8.93			7.52	10.99		
<b>Heat 2 - 1996 International French Championships (Bercy, FRA)</b>			<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>															
date	10-Feb-96	time	1.92	3.02	3.98	4.90	5.80	6.72				6.72	6.72	/ 3				
reaction time		interval		1.10	0.96	0.92	0.90	0.92						# of strides	3.98	2.74		
wind		velocity	5.21	9.09	10.42	10.87	11.11	10.87				8.93			7.54	10.95		
<b>Grønhaug, Jonas (NOR) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>C FINAL - 2017 Windsprint (Sundsvall, SWE)</b>			<i>(2017) - www.windsprint/Splittider/</i>															
date	30-Jul-17	time		4.14		6.14	7.13		9.10		11.15	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)**

date	20-Jul-14	time	4.09	6.97	8.86	10.83	10.83	(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>	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)**

date	28-Jul-13	time	4.16	7.07	9.01	11.01	11.01	(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>	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)**

date	17-Jun-12	time	4.20	7.19	9.17	11.19	11.19	(2012) - <a href="http://www.elitlandslag.se/SprintHäck/KortSprint.aspx">www.elitlandslag.se/SprintHäck/KortSprint.aspx</a>	1 / 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)**

date	31-Jul-11	time	4.18	7.12	9.08	11.10	11.10	(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	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
<b>Heat 8 - 2009 IAAF World Championships (Berlin, GER)</b>															
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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		
<b>FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																	
<i>Shandong Athletics Sport Science (2024)</i>																	
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	<b>PB</b>	# 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		
<b>Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
<i>Shandong Athletics Sport Science (2023)</i>																	
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

**Gvuš, Jíří (CZE) (1995)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>																
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																
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)**

<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>															
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	# 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		
<b>Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)</b>																	
<i>Francis (1997) - training for speed</i>																	
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)**

<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>															
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
<b>Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>															
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>															
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							

**Hagberg, Erik (SWE) (1995)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>C FINAL - 2014 Windsprint (Sundsvall, SWE)</b>															
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
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

<b>Hain, Christian (CZE) (1993)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>															
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
wind		velocity	4.90	8.77	9.52	10.00	9.90	9.90			8.28			7.09	9.93

<b>Hainuca, Gilbert (NAM) (1994)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)</b>															
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	

<b>Hall, Elijah (USA) (1994)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)</b>															
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	

<b>Hall, Jeremy (USA) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)</b>																		
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

<b>Heat 2 - 2008 USA Olympic Trials (Eugene, OR)</b>																	
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

<b>Hällman, Simon (SWE) (1996)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>H FINAL - 2013 Windsprint (Sundsvall, SWE)</b>															
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

<b>Hansen, Simon (DEN) (1998)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>																		
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

<b>Hara, Shota (JPN) (1992)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2017 Fuse Sprint (Fuse, JPN)</b>																		
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	1 / 3				
reaction time		interval		1.07	0.96	0.90	0.88	0.88	0.88	0.89	0.89	0.91	<b>PB</b>	# 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

<b>FINAL - 2016 Fuse Sprint (Tottori, JPN)</b>																		
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	1 / 6				
reaction time		interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.90	0.92	<b>PB</b>	# 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

<b>Hardee, Trey (USA) (1984)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)</b>															
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		

<b>Harden, Tim (USA) (1974)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1999 IAAF World Championships (Sevilla, ESP)</b>																	
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

<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b>															
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	



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Hargrett, Chrisdon (USA) (1984)</b>																	
<b>Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Harris, Adam (GUY) (1987)</b>																	
<b>Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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	
<b>Heat 12 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
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	
<b>Harris, Cedric (USA) (1986)</b>																	
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>		<i>USATF Women's Sprint Development (2005)</i>															
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
<b>Harris, Naquille (SKN) (2002)</b>																	
<b>Heat 3 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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		7.46	10.99	11.07
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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		7.43	11.07	11.24
<b>Harris, Odell (USA) (1987)</b>																	
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b>		<i>USATF Women's Sprint Development (2006)</i>															
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
<b>Harrison, Eric (TTO) (1999)</b>																	
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>		<i>Longines Timing (2022) - commonwealth games race analysis</i>															
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			
<b>Hartmann, Joshua (GER) (1999)</b>																	
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b>		<i>Omega Timing (2024) - diamond league race analysis</i>															
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
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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		7.65	11.24	11.24
<b>Heat 2 - 2024 Olympic Games (Paris, FRA)</b>		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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		7.65	11.24	11.32

<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>														<i>Omega Timing (2024) - diamond league race analysis</i>				
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	
<b>FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>				
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	
<b>FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>				
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	
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>				
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	
<b>National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>				
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	
<b>Hartych, Vít (CZE) (1997)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>														<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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					
<b>Harvey, Jak Ali (TUR) (1989)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)</b>														<i>Omega Timing (2021) - diamond league race analysis</i>				
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				
<b>Harvey, Jacques (JAM) (1989)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2011 Windsprint (Sundsvall, SWE)</b>														<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	31-Jul-11	time			3.91		6.53		8.24		10.03	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		
<b>Hašek, Josef (CZE) (1997)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>														<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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					
<b>Hashimoto, Akiyuki (JPN) (1994)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2012 Japanese National High School Championships (Niigata, JPN)</b>														<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>				
date	30-Jul-12	time				5.85	6.75	7.65	8.59	9.53	10.50	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	
<b>FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)</b>														<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>				
date	04-Aug-11	time				5.95	6.89	7.82	8.76	9.72	10.72	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	
<b>Hayamizu, Isamu (JPN) (1990)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)</b>														<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>				
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	1 / 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	
<b>Hayashi, Kanata (JPN) (2001)</b>																		
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)</b>														<i>Kobayashi (2020) - national high school and U20 national championships</i>				
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 championships*

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	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	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	<b>NU20R PB</b>	# 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					<b>PB</b>	# 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					8.81	# of strides	4.01	2.80	
		velocity	5.15	9.09	10.31	10.64	10.64	10.87						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)**

date	26-Jul-15	time	4.18	7.13	9.09	11.07	11.07	6 / 2	(2015) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>		
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)**

<b>C FINAL - 2009 ISTAF (Berlin, GER)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	14-Jun-09	time	3.08	4.06	5.00	6.83	8.69	10.52	10.52	10.52	10.52	8 / 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	9.51	9.51		7.39	10.83	

**Helsing, Yonathan (SWE) (1998)**

<b>B FINAL - 2017 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	30-Jul-17	time	4.27	6.19	7.13	9.05	11.05	11.05	11.05	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	9.05	9.05	9.05		7.03	10.49	

**A FINAL - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.21	7.08	10.95	10.95	10.95	10.95	10.95	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	9.13	9.13	9.13	9.13	9.13		7.13	10.45	

**Heat 2 - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.21	7.08	11.03	11.03	11.03	11.03	11.03	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	9.07	9.07	9.07	9.07	9.07		7.13	10.45	

**E FINAL - 2015 Windsprint (Sundsvall, SWE)**

date	26-Jul-15	time	4.20	7.21	9.19	11.22	11.22	11.22	11.22	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	8.91	8.91	8.91	8.91		7.14	9.97	

**D FINAL - 2014 Windsprint (Sundsvall, SWE)**

date	20-Jul-14	time	4.19	7.05	8.90	10.84	10.84	10.84	10.84	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	9.23	9.23	9.23	9.23		7.16	10.49	

**E FINAL - 2013 Windsprint (Sundsvall, SWE)**

date	28-Jul-13	time	4.29	7.20	9.13	11.14	11.14	11.14	11.14	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	8.98	8.98	8.98	8.98		6.99	10.31	

**Henderson, Jamie (GBR) (1969)**

<b>FINAL - 1986 IAAF World Junior Championships (Athens, GRE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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	10.34	10.34		
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)**

<b>Para FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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	11.39	11.39		
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)**

<b>B FINAL - 2012 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	17-Jun-12	time	4.07	6.85	8.66	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53
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	9.50	9.50	9.50	9.50		7.37	10.79	

**Hicklin, Brandon (USA) (1999)**

<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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	10.13	10.13		
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)**

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	10.08	6 / 3
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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

<b>Hidaka, Kazuyoshi (JPN) (1980)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)</b>																	
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	10.36	10.36	10.36	
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

<b>Higashida, Akihiro (JPN) (1995)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 1 - 2024 Olympic Games (Paris, FRA)</b>																		
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	10.19	10.19	10.19		
reaction time		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
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>																		
date	05-Oct-19	time		3.93		5.75					10.34	10.34	10.34	10.34	10.34	10.34	10.34	
reaction time		interval				1.82					4.59	4.59	4.59	4.59	4.59	4.59	4.59	
wind	-0.1 m/s	velocity		7.63		3.48					10.89	9.67	10.89	9.67	10.89	9.67	10.89	

<b>Hill, Ronald (USA) (1984)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>																	
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	10.83	10.83	10.83	
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

<b>Hilmersson, Jonas (SWE) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>C FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																
date	25-Jul-09	time		4.14		7.07		9.02		11.09	11.09	11.09	11.09	11.09	11.09	11.09
reaction time		interval				2.93		1.95		2.07	2.07	2.07	2.07	2.07	2.07	2.07
wind	3.0 m/s	velocity		7.25		10.24		10.26		9.66	9.66	9.66	9.66	9.66	9.66	9.66
<b>C FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																
date	24-Jul-07	time		4.24		7.27		9.35		11.47	11.47	11.47	11.47	11.47	11.47	11.47
reaction time		interval				3.03		2.08		2.12	2.12	2.12	2.12	2.12	2.12	2.12
wind	-0.4 m/s	velocity		7.08		9.90		9.62		9.43	9.43	9.43	9.43	9.43	9.43	9.43

<b>Hilton, Cody (USA) (1998)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>																	
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	10.33	10.33	10.33	
reaction time		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

<b>Hinchliffe, Louie (GBR) (2002)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Semi-Final 1 - 2024 Olympic Games (Paris, FRA)</b>																		
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	9.97	9.97	9.97		
reaction time		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
<b>Heat 3 - 2024 Olympic Games (Paris, FRA)</b>																		
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	9.98	9.98	9.98		
reaction time		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

<b>FINAL - 2024 London Athletics Meet (London, GBR)</b>																		
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	9.97	9.97	9.97	9.97	
reaction time		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

<b>Hinds, Andrew (BAR) (1984)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)</b>																	
date	15-Aug-09	time	2.96	3.91	4.82		6.61		8.38		10.23	10.23	10.23	10.23	10.23	10.23	
reaction time		interval		0.95	0.91		1.79		1.77		1.85	1.85	1.85	1.85	1.85	1.85	
wind	0.1 m/s	velocity	6.76	10.53	10.99		11.17		11.30		10.81	9.78	9.78	9.78	9.78	9.78	
<b>Heat 7 - 2009 IAAF World Championships (Berlin, GER)</b>																	
date	15-Aug-09	time	3.00	3.96	4.87		6.67		8.46		10.30	10.30	10.30	10.30	10.30	10.30	
reaction time		interval		0.96	0.91		1.80		1.79		1.84	1.84	1.84	1.84	1.84	1.84	
wind	0.4 m/s	velocity	6.67	10.42	10.99		11.11		11.17		10.87	9.71	9.71	9.71	9.71	9.71	

<b>FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																	
date	25-Jul-09	time		3.92		6.59		8.33		10.19	10.19	10.19	10.19	10.19	10.19	10.19	10.19

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

<b>Hines, Jim (USA) (1946)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 1968 Olympic Games (Mexico City, MEX) (Altitude)		<i>Tepper (1978) - Analyse der Trainingsgestaltung und Leistungsentwicklung in den Sprintdisziplinen der M und F</i>														
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	<b>WR</b>		# 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	
<b>Hirano, Shodai (JPN) (2001)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 2020 Japanese U20 National Championships (Hiroshima, JPN)		<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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	10.10	9.90	9.28	49.3	7.48	10.53	10.31
<b>Heat 1</b> - 2020 Japanese U20 National Championships (Hiroshima, JPN)		<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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	10.31	10.20	9.90	9.29	49.0	7.44	10.56	10.38
<b>Hirao, Yuki (JPN) (1996)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL</b> - 2017 Mikio Oda Memorial (Hiroshima, JPN)		<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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	1 / 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	10.53	9.61	50.1	7.63	10.79	10.91
<b>Hirscht, Jobst (FRG) (1948)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 1972 Olympic Games (Munich, FRG)		<i>Breizer (1984) - sprint competition analysis</i>														
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	
<b>Hirsiger, Alexis (SUI) (2005)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B Race</b> - 2023 Athletissima (Lausanne, SUI)		<i>Omega Timing (2023) - diamond league race analysis</i>														
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
<b>Hjelle, Øivind (NOR) (1991)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>G FINAL</b> - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
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		
<b>Hock, Jochen (GER) (1993)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL</b> - 2010 German National Youth Championships (Ulm, GER)		<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-10	time		3.18	4.20	5.17		7.05		9.05		11.07	11.07	1 / 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	
<b>Holiday, Trindon (USA) (1986)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Semi-Final 1</b> - 2008 USA Olympic Trials (Eugene, OR)		<i>USATF Women's Sprint Development with HPC (2008)</i>														
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
<b>Quarter-Final 3</b> - 2008 USA Olympic Trials (Eugene, OR)		<i>USATF Women's Sprint Development with HPC (2008)</i>														
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
<b>Heat 1</b> - 2008 USA Olympic Trials (Eugene, OR)		<i>USATF Women's Sprint Development with HPC (2008)</i>														
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
<b>Hollund, Jarle (NOR) (1988)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>C FINAL</b> - 2012 Windsprint (Sundsvall, SWE)		<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>														
date	17-Jun-12	time			4.15		7.01		8.92		10.91	10.91	1 / 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		



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Hongisto, Visa (FIN) (1987)</b>																	
<b>FINAL - 2008 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Honma, Keisuke (JPN) (1993)</b>																	
<b>Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN)</b>																	
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
<b>Hoornaert, Valentijn (BEL) (2000)</b>																	
<b>National - Heat 1 - 2023 FBK Games (Hengelo, NED)</b>																	
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		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	
<b>Hordge, Willie (USA) (1984)</b>																	
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>																	
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	
<b>Hori, Sion (JPN) (2003)</b>																	
<b>FINAL - 2020 Shimane High School Championships (Izumo, JPN)</b>																	
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
<b>Horie, Shintaro (JPN) (1990)</b>																	
<b>Race B - 2014 Izumo Athletics Games (Izumo, JPN)</b>																	
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
<b>Hoshida, Daichi (JPN) (2003)</b>																	
<b>U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>																	
date	04-Oct-19	time		4.14			6.13				11.13	11.13	11.13	3 / 5			
reaction time		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			
<b>Hove Johnansen, Mattias (NOR) (1998)</b>																	
<b>A FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Hou Shaoqing (CHN) (1999)</b>																	
<b>FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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		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
<b>Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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		interval		1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.94	0.99	<b>PB</b>	# 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
<b>FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																	
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		interval		1.08	0.95	0.93	0.92	0.93	0.91	0.93	0.96	0.99	<b>PB</b>	# 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
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																	
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		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
<b>Howell, Davonte (CAY) (2005)</b>																	
<b>Heat 5 - 2024 Olympic Games (Paris, FRA)</b>																	
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) (1991)**

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

**Hrnčir, 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	

**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 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							# 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							# 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	<b>PB</b>	# 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, Zhanel (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 - 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

**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

**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

**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

**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	1 / 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	<b>PB</b>	# 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/](http://www.ssg.se/en/Windsprint/Split-times/)

date	25-Jul-09	time			4.23		7.09		8.97		10.92	10.92	10.92	1 / 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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Ibrahim, Mahmoud Hafiz (KSA) (1993)</b>																
<b>FINAL - 2021 Doha Diamond League (Doha, QAT)</b>																
<i>Omega Timing (2021) - diamond league race analysis</i>																
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			
<b>Idås, Anders Erlend (NOR) (1990)</b>																
<b>B FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																
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			
<b>Idenfors, Daniel (SWE) (1988)</b>																
<b>D FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																
<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																
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				
<b>Idris, Muhd Noor Firdaus (BRU) (1996)</b>																
<b>Prelim 6 - 2024 Olympic Games (Paris, FRA)</b>																
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
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
<b>Iizuka, Shota (JPN) (1991)</b>																
<b>FINAL - 2020 Japanese National Championships (Niigata, JPN)</b>																
<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>																
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
<b>Race 2 - 2020 World Athletics Trials (Fuji, JPN)</b>																
<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>																
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
<b>FINAL - 2019 Japanese National Championships (Fukuoka, JPN)</b>																
<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>																
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
<b>FINAL - 2018 Fuse Sprint (Tottori, JPN)</b>																
<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>																
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	11.24	11.24	10.87	10.75	9.79	48.0	7.69	11.15
<b>FINAL - 2017 Fuse Sprint (Fuse, JPN)</b>																
<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>																
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	<b>PB</b>	# 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
<b>Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN)</b>																
<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																
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	0.89	0.90	0.92	0.95	<b>PB</b>	# of strides	3.94	2.68
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
<b>FINAL - 2009 Japanese National High School Championships (Nara, JPN)</b>																
<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>																
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		
<b>Ikeda, Daisuke (JPN) (1986)</b>																
<b>Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN)</b>																
<i>Hisashi (2010) - the run performance analysis in the decathlon sprint events</i>																
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
<b>Ikeda, Seiryō (JPN) (2002)</b>																
<b>U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>																
<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																
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			



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Imori, Tadashi (JPN) (1977)</b>																	
<b>B Final - 2008 Osaka Grand Prix (Osaka, JPN)</b>		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>															
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
<b>Imran, Muhammad (PAK) (1983)</b>																	
<b>FINAL - 2008 Asian Indoor Championships (Doha, QAT)</b>		<i>Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008</i>															
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	
wind		velocity	5.21	9.09	10.20	10.53	10.87	10.53				8.80			7.50	10.64	
<b>Inoue, Mizuki (JPN) (2003)</b>																	
<b>Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)</b>		<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>															
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
<b>U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>		<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>															
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		
<b>Inoue, Naoki (JPN) (2003)</b>																	
<b>FINAL - 2021 Japanese High School National Championships (Fukui, JPN)</b>		<i>Shibayama (2021) - national high school and U20 national championships</i>															
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	<b>PB</b>	# 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
<b>Inoue, Sosuke (JPN)</b>																	
<b>FINAL - 2020 Shimane High School Championships (Izumo, JPN)</b>		<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>															
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
<b>FINAL - 2019 Shimane High School Championships (Izumo, JPN)</b>		<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>															
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
<b>Inoue, Tetsuya (JPN)</b>																	
<b>FINAL - 2024 Shimane High School Championships (Izumo, JPN)</b>		<i>Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis</i>															
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
<b>Isa, Yoshinori (JPN) (1993)</b>																	
<b>Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)</b>		<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>															
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
<b>Ishihara, Hiroyuki (JPN) (1990)</b>																	
<b>FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)</b>		<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>															
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
<b>Ishihara, Yoshiaki (JPN) (2006)</b>																	
<b>FINAL - 2024 Shimane High School Championships (Izumo, JPN)</b>		<i>Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis</i>															
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
<b>FINAL - 2023 Shimane High School Championships (Izumo, JPN)</b>		<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>															
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
<b>Ishikura, Kazuki (JPN) (1980)</b>																	
<b>A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)</b>		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>															
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	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	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	0.93	0.96	0.98	<b>PB</b>		# 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)**

date	25-May-19	time	4.13	7.02
reaction time		interval		2.89
wind	1.3 m/s	velocity	7.26	10.38

*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

	9.93	11.04	11.04	9 / 4
	2.91	1.11		# of strides 4.13 2.89 2.91
	10.31	9.01	9.06	53.0 7.26 10.38 10.31

**Jackson, Tim (AUS) (1969)****FINAL - 1994 (Tønsberg, NOR)**

date	20-Jul-94	time	3.99	6.64	8.40	10.24	10.24
reaction time		interval		2.65	1.76	1.84	<b>PB</b>
wind	1.8 m/s	velocity	7.52	11.32	11.36	10.87	9.77

**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**  
*(2007) - www.ssg.se/en/Windsprint/Split-times/*


**Jacobs, Lamont Marcell (ITA) (1994)****FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)**

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
reaction time	0.128	interval		1.07	0.94	0.89	0.88	0.86	0.87	0.88	0.91	1.01
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

**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**  
*Omega Timing (2024) - diamond league race analysis*


**FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)**

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
reaction time	0.145	interval		1.04	0.94	0.88	0.86	0.85	0.85	0.84	0.87	0.88
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

*Omega Timing (2024) - diamond league race analysis*


**FINAL - 2024 Olympic Games (Paris, FRA)**

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
reaction time	0.114	interval		1.05	0.93	0.89	0.86	0.84	0.84	0.85	0.85	0.87
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

*Paris 2024 Olympic Games - Results Book (2024)*


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

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
reaction time	0.135	interval		1.06	0.94	0.88	0.87	0.85	0.86	0.86	0.85	0.86
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

*Paris 2024 Olympic Games - Results Book (2024)*


**Heat 5 - 2024 Olympic Games (Paris, FRA)**

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
reaction time	0.142	interval		1.06	0.94	0.91	0.87	0.85	0.88	0.87	0.87	0.90
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

*Paris 2024 Olympic Games - Results Book (2024)*


**FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)**

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
reaction time	0.131	interval		1.06	0.94	0.90	0.87	0.86	0.86	0.88	0.88	0.91
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

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


**FINAL - 2023 Meeting de Paris (Paris, FRA)**

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
reaction time	0.140	interval		1.05	0.95	0.90	0.89	0.89	0.88	0.90	0.92	0.96
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

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


**FINAL - 2020 Olympic Games (Tokyo, JPN)**

date	01-Aug-21	time		3.67		6.41		8.08		9.80		
reaction time	0.161	interval				2.74		3.39		1.72		<b>AR</b>
wind	0.1 m/s	velocity		8.17		10.95		5.90		11.63		10.20

*Vazel (2021) - analyzing the olympic 100-meter sprints*


**Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN)**

date	01-Aug-21	time		3.84		6.40		8.08		9.84		9.84
reaction time	0.179	interval				2.56		3.44		1.76		<b>AR</b>
wind	0.9 m/s	velocity		7.81		11.72		5.81		11.36		10.16

*Vazel (2021) - analyzing the olympic 100-meter sprints*


**FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)**

date	09-Jul-21	time		3.0		4.8		6.6		8.3		9.99
reaction time	0.204	interval				1.80		1.80		1.70		1.69
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.76		11.83

*Omega Timing (2021) - diamond league race analysis*


**FINAL - 2021 Bauhaus Galan (Stockholm, SWE)**

date	04-Jul-21	time		3.0		4.8		6.5		8.3		10.05
reaction time	0.138	interval				1.80		1.70		1.80		1.75
wind	-0.8 m/s	velocity		6.67		11.11		11.76		11.11		11.43

*Omega Timing (2021) - diamond league race analysis*


**FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)**

date	17-Sep-20	time		3.0		4.8		6.6		8.4		10.11
reaction time	0.134	interval				1.80		1.80		1.80		1.71
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.11		11.70

*Omega Timing (2020) - diamond league race analysis*


Jarošek, Michal (CZE) (1996)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>												<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>					
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	
<b>Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>					
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
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>					
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	<b>PB</b>	# 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
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>					
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	
<b>FINAL - 2005 USATF National Championships (Carson, CA)</b>												<i>USATF Women's Sprint Development (2005)</i>					
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	
<b>FINAL - 2024 Chinese National Championships (Quzhou, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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
<b>Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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
<b>Heat 5 - 2024 Chinese National Championships (Quzhou, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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
<b>Semi-Final 3 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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	<b>PB</b>	# 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
<b>Heat 9 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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	<b>PB</b>	# 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
<b>FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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
<b>Semi-Final 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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
<b>Heat 5 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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	<b>PB</b>	# 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
<b>Heat 7 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>												<i>Shandong Athletics Sport Science (2024)</i>					
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				<b>PB</b>	# 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		



<b>Jiang Chunyang (CHN) (2006)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2022)</i>				
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
<b>Jiang Junpeng (CHN) (1999)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Heat 8 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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
<b>Heat 5 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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
<b>Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	29-Mar-24	time	1.95	2.97	3.96	4.87	5.81	6.74				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	8.90	29.7	7.58	10.79	
<b>Heat 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	29-Mar-24	time	1.97	3.00	3.99	4.91	5.77	6.80				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	8.82	30.0	7.52	10.68	
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	12-Mar-24	time	1.94	2.99	3.97	4.92	5.85	6.77				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	8.86	30.0	7.56	10.71	
<b>Heat 13 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	12-Mar-24	time	1.92	2.97	3.94	4.89	5.78	6.72				6.72	6.72	3 / 3			
reaction time	0.146	interval		1.05	0.97	0.95	0.89	0.94						# of strides	3.94	2.78	
		velocity	5.21	9.52	10.31	10.53	11.24	10.64				8.93	8.93	30.0	7.61	10.79	
<b>B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	27-Feb-24	time		2.95	3.99	4.93	5.84	6.77				6.77	6.77	2 / 3			
reaction time		interval			1.04	0.94	0.91	0.93						# of strides	3.99	2.78	
		velocity		6.78	9.62	10.64	10.99	10.75				8.86	8.86	30.0	7.52	10.79	
<b>Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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
<b>Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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
<b>Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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
<b>Heat 12 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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
<b>FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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		# 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
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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)**

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	Shandong Athletics Sport Science (2023)
reaction time	0.168	interval		1.07	0.98	0.97	0.91	0.95	0.94	0.94	0.95	1.00		4 / 1
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	# of strides 3.99 2.83 2.83
														47.0 7.52 10.60 10.60

**B FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)**

date	28-Feb-23	time	2.00	3.03	4.00	4.95	5.89	6.84					6.84	Shandong Athletics Sport Science (2023)
reaction time	0.173	interval		1.03	0.97	0.95	0.94	0.95						2 / 4
		velocity	5.00	9.71	10.31	10.53	10.64	10.53					8.77	# of strides 4.00 2.84
														30.2 7.50 10.56

**Heat 8 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)**

date	28-Feb-23	time	2.00	3.05	4.02	4.97	5.90	6.85					6.85	Shandong Athletics Sport Science (2023)
reaction time	0.171	interval		1.05	0.97	0.95	0.93	0.95						2 / 2
		velocity	5.00	9.52	10.31	10.53	10.75	10.53					8.76	# of strides 4.02 2.83
														30.0 7.46 10.60

**Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)**

date	25-Feb-23	time	2.15	3.33	4.42	5.49	6.57	7.68					6.93	Shandong Athletics Sport Science (2023)
reaction time	0.172	interval		1.18	1.09	1.07	1.08	1.11						4 / 2
		velocity	4.65	8.47	9.17	9.35	9.26	9.01					8.66	# of strides 4.42 3.26
														30.7 6.79 9.20

**Johansson, Fredrik (SWE) (1986)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																	
date	08-Aug-10	time			4.16			6.95		8.79		10.68	10.68	(2010) - www.ssg.se/en/Windsprint/Split-times/			
reaction time		interval						2.79		1.84		1.89		/ 2			
wind	1.8 m/s	velocity			7.21			10.75		10.87		10.58	9.36	# of strides	4.16	2.79	
															7.21	10.75	

**B FINAL - 2009 Windsprint (Sundsvall, SWE)**

date	25-Jul-09	time			4.21			7.05		8.94		10.88	10.88	(2009) - www.ssg.se/en/Windsprint/Split-times/			
reaction time		interval						2.84		1.89		1.94		/ 4			
wind	1.1 m/s	velocity			7.13			10.56		10.58		10.31	9.19	# of strides	4.21	2.84	
															7.13	10.56	

**Johansson, Oscar (SWE) (1992)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																	
date	28-Jul-13	time			4.20			7.15		9.12		11.16	11.16	(2013) - www.ssg.se/windsprint/Splittider/			
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)**

date	17-Jun-12	time			4.43			8.79						(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx			
reaction time		interval						4.36						dnf	/ --		
wind	1.4 m/s	velocity			6.77			6.88							# of strides	4.43	4.36
																6.77	6.88

**E FINAL - 2011 Windsprint (Sundsvall, SWE)**

date	31-Jul-11	time			4.18			7.09		9.03		11.03	11.03	(2011) - www.ssg.se/en/Windsprint/Split-times/			
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>National FINAL - 2021 Bislett Games (Oslo, NOR)</b>																	
date	01-Jul-21	time		3.1		5.1		7.0		8.9		10.95	10.95	Omega Timing (2021) - diamond league race analysis			
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	
date	20-Jul-14	time			4.14			7.05		8.98		10.96	10.96	(2014) - www.ssg.se/windsprint/Splittider/			
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)**

date	28-Jul-13	time			4.07			6.91		8.82		10.80	10.80	(2013) - www.ssg.se/windsprint/Splittider/			
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b>																	
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	Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988	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		# 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

**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 / <del>4</del>			
reaction time		interval		1.03	0.90	0.88	0.88	0.86	0.88	0.88	0.90	0.93	<b>DV</b>	# 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
<b>FINAL - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters</i>														
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 / <del>4</del>			
reaction time	0.109	interval		1.02	0.94	0.87	0.86	0.85	0.85	0.87	0.86	0.87	<b>WR-DV</b>	# 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
<b>Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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 / <del>4</del>			
reaction time		interval		1.04	0.95	0.92	0.89	0.87	0.87	0.88	0.89	1.00	<b>DV</b>	# 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
<b>Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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 / <del>2</del>			
reaction time		interval		1.00	0.94	0.90	0.88	0.88	0.87	0.90	0.91	0.98	<b>DV</b>	# 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	11.19
<b>Heat 5 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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 / <del>4</del>			
reaction time		interval		1.02	0.94	0.91	0.89	0.88	0.89	0.90	0.92	0.98	<b>DV</b>	# 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	11.07
<b>FINAL - 1986 Goodwill Games (Moscow, URS)</b>			<i>Levchenko (1989) - 100 meters in 9.83: the birth of a record</i>														
date	09-Jul-86	time			3.86			6.47				9.95	9.95	/ <del>4</del>			
reaction time		interval					2.61					3.48	<b>DV</b>	# 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
<b>Johnson, Chris (USA) (1982)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2008 Windsprint (Sundsvall, SWE)</b>			<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>														
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
<b>FINAL - 2007 Windsprint (Sundsvall, SWE)</b>			<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
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	
<b>Johnson, Joshua J. (USA) (1976)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2003 USATF National Championships (Palo Alto, CA)</b>			<i>USATF Women's Sprint Development (2003)</i>														
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 / <del>5</del> 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
<b>Jonáš, Tomáš (CZE) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>			<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>														
date	15-Jun-13	time		3.12		5.13		7.07		9.04		11.11	11.11	7 / 5			
reaction time		interval		0.136		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				
<b>Jones, Conroy (JAM) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>			<i>Longines Timing (2022) - commonwealth games race analysis</i>														
date	03-Aug-22	time		2.9		4.8		6.6		8.4		10.33	10.33	6 / 5			
reaction time		interval		0.154		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		
<b>Jones, Garry (USA) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>			<i>USATF Women's Sprint Development (2003)</i>														
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
<b>Jones, Johnny (USA) (1958)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1976 Olympic Games (Montreal, CAN)</b>			<i>Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run</i>														
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
<b>Jones, Terrence (BAH) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 4 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympic Games - Results Book (2024)</i>														

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

date	03-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
<b>Jones, Thomas (SWE) (2001)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
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	<b>PB</b>	# of strides			
wind	0.5 m/s	velocity		6.67		10.53		10.53		11.11		10.75	9.56	48.5			
<b>Jonasson, Erik (SWE) (1991)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b>													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time			4.51		7.75		9.94		12.21	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	
<b>Jónsson, Óttar (NOR) (1983)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>G FINAL - 2013 Windsprint (Sundsvall, SWE)</b>													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time			4.25		7.21		9.18		11.22	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	
<b>Jonsson, Per (SWE) (1988)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>C FINAL - 2016 Windsprint (Sundsvall, SWE)</b>													<i>(2016) - www.windsprint/Splittider/</i>				
date	31-Jul-16	time			4.45		7.58				11.88	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	
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>													<i>(2016) - www.windsprint/Splittider/</i>				
date	31-Jul-16	time			4.43		7.53				11.80	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	
<b>G FINAL - 2014 Windsprint (Sundsvall, SWE)</b>													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time			4.37		7.44		9.51		11.63	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	
<b>G FINAL - 2013 Windsprint (Sundsvall, SWE)</b>													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time			4.43		7.50		9.57		11.73	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	
<b>E FINAL - 2012 Windsprint (Sundsvall, SWE)</b>													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
date	17-Jun-12	time			4.44		7.52		9.58		11.71	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	
<b>F FINAL - 2011 Windsprint (Sundsvall, SWE)</b>													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	31-Jul-11	time			4.38		7.43		9.46		11.57	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	
<b>E FINAL - 2010 Windsprint (Sundsvall, SWE)</b>													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	08-Aug-10	time			4.38		7.50		9.57		11.70	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	
<b>Jonsson, Tobias (SWE) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>C FINAL - 2016 Windsprint (Sundsvall, SWE)</b>													<i>(2016) - www.windsprint/Splittider/</i>				
date	31-Jul-16	time			4.34		7.38				11.58	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	
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>													<i>(2016) - www.windsprint/Splittider/</i>				
date	31-Jul-16	time			4.35		7.38				11.57	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							
<b>Juusela, Lasse (FIN) (1972)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1994 (Tønsberg, NOR)</b>																			
date	20-Jul-94	time			4.00			6.81		8.72		10.65	10.65	1/4					
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			
<b>Kadlec, Marcel (CZE) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b>																			
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		<b>PB</b>	# of strides					
wind	1.4 m/s	velocity		6.56	10.53		10.93		10.70		10.36	9.45							
<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																			
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				
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																			
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				
<b>Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																			
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				
<b>Kadowaki, Riku (JPN) (2000)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2018 Shimane High School Championships (Izumo, JPN)</b>																			
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		
<b>FINAL - 2017 Shimane High School Championships (Izumo, JPN)</b>																			
date	27-May-17	time			4.10			6.90			10.80	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			
<b>Kajitani, Seiya (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2023 Shimane High School Championships (Izumo, JPN)</b>																			
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		
<b>Kakiouea, Winzar (NRU) (2001)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>																			
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 / <del>6</del> 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		
<b>Kakuhashi, Yuto (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2024 Shimane High School Championships (Izumo, JPN)</b>																			
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		
<b>Kallur, Martin (SWE) (1991)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>E FINAL - 2011 Windsprint (Sundsvall, SWE)</b>																			
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			
<b>Kanamori, Kazuki (JPN) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2012 Japanese National High School Championships (Niigata, JPN)</b>																			
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	
<b>FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)</b>																			
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

<b>Kanazawa, Riki (JPN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL</b> - 2023 Shimane High School Championships (Izumo, JPN)																	
date	27-May-23	time	4.18							10.10	11.14	11.14					
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	

<b>Kaniwete, Kenaz (KIR) (2008)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Prelim 2</b> - 2024 Olympic Games (Paris, FRA)																	
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				
reaction time	0.177	interval		1.14	1.04	0.98	0.98	0.98	1.00	1.02	1.04	1.06	<b>PB</b>	# 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

<b>Kanno, Ryohei (JPN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL</b> - 2023 Japanese National High School Championships (Sapporo, JPN)																	
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				
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

<b>Kanno, Yuta (JPN) (1980)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL</b> - 2008 Osaka Grand Prix (Osaka, JPN)																	
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				
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

<b>Kapstad, Linus (SWE) (2000)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL</b> - 2017 Windsprint (Sundsvall, SWE)																	
date	30-Jul-17	time		4.17		6.10	7.03		8.94		10.90	10.90					
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		

<b>A FINAL</b> - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.15		7.00					10.93	10.93					
reaction time		interval				2.85					3.93	<b>PB</b>	# of strides	4.15	2.85		
wind	1.4 m/s	velocity		7.23		10.53					10.18	9.15		7.23	10.53		

<b>Heat 2</b> - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.15		7.02					11.00	11.00					
reaction time		interval				2.87					3.98	<b>=PB</b>	# of strides	4.15	2.87		
wind	0.7 m/s	velocity		7.23		10.45					10.05	9.09		7.23	10.45		

<b>Karlsson, Alexander (NOR) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>D FINAL</b> - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.13		6.96		8.84		10.76	10.76						
reaction time		interval				2.83		1.88		1.92	<b>PB</b>		# 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>B FINAL</b> - 2012 Windsprint (Sundsvall, SWE)																	
date	17-Jun-12	time		4.18		7.04		8.93		10.91	10.91						
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		

<b>C FINAL</b> - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time		4.09		6.93		8.81		10.76	10.76						
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		

<b>Karlsson, Erik (SWE) (1987)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL</b> - 2009 Windsprint (Sundsvall, SWE)																	
date	25-Jul-09	time		4.13		7.01		8.91		10.89	10.89						
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>B FINAL</b> - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time		4.15		7.01		8.96		10.98	10.98						
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		

<b>Karlsson, Peter (SWE) (1970)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL</b> - 1994 (Tønsberg, NOR)																	





			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Kawai, Genki (JPN) (1989)</b>																	
<b>FINAL - 2007 Japanese National High School Championships (Saga, JPN)</b>			<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>														
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
<b>Kawabata, Ryota (JPN)</b>																	
<b>FINAL - 2022 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>														
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
<b>FINAL - 2021 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>														
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
<b>Kawakami, Takuya (JPN) (1995)</b>																	
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>			<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>														
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		
<b>A FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)</b>			<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>														
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	<b>PB</b>	# 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
<b>FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)</b>			<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>														
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
<b>FINAL - 2017 Japanese National Championships (Osaka, JPN)</b>			<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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		1 / 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
<b>FINAL - 2013 Japanese National High School Championships (Oita, JPN)</b>			<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>														
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		1 / 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
<b>FINAL - 2012 Japanese National High School Championships (Niigata, JPN)</b>			<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
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
<b>Kawata, Kosuke (JPN) (2003)</b>																	
<b>Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)</b>			<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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
<b>Kawatsura, Sota (JPN) (1989)</b>																	
<b>FINAL - 2015 Japanese National Championships (Niigata, JPN)</b>			<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>														
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
<b>Heat 4 - 2015 Japanese National Championships (Niigata, JPN)</b>			<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>														
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
<b>FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)</b>			<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>														
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>B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>														



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
<b>Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>														
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
<b>Heat 1 - 2013 Japanese National Championships (Chofu, JPN)</b>			<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>														
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
<b>Kedéris, Konstadinos (GRE) (1973)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2001 European Cup (Bremen, GER)</b>			<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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	<b>PB</b>	# 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	
<b>Keller, Martin (GER) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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	
<b>Heat 7 - 2009 IAAF World Championships (Berlin, GER)</b>			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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>B FINAL - 2009 ISTAF (Berlin, GER)</b>			<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
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	
<b>Keletela, Dorian Rostan (ART) (1999)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
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 / <del>8</del> 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
<b>Kemp, Demek (USA) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 Millrose Games (New York, NY)</b>			<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>														
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	
<b>FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)</b>			<i>PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/</i>														
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					<b>PB</b>	# 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	
<b>FINAL - 2019 The Match - Europe v USA (Minsk, BLR)</b>			<i>European Athletics (2019) - race analysis</i>														
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			
<b>Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)</b>			<i>Omega Timing (2019) - diamond league race analysis</i>														
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				
<b>Kerley, Fred (USA) (1995)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>			<i>Omega Timing (2024) - diamond league race analysis</i>														
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
<b>FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)</b>			<i>Omega Timing (2024) - diamond league race analysis</i>														
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	
<b>FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>					
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	
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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	
<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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	
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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	
<b>FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>					
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	
<b>FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	
<b>FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	
<b>FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	
<b>FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>					
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				
<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>					
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				
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>					
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				
<b>FINAL - 2021 Memorial van Damme (Brussels, BEL)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>					
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				
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>					
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)**

date	01-Aug-21	time	3.79	6.39	8.10	9.84	9.84	5 / 2	<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>		
reaction time	0.128	interval		2.60	3.45	1.74	<b>PB</b>	# 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)**

date	13-Jul-21	time	3.0	4.9	6.6	8.4	10.13	10.13	5 / 5	<i>Omega Timing (2021) - diamond league race analysis</i>		
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)**

date	09-Jul-21	time	3.0	4.9	6.6	8.4	10.15	10.15	6 / 6	<i>Omega Timing (2021) - diamond league race analysis</i>		
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)**

<b>B Race - 2023 Athletissima (Lausanne, SUI)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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)**

<b>FINAL - 1986 IAAF World Junior Championships (Athens, GRE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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	1 / 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	11.11	10.53	12.20	10.87	9.78	9.78	7.44	11.49	11.24	

**Khalid, Mahamat Zakaria (QAT) (2002)**

<b>FINAL - 2021 Doha Diamond League (Doha, QAT)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	28-May-21	time	3.1		5.0	6.9	8.8		10.59	10.59	10.59	2 / 6			
reaction time	0.142	interval			1.90	1.90	1.90		1.79	1.79	1.79		# of strides		
wind	0.9 m/s	velocity	6.45		10.53	10.53	10.53		11.17	11.17	11.17	9.44	48.0		

**Kharlamov, Vasily (RUS) (1986)**

<b>Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	19-Aug-09	time	3.14		5.13	7.12	9.12	11.22	11.22	11.22	11.22	7 / 3			
reaction time	0.184	interval			1.99	1.99	2.00	2.10	2.10	2.10	2.10	<b>PB</b>	# of strides		
wind	0.3 m/s	velocity	6.37		10.05	10.05	10.00	10.00	9.52	9.52	9.52	8.91	48.0		

**Kiki, Didier (BEN) (1995)**

<b>Prelim 2 - 2024 Olympic Games (Paris, FRA)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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)**

<b>B FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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)**

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, Trelle (USA) (1985)**

<b>Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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 / 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)**

<b>Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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)**

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)**

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

*Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter***Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN)**

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	<b>PB</b>	# 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

*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season***FINAL - 2008 Japanese National Championship (Kawasaki, JPN)**

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

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)**

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

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***Heat 2 - 2008 Mikio Oda Memorial (Hiroshima, JPN)**

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

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

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

*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints***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)**

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

*Omega Timing (2024) - diamond league race analysis***FINAL - 2022 Weltklasse (Zürich, SUI)**

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	

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

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	

*Omega Timing (2022) - diamond league race analysis***FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)**

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	

*Omega Timing (2022) - diamond league race analysis***FINAL - 2022 FBK Games (Hengelo, NED)**

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	

*Omega Timing (2022) - continental tour race analysis***FINAL - 2022 Prefontaine Classic (Eugene, OR)**

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	

*Omega Timing (2022) - diamond league race analysis***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)**

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

*(2014) - www.ssg.se/windsprint/Splittider/***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)**

date	23-Jun-01	time		3.05	4.06	5.01		6.91		8.81		10.80	10.80	/ 8
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*Graubner (2007) - http://www.fgs.uni-halle.de*



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	
<b>FINAL</b> - 2017 Shimane High School Championships (Izumo, JPN)																
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	
<b>FINAL</b> - 2010 German National Junior Championships (Ulm, GER)																
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	<b>PB</b>	# 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		
<b>FINAL</b> - 2024 Xiamen Diamond League (Xiamen, CHN)																	
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				
reaction time		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

<b>FINAL</b> - 2020 Japanese National Championships (Niigata, JPN)																	
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		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

<b>FINAL</b> - 2020 Athlete Night Games (Fukui, JPN)																	
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

<b>FINAL</b> - 2019 Seiko Golden Grand Prix (Osaka, JPN)																	
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		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

<b>FINAL</b> - 2018 Japanese Corporate Championships (Osaka, JPN)																	
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		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

<b>FINAL</b> - 2018 Japanese National Championships (Yamaguchi, JPN)																	
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		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

<b>FINAL</b> - 2018 Seiko Golden Grand Prix (Osaka, JPN)																	
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		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

<b>FINAL</b> - 2017 Japanese Inter-Collegiate Championships (Fukui, JPN)																	
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		interval		1.07	0.95	0.90	0.87	0.86	0.86	0.86	0.87	0.89	<b>NR</b>	# 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

<b>FINAL</b> - 2017 Mikio Oda Memorial (Hiroshima, JPN)																	
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>B FINAL</b> - 2017 SummerOfAths Grand Prix (Canberra, AUS)																
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		

<b>FINAL</b> - 2016 Japanese National Championships (Nagoya, JPN)																	
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		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

<b>Semi-Final 2</b> - 2016 Japanese National Championships (Nagoya, JPN)																

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
<b>FINAL - 2016 Fuse Sprint (Tottori, JPN)</b>														<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>			
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
<b>Heat 1 - 2016 Fuse Sprint (Tottori, JPN)</b>														<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>			
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
<b>FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)</b>														<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>			
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
<b>FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>			
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
<b>Heat 1 - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>			
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
<b>FINAL - 2015 Texas Relays (Austin, TX)</b>														<i>tldata-store.com/2017/03/29/post-73/</i>			
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
<b>FINAL - 2014 Japanese National Championships (Fukushima, JPN)</b>														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>			
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
<b>Semi-Final 1 - 2014 Japanese National Championships (Fukushima, JPN)</b>														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>			
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
<b>Heat 4 - 2014 Japanese National Championships (Fukushima, JPN)</b>														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>			
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
<b>FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)</b>														<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>			
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
<b>Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>			
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
<b>Race B - 2014 Izumo Athletics Games (Izumo, JPN)</b>														<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>			
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
<b>Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN)</b>														<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>			
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
<b>FINAL - 2013 Japanese National High School Championships (Oita, JPN)</b>														<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>			
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
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**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	<b>PB</b>	# 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	11.36	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							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								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								10.74	10.74	3 / 3			
reaction time		interval											2.83	1.87	# 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								11.10	11.10	2 / 3			
reaction time		interval											2.94	1.96	# 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								10.29	10.29	1 / 5			
reaction time		interval											2.67	1.79	# 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								10.77	10.77	2 / 4		
reaction time	0.150	interval											2.00	1.90	# 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									11.67	11.67	5 / 6	
reaction time	0.174	interval											2.15	2.06	# 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								10.41	10.41	5 / 1				
reaction time		interval											1.82	0.89	# 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								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)**

date	31-Jul-16	time	4.02	6.75	10.46	10.46	(2016) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>											
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)**

date	26-Jul-15	time	4.00	6.78	8.63	10.52	10.52	(2015) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>										
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)**

date	20-Jul-14	time	3.97	6.71	8.55	10.42	10.42	(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>										
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)**

date	28-Jul-13	time	3.99	6.69	8.50	10.35	10.35	(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>										
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)**

date	28-Jul-13	time	4.00	6.75	8.58	10.47	10.47	(2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>										
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)**

date	02-Mar-13	time	2.98	4.89	6.73			Blomkvist (2013) - <a href="http://www.elitlandslag.se/SprintHäck/KortSprint.aspx">www.elitlandslag.se/SprintHäck/KortSprint.aspx</a>										
reaction time	0.143	interval		1.91	1.84			# of strides										
		velocity	6.71	10.47	10.87				27.2									

**FINAL - 2011 Windsprint (Sundsvall, SWE)**

date	31-Jul-11	time	4.02	6.79	8.60	10.47	10.47	(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>										
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)**

date	24-Jul-07	time	4.19	7.02	8.95	10.94	10.94	(2007) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>										
reaction time		interval		2.83	1.93	1.99	<b>PB</b>	# 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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b>																	
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>																	
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>																	
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

**Race C - 2014 Izumo Athletics Games (Izumo, JPN)**

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)**

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

**FINAL - 2007 Japanese National High School Championships (Saga, JPN)**

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Kochan, Marc (GER) (1978)</b>																
<b>Heat 5 - 2002 European Championships (Munich, GER)</b>												<i>Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a></i>				
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	
<b>Koffi, Wilfried (CIV) (1987)</b>																
<b>FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)</b>												<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>				
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
<b>Koike, Yuki (JPN) (1995)</b>																
<b>FINAL - 2020 Japanese National Championships (Niigata, JPN)</b>												<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>				
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
<b>FINAL - 2020 Athlete Night Games (Fukui, JPN)</b>												<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>				
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
<b>FINAL - 2020 Millrose Games (New York, NY)</b>												<i>PrimeTime Timing (2020) - <a href="http://results.nyrrmillrosegames.org/">http://results.nyrrmillrosegames.org/</a></i>				
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
<b>FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)</b>												<i>PrimeTime Timing (2020) - <a href="https://results.nbindoorgrandprix.com/">https://results.nbindoorgrandprix.com/</a></i>				
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				<b>PB</b>	# 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	
<b>Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)</b>												<i>Omega Timing (2019) - diamond league race analysis</i>				
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			
<b>FINAL - 2019 Müller Anniversary Games (London, GBR)</b>												<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>				
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	<b>PB</b>	# 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
<b>FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)</b>												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>				
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	<b>PB</b>	# 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
<b>FINAL - 2018 Fuse Sprint (Tottori, JPN)</b>												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>				
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
<b>A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)</b>												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>				
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>B FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>				
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
<b>Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>				
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
<b>FINAL - 2013 Japanese National High School Championships (Oita, JPN)</b>												<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>				
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	10.75	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		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

**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) - geschwindigkeitsdynamik von sprintern 100m-lauf bei 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

**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		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		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				

**Kolarčík, 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		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		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 Championships (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		interval		1.13	1.02	0.97	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

**Končický, 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		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
<b>Koniczny, Christian (GER) (1972)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 4 - 1993 German National Championships (Duisburg, GER)</b>													<i>Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?</i>				
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	<b>PB</b>	# 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			
<b>Kononyuk, Sergey (RUS) (1970)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL 2 - 2001 European Cup (Bremen, GER)</b>													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
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			
<b>Korínek, Petr (CZE) (1996)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>													<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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						
<b>Kornelyuk, Aleksandr (URS) (1950)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1972 Olympic Games (Munich, FRG)</b>													<i>Breizer (1984) - sprint competition analysis</i>				
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			
<b>Kosenkow, Alexander (GER) (1977)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL - 2009 ISTAF (Berlin, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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			
<b>Heat 3 - 2002 European Championships (Munich, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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			
<b>FINAL - 2001 ISTAF (Berlin, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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>B FINAL 1 - 2001 European Cup (Bremen, GER)</b>													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
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			
<b>Kotani, Yusuke (JPN) (1989)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 4 - 2015 Japanese National Championships (Niigata, JPN)</b>													<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>				
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
<b>Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)</b>													<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>				
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	<b>PB</b>	# 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
<b>Kovács, Attila (HUN) (1960)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b>													<i>Federle (2003) - http://www.fgs.uni-halle.de</i>				
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			
<b>Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)</b>													<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
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 / <del>5</del> 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
<b>FINAL - 1987 IAAF World Championships (Rome, ITA)</b>													<i>Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters</i>				

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 / <del>5</del> 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
<b>Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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
<b>Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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
<b>Heat 6 - 1987 IAAF World Championships (Rome, ITA)</b>			<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>														
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
<b>Krabbe, Martin (DEN) (1985)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>C FINAL - 2011 Windsprint (Sundsvall, SWE)</b>			<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>														
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	
<b>Krantz, Frédéric (FRA) (1978)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2001 European Cup (Bremen, GER)</b>			<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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		
<b>Krauchanka, Andrei (BLR) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)</b>			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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				
<b>Kristoffersson, Fredrik (SWE) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b>			<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
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	
<b>Krsek, Ivo (CZE) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>			<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>														
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	
<b>Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>			<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>														
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	
<b>Krumm, Elmo (EST) (1985)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2006 Estonian National Championships (Tallinn, EST)</b>			<i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>														
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	
<b>Krzywański, Marcin (POL) (1975)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2001 European Cup (Bremen, GER)</b>			<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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	
<b>Kübeck, Detlef (GDR) (1956)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)</b>			<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazzyklus 73/76</i>														
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	



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Kuboi, So (JPN) (2003)</b>																	
<b>FINAL</b> - 2021 Japanese High School National Championships (Fukui, JPN)											<i>Shibayama (2021) - national high school and U20 national championships</i>						
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
<b>Kuć, Dariusz (POL) (1986)</b>																	
<b>Quarter-Final 5</b> - 2009 IAAF World Championships (Berlin, GER)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>						
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		
<b>Heat 6</b> - 2009 IAAF World Championships (Berlin, GER)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>						
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>B FINAL</b> - 2009 ISTAF (Berlin, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
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		
<b>Kuki, Takumi (JPN) (1992)</b>																	
<b>FINAL</b> - 2017 Fuse Sprint (Fuse, JPN)											<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>						
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
<b>Heat 3</b> - 2014 Mikio Oda Memorial (Hiroshima, JPN)											<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>						
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
<b>Heat 3</b> - 2012 Japanese National Championships (Osaka, JPN)											<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>						
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
<b>FINAL</b> - 2010 Japanese National High School Championships (Okinawa, JPN)											<i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>						
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
<b>FINAL</b> - 2009 Japanese National High School Championships (Nara, JPN)											<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>						
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
<b>Semi-Final ??</b> - 2009 Japanese National High School Championships (Nara, JPN)											<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>						
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
<b>Heat ??</b> - 2009 Japanese National High School Championships (Nara, JPN)											<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>						
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
<b>Kuklík, Jan (CZE) (1996)</b>																	
<b>Heat 2</b> - 2014 Czech Republic National U20 Championships (Trinec, CZE)											<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>						
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					
<b>Kuhn, Patrick (GER) (1992)</b>																	
<b>FINAL</b> - 2010 German National Junior Championships (Ulm, GER)											<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>						
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		
<b>Semi-Final 1</b> - 2010 German National Junior Championships (Ulm, GER)											<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>						
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

<b>Kuptik, Ondrej (CZE) (1991)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b>	<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>														
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							

<b>Kuroki, Kaisho (JPN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)</b>	<i>Takashima (2023) - national high school sports festival - biomechanics data</i>															
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

<b>Kuroki, Kaito (JPN) (2005)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2022 Japanese National High School Championships (Naruto, JPN)</b>	<i>Kishima (2022) - national high school championships biomechanics data collection</i>																
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

<b>Kuroki, Motoki (JPN) (1999)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2017 Japanese High School Championships (Yamagata, JPN)</b>	<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>														
date	30-Jul-17	time		4.01	6.90	8.83	10.88	10.88	10.90	10.90	10.90	3 / 8			
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				

<b>FINAL - 2016 Japanese High School Championships (Okayama, JPN)</b>	<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>														
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		

<b>Kurrat, Klaus-Dieter (GDR) (1955)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1976 Olympic Games (Montreal, CAN)</b>	<i>Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run</i>														
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				

<b>FINAL - 1976 East German National Indoor Championships (East Berlin, GDR)</b>	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen</i>														
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					

<b>Kusano, Seiya (JPN) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)</b>	<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>																
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

<b>Kuta, Radim (CZE) (1990)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)</b>	<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>														
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							

<b>Kuwano, Takumi (JPN) (2001)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)</b>	<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>																
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	<b>PB</b>	# 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

<b>Lamač, Martin (CZE) (1997)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>	<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>														
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							

<b>Lang, Jesper (SWE) (1992)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>D FINAL - 2011 Windsprint (Sundsvall, SWE)</b>	<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>														
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					



	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Langjord, Marcus (NOR) (1996)</b>																	
<b>C FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																	
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			
<b>Larsen, Tormod Hjortnäs (NOR) (1986)</b>																	
<b>D FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																	
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						
<b>Larsson, Åke (SWE) (1957)</b>																	
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																	
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			
<b>Larsson, Henrik (SWE) (1999)</b>																	
<b>Heat 5 - 2024 Olympic Games (Paris, FRA)</b>																	
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
<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>																	
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
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>																	
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
<b>FINAL - 2022 Bauhaus Galan (Stockholm, SWE)</b>																	
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			
<b>FINAL - 2021 Bauhaus Galan (Stockholm, SWE)</b>																	
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			
<b>Larsson, Niklas (SWE) (1985)</b>																	
<b>C FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																	
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			
<b>Lawson, Chris (USA) (1983)</b>																	
<b>FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																	
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			
<b>Laynes, Jeff (USA) (1970)</b>																	
<b>Heat 1 - 2008 USA Olympic Trials (Eugene, OR)</b>																	
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	
<b>Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)</b>																	
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 / 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
<b>Leal, Dennis (SWE) (1994)</b>																	
<b>A FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																	
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									
<b>Leandersson, Thomas (SWE) (1966)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 1994 (Tønsberg, NOR)</b>											<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>								
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					
<b>Leathart, Tim (AUS) (1989)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)</b>											<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>								
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		
<b>Lecjaks, Martin (CZE) (1990)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>											<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>								
date	15-Jun-13	time	3.20			5.25		7.22		9.23		11.34	11.34	8 / 7					
reaction time		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						
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>											<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>								
date	25-Feb-12	time	2.03	3.20	4.23	5.22	6.21	7.22				7.22	8 / 7						
reaction time		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				
<b>Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>											<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>								
date	25-Feb-12	time	2.00	3.17	4.20	5.21	6.19	7.18				7.18	2 / 5						
reaction time		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				
<b>Lecomte, Tiago (BEL) (2007)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)</b>											<i>Omega Timing (2023) - diamond league race analysis</i>								
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		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		
<b>Lecoute, Laurent (FRA) (1968)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 2 - 1996 International French Championships (Bercy, FRA)</b>											<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>								
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				
<b>Ledvina, Jakub (CZE) (1995)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>											<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>								
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		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		
<b>Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>											<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>								
date	28-Jun-14	time		3.20		5.28		7.30		9.33		11.46	11.46	7 / 2					
reaction time		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						
<b>Lee Yong-Mun (KOR) (1999)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>											<i>Shandong Athletics Sport Science (2024)</i>								
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		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		
<b>Semi-Final 3 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>											<i>Shandong Athletics Sport Science (2024)</i>								
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		interval		1.04	0.95	0.92	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		
<b>Lemaitre, Christophe (FRA) (1990)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)</b>											<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>								
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		
<b>FINAL - 2011 IAAF World Championships (Daegu, KOR)</b>											<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>								
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	<b>AUR / NR</b>	# 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)****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/](http://www.windsprint/Splittider/)*

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	<b>PB</b>	# 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/](http://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)****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	4.00	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)****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	1.88	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	<b>PB</b>	# of strides	3.96	2.83
wind		velocity	5.32	9.09	10.20	10.64	10.64	10.53	8.84	7.58	10.60

**Livorato, Luca (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	1.84	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)****10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2000 ISTAF (Berlin, GER)***Graubner (2009) - <http://www.fgs.uni-halle.de>*

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)****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	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	<b>WR</b>	# 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 / <del>2</del> 1		
reaction time	0.136	interval	1.07	0.94	0.89	0.86	0.83	0.85	0.85	0.86	0.88	<b>WR</b>	# 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
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**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 anaerobic 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

**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

**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

**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

**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	1 / 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 / 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

**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

**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						<b>PB</b>	# 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>B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>																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						<b>PB</b>	# 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	
<b>Li Wenhao (CHN) (2004)</b>																		
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>																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	
<b>Li Wenjie (CHN) (1998)</b>																		
<b>Heat 4 - 2023 Chinese National Championships (Quzhou, CHN)</b>																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	
<b>Semi-Final 1 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																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	
<b>Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																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	
<b>Heat 8 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																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	
<b>A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>																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					<b>PB</b>	# 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		
<b>Li Yanjing (CHN) (2000)</b>																		
<b>Heat 6 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																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	
<b>A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>																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		
<b>Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>																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		
<b>Li Zeyang (CHN) (2000)</b>																		
<b>FINAL - 2024 Chinese National Championships (Quzhou, CHN)</b>																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	<b>PB</b>	# 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	
<b>Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)</b>																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	<b>=PB</b>	# 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	
<b>Heat 3 - 2024 Chinese National Championships (Quzhou, CHN)</b>																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)**

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	Shandong Athletics Sport Science (2024)
reaction time	0.160	interval		1.08	0.96	0.91	0.91	0.90	0.88	0.88	0.90	0.93		9 / 5
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	# of strides 4.04 2.72 2.66
														46.0 7.43 11.03 11.28

**Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)**

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	Shandong Athletics Sport Science (2024)
reaction time	0.167	interval		1.09	0.99	0.93	0.92	0.91	0.91	0.90	0.93	0.93		3 / 5
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	# of strides 4.06 2.76 2.74
														46.2 7.39 10.87 10.95

**FINAL - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)**

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	Shandong Athletics Sport Science (2024)
reaction time	0.178	interval		1.03	0.95	0.91	0.90	0.90	0.88	0.88	0.88	0.95	<b>PB</b>	7 / 2
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	# of strides 3.98 2.71 2.64
														45.7 7.54 11.07 11.36

**Semi-Final 1 - 2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)**

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	Shandong Athletics Sport Science (2024)
reaction time	0.158	interval		1.06	0.97	0.92	0.90	0.91	0.89	0.90	0.91	0.91	<b>PB</b>	5 / 2
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	# of strides 4.01 2.73 2.70
														46.2 7.48 10.99 11.11

**Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)**

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	Shandong Athletics Sport Science (2023)
reaction time	0.230	interval		1.10	0.96	0.92	0.93	0.90	0.91	0.93	0.93	0.98		3 / 4
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	# of strides 4.09 2.75 2.77
														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
<b>Heat 9 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																	
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	Shandong Athletics Sport Science (2024)	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)**

date	12-Mar-24	time	2.04	3.15	4.18	5.14	6.11	7.10					7.10	Shandong Athletics Sport Science (2024)	5 / 5		
reaction time	0.208	interval		1.11	1.03	0.96	0.97	0.99					<b>=PB</b>	# 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
<b>FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)</b>																	
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	Jiang (2019) - data analysis of men's sprint finals in the world championships trials	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)**

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	Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games	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
<b>Heat 1 - 2016 Windsprint (Sundsvall, SWE)</b>																	
date	31-Jul-16	time			4.18			7.02				10.90	10.90	(2016) - www.windsprint/Splittider/	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)**

date	20-Jul-14	time			4.12			6.92		8.78		10.68	10.68	(2014) - www.ssg.se/windsprint/Splittider/	6 / 3		
reaction time		interval						2.80		1.86		1.90	<b>PB</b>	# 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)**

date	28-Jul-13	time			4.18			7.03		8.92		10.88	10.88	(2013) - www.ssg.se/windsprint/Splittider/	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)**

date	17-Jun-12	time			4.26			7.22		9.18		11.23	11.23	(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx	1 / 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)**

date	31-Jul-11	time			4.28			7.26		9.26		11.31	11.31	(2011) - www.ssg.se/en/Windsprint/Split-times/	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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Lin Qibang (CHN) (1997)</b>																	
<b>Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
reaction time	0.198	interval		1.09	0.97		1.83	0.92	0.88	0.89	0.91	0.94	<b>PB</b>	# 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
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
reaction time	0.159	interval		1.08	0.98		1.82	0.88	0.89	0.89	0.91	0.91	<b>PB</b>	# 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
<b>Lin Yuchen (CHN) (1999)</b>																	
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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
<b>Lind, Mait (EST) (1975)</b>																	
<b>FINAL - 2006 Estonian National Championships (Tallinn, EST)</b>																	
date	21-Jul-06	time		4.09				7.20		9.17		11.21	11.21	Lane / Place	0-30m	30-60m	60-90m
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	
<b>Lindberg, Erik (SWE) (1987)</b>																	
<b>C FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																	
date	25-Jul-09	time		4.13				7.05		9.01		11.06	11.06	Lane / Place	0-30m	30-60m	60-90m
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	
<b>Lindsey, Courtney (USA) (1998)</b>																	
<b>FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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
<b>Ling Chun (CHN) (2001)</b>																	
<b>Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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
<b>Liu Chang (CHN) (2003)</b>																	
<b>FINAL - 2024 Chinese National Championships (Quzhou, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
reaction time	0.194	interval		1.06	0.96	0.91	0.87	0.89	0.89	0.89	0.92	0.90	<b>PB</b>	# 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
<b>Semi-Final 3 - 2024 Chinese National Championships (Quzhou, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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
<b>Liu Junchen (CHN) (2000)</b>																	
<b>Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>																	
date	16-Mar-23	time	2.04	3.10	4.08	5.01	5.92	6.88					6.88	Lane / Place	0-30m	30-60m	60-90m
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
<b>Liu Qingjie (CHN) (2002)</b>																	
<b>Heat 1 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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
<b>Liu Shuoyuan (CHN) (2002)</b>																	
<b>FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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	Lane / Place	0-30m	30-60m	60-90m
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

<b>Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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	<b>PB</b>	# 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
<b>Liu Suyi (CHN) (1998)</b>																	
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 5 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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					<b>PB</b>	# 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	
<b>Liu Yuchen (CHN) (1999)</b>																	
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Liu Zengsheng (CHN) (2003)</b>																	
<b>Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Liu Zixu (CHN)</b>																	
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>			
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
<b>Lohmann, Jonas (GER) (1993)</b>																	
<b>FINAL - 2010 German National Youth Championships (Ulm, GER)</b>														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-10	time		3.22	4.24	5.20		7.07		9.08		11.12	11.12	1 / 5			
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	
<b>Semi-Final 2 - 2010 German National Youth Championships (Ulm, GER)</b>														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-10	time		3.10	4.12	5.09		7.00		8.96		10.97	10.97	1 / 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	
<b>Longa, Ronal (COL) (2004)</b>																	
<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			



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	
<b>Louis, Marc Brian (SGP) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Prelim 1 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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	
<b>Loutzky, Stéphane (FRA) (1971)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 1 - 1996 International French Championships (Bercy, FRA)</b>														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>				
date	10-Feb-96	time	1.94	3.03	4.02	4.96	5.91	6.85					6.85	7 / 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		
<b>Lu Weiyi (CHN) (2000)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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		
<b>Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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		
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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	<b>PB</b>	# 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	
<b>Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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	
<b>FINAL - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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	<b>PB</b>	# 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	
<b>Heat 2 - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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	
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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		
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
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	<b>PB</b>	# 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)**

<i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
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)**

<i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
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)**

<i>Omega Timing (2023) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2023) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2022) - diamond league race analysis</i>															
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>															
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>															
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
<b>C FINAL - 2015 Windsprint (Sundsvall, SWE)</b>															
<i>(2015) - www.windsprint/Splittider/</i>															
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)**

<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
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	<b>PB</b>	# 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)**

<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
date	17-Jun-12	time		4.18		6.98		8.82		10.70	10.70	1 / 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)**

<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>															
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		
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
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)**

<i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
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



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Macháček, Martin (CZE) (1990)</b>																	
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b> <i>Fehér (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>																	
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					
<b>Machmour, Chakir (MAR) (1994)</b>																	
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b> <i>Omega Timing (2023) - diamond league race analysis</i>																	
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
<b>Madonia, Ezio (ITA) (1966)</b>																	
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b> <i>Federle (2003) - http://www.fgs.uni-halle.de</i>																	
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		
<b>Maestra, Cecilio (ESP) (1980)</b>																	
<b>B FINAL 1 - 2001 European Cup (Bremen, GER)</b> <i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
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		
<b>Magakwe, Simon (RSA) (1985)</b>																	
<b>A FINAL - 2013 Windsprint (Sundsvall, SWE)</b> <i>(2013) - www.ssg.se/windsprint/Splittider/</i>																	
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	
<b>Heat 8 - 2013 Windsprint (Sundsvall, SWE)</b> <i>(2013) - www.ssg.se/windsprint/Splittider/</i>																	
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		
<b>Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)</b> <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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		
<b>Heat 10 - 2009 IAAF World Championships (Berlin, GER)</b> <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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		
<b>Mahorn, Atlee (CAN) (1965)</b>																	
<b>Semi-Final 1 - 1993 IAAF World Championships (Stuttgart, GER)</b> <i>Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?</i>																	
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	
<b>Maibuca, Karalo Hepoiteloto (TUV) (199)</b>																	
<b>Prelim 1 - 2024 Olympic Games (Paris, FRA)</b> <i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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	<b>NR PB</b>	# 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
<b>Makihara, Kazushi (JPN)</b>																	
<b>FINAL - 2020 Shimane High School Championships (Izumo, JPN)</b> <i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>																	
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
<b>Malone, Noah (USA) (T12)</b>																	
<b>Para FINAL - 2023 Prefontaine Classic (Eugene, OR)</b> <i>Omega Timing (2023) - diamond league race analysis</i>																	
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
<b>Mancini, Pascal (SUI) (1989)</b>																	
<b>B Race - 2023 Athletissima (Lausanne, SUI)</b> <i>Omega Timing (2023) - diamond league race analysis</i>																	

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	
<b>Marsh, Michael (USA) (1967)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b>														<i>USATF Women's Sprint Development (1996)</i>				
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			
<b>Mårtensson, Erik (SWE) (1994)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>E FINAL - 2012 Windsprint (Sundsvall, SWE)</b>														<i>(2012) - www.ELITLANDSLAG.SE/SprintHäck/KortSprint.aspx</i>				
date	17-Jun-12	time		4.40		7.52		9.64			11.79	11.79	11.79	7 / 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		
<b>Mårtensson, Jonas (SWE) (1988)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL - 2007 Windsprint (Sundsvall, SWE)</b>														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time		4.11		7.03		8.99			11.06	11.06	11.06	4 / 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		
<b>Mårtensson, Oskar (SWE) (1997)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>G FINAL - 2014 Windsprint (Sundsvall, SWE)</b>														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time		4.56		7.81		9.98			12.21	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		
<b>Mårtensson, Torbjörn (SWE) (1972)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 1994 (Tønsberg, NOR)</b>														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	20-Jul-94	time		4.09		6.87		8.70			10.61	10.61	10.61	3 / 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		
<b>Marthinussen, Christian (NOR) (1983)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>B FINAL - 2015 Windsprint (Sundsvall, SWE)</b>														<i>(2015) - www.windsprint/Splittider/</i>				
date	26-Jul-15	time		4.11		6.91		8.79			10.75	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		
<b>Martin, Rodney (USA) (1982)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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
<b>Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	
<b>Martina, Churandy (NED) (1984)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2022 FBK Games (Hengelo, NED)</b>														<i>Omega Timing (2022) - continental tour race analysis</i>				
date	06-Jun-22	time		3.1		5.0		6.9		8.7	10.61	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			
<b>Martina, Churandy (AHO) (1984)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
<b>Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>(2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	15-Aug-09	time		3.10	4.06	4.97		6.74		8.44	10.19	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)**

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		

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***FINAL - 2008 Olympic Games (Beijing, CHN)**

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	<b>NR PB</b>	# 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		

*Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21***FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)**

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	

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

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
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	

*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data***Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN)**

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
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	

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

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
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	

*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics***Martineau, Eugène (NED) (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)**

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					

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Maruyama, Yuma (JPN) (1998)****10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Decathlon - Heat 2 - 2023 World Athletics Championships (Budapest, HUN)**

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
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	

*Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season***Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championships (Akita, JPN)**

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
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	

*Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season***Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)**

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
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	

*Takefu (2023) - performance analysis of decathlon athletes in the 2022 season***Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)**

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
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	

*Matsubayashi (2019) - research athlete performance technique- 2019 databook***Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)**

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	<b>PB</b>	# of strides
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	

*Matsubayashi (2018) - research on athlete performance and technique***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)**

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	<b>PB</b>	# of strides
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	

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

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					

*Feher (2013) - Final report from the men's & women's Czech Republic national championships*

**FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	1.91	3.03	4.00	4.93	5.85	6.77											
reaction time	0.145	interval		1.12	0.97	0.93	0.92	0.92											
		velocity	5.24	8.93	10.31	10.75	10.87	10.87											

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

	6.77	5 / 2																	
		# of strides	4.00	2.77															
	8.86		7.50	10.83															

**Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	1.93	3.03	4.05	4.97	5.89	6.82											
reaction time	0.143	interval		1.10	1.02	0.92	0.92	0.93											
		velocity	5.18	9.09	9.80	10.87	10.87	10.75											

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

	6.82	4 / 1																	
		# of strides	4.05	2.77															
	8.80		7.41	10.83															

**Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	1.95	3.09	4.05	4.98	5.91	6.84											
reaction time	0.162	interval		1.14	0.96	0.93	0.93	0.93											
		velocity	5.13	8.77	10.42	10.75	10.75	10.75											

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

	6.84	5 / 1																	
		# of strides	4.05	2.79															
	8.77		7.41	10.75															

**Masuda, Kengo (JPN) (1997)****FINAL - 2015 Japanese High School Championships (Wakayama, JPN)**

date	30-Jul-15	time		4.02	4.97	5.97													
reaction time		interval			0.95	1.00													
wind	-0.8 m/s	velocity		7.46	10.53	10.00													

*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*

	10.73	10.73																	
		# of strides	4.02	2.87	2.86														
	9.32		7.46	10.45	10.49														

**Maswanganyi, Shaun (RSA) (2001)****Semi-Final 1 - 2024 Olympic Games (Paris, FRA)**

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							
reaction time	0.150	interval		1.04	0.94	0.89	0.88	0.86	0.88	0.87	0.88	0.88							
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							

*Paris 2024 Olympic Games - Results Book (2024)*

	10.02	9 / 5																	
		# of strides	3.88	2.63	2.63														
	9.98		42.7	7.73	11.41	11.41													

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

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							
reaction time	0.142	interval		1.05	0.94	0.88	0.87	0.86	0.89	0.89	0.89	0.90							
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							

*Paris 2024 Olympic Games - Results Book (2024)*

	10.06	4 / 3																	
		# of strides	3.88	2.61	2.67														
	9.94		42.2	7.73	11.49	11.24													

**Masztak, Kamil (POL) (1984)****FINAL - 2007 Windsprint (Sundsvall, SWE)**

date	24-Jul-07	time		4.01			6.79			8.63		10.54							
reaction time		interval					2.78			1.84		1.91							
wind	1.4 m/s	velocity		7.48			10.79			10.87		10.47							

*(2007) - www.ssg.se/en/Windsprint/Split-times/*

	10.54	10.54																	
		# of strides	4.01	2.78															
	9.49		7.48	10.79															

**Matadi, Emmanuel (LBR) (1991)****Semi-Final 2 - 2024 Olympic Games (Paris, FRA)**

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							
reaction time	0.143	interval		1.06	0.95	0.91	0.88	0.89	0.88	0.89	0.89	0.90							
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							

*Paris 2024 Olympic Games - Results Book (2024)*

	10.18	2 / 8																	
		# of strides	3.94	2.68	2.66														
	9.82		45.0	7.61	11.19	11.28													

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

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							
reaction time	0.157	interval		1.06	0.93	0.89	0.88	0.87	0.86	0.87	0.90	0.89							
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							

*Paris 2024 Olympic Games - Results Book (2024)*

	10.08	4 / 4																	
		# of strides	3.92	2.64	2.63														
	9.92		44.2	7.65	11.36	11.41													

**FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)**

date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.16							
reaction time	0.146	interval				1.90		1.70		1.80		1.76							
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		11.36							

*Omega Timing (2021) - diamond league race analysis*

	10.16	7 / 3																	
		# of strides																	
	9.84		46.2																

**Mathis, Jerry (USA)****FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)**

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							
reaction time		interval		1.18	1.02	0.97	0.93	0.90	0.92	0.93	0.94	0.95							
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							

*USATF Women's Sprint Development (2003)*

	10.78	9 / 7																	
		# of strides	4.24	2.80	2.79														
	9.28		7.08	10.71	10.75														

**Matsenjwa, Sibusiso (SWZ) (1988)****Heat 1 - 2024 Olympic Games (Paris, FRA)**

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							
reaction time	0.172	interval		1.10	0.96	0.92	0.89	0.89	0.90	0.89	0.92	0.88							
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							

*Paris 2024 Olympic Games - Results Book (2024)*

	10.39	7 / 8																	
		# of strides	4.10	2.70	2.71														
	9.62		46.0	7.32	11.11	11.07													



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Matsubara, Yahiro (JPN)</b>																	
<b>FINAL</b> - 2018 Japanese National High School Championships (Nagoya, JPN) <i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection</i>																	
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
<b>Matsunao, Tsubasa (JPN)</b>																	
<b>FINAL</b> - 2019 Shimane High School Championships (Izumo, JPN) <i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>																	
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	
<b>Matsuo, Ryuga (JPN) (1998)</b>																	
<b>FINAL</b> - 2019 National Sports Festival (Hitachinaka, JPN) <i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																	
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			
<b>Matsuo, Takamasa (JPN) (1998)</b>																	
<b>FINAL</b> - 2016 Japanese High School Championships (Okayama, JPN) <i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>																	
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	
<b>Mayhugh, Nicholas (USA) (1995) (T38)</b>																	
<b>Para FINAL</b> - 2023 Prefontaine Classic (Eugene, OR) <i>Omega Timing (2023) - diamond league race analysis</i>																	
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
<b>Mbandjock, Martial (FRA) (1985)</b>																	
<b>Semi-Final 1</b> - 2009 IAAF World Championships (Berlin, GER) <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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	
<b>Quarter-Final 1</b> - 2009 IAAF World Championships (Berlin, GER) <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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		
<b>Heat 3</b> - 2009 IAAF World Championships (Berlin, GER) <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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		
<b>FINAL</b> - 2009 ISTAF (Berlin, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
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		
<b>McCoy, Wanya (RAH) (2003)</b>																	
<b>Heat 6</b> - 2024 Olympic Games (Paris, FRA) <i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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
<b>McDaniel, Otis (USA) (1986)</b>																	
<b>FINAL</b> - 2005 USATF National Junior Championships (Carson, CA) <i>USATF Women's Sprint Development (2005)</i>																	
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
<b>McKenzie, Gordon (USA) (1987)</b>																	
<b>FINAL</b> - 2006 USATF National Junior Championships (Indianapolis, IN) <i>USATF Women's Sprint Development (2006)</i>																	
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	<b>PB</b>	# 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
<b>McRae, Lee (USA) (1966)</b>																	
<b>FINAL</b> - 1987 IAAF World Championships (Rome, ITA) <i>Ward-Smith (2000) - investigation of kinetics of anaerobic metabolism by analysis of the performance of elite sprinters</i>																	
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 / 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
<b>Semi-Final 1</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
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	
<b>Quarter-Final 3</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
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	
<b>Heat 2</b> - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
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		
<b>Meerits, Teet (EST) (1989)</b> <i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>																	
<b>FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Meité, Ben Youssef (CIV) (1986)</b> <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
<b>Heat 4</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Meité, Ibrahim (CIV) (1976)</b> <i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>																	
<b>FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>					<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Heat 2</b> - 1996 International French Championships (Bercy, FRA) <i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>																	
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		
<b>Ménal, Alex (FRA) (1972)</b> <i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
<b>B FINAL 1</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Menchini, Marco (ITA) (1968)</b> <i>Locatelli (2000) - the mechanics and energetics of the 100m sprint</i>																	
<b>FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Meng Dsheng (CHN) (2006)</b> <i>Shandong Athletics Sport Science (2022)</i>																	
<b>U18 FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		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		48.7	7.14	10.49	10.45
<b>Meshoe, Tshegofatso (RSA) (1987)</b> <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
<b>C FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Mesipuu, Mairo (EST) (1985)</b> <i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>																	
<b>FINAL</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
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		
<b>Metu, Obinna (NGR) (1988)</b>																	
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	



**Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)**

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		

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Heat 3 - 2009 IAAF World Championships (Berlin, GER)**

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		

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Meyerdierks, Eddy (SWE) (1995)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>D FINAL - 2015 Windsprint (Sundsvall, SWE)</b>															
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				

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships**(2015) - www.windsprint/Splittider/***Mezihorak, Jiri (TCH) (1965)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b>															
date	29-Jun-91	time	4.02			6.84		8.75		10.72	10.72	1 / 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	

*Federle (2003) - http://www.fgs.uni-halle.de***Mi Hong (CHN) (1993)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)</b>																	
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

*Jiang (2019) - data analysis of men's sprint finals in the world championships trials***FINAL - 2017 Chinese National Games (Tianjin, CHN)**

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

*Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games***Michel, Andreas (GER) (1992)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL - 2010 German National Junior Championships (Ulm, GER)</b>															
date	06-Aug-10	time	3.17	4.19	5.16	7.07		9.00		11.00	11.00	1 / 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	

*Graubner (2010) - http://www.fgs.uni-halle.de***Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	06-Aug-10	time	3.16	4.16	5.11	7.00		8.93		10.90	10.90	1 / 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	

*Graubner (2010) - http://www.fgs.uni-halle.de***Mihara, Rikuo (JPN)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 2022 Shimane High School Championships (Izumo, JPN)</b>																
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

*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis***Miller, Coby (USA) (1976)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>																	
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

*USATF Women's Sprint Development (2004)***Miller, Lennox (JAM) (1946)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL - 1972 Olympic Games (Munich, FRG)</b>															
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

*Breizer (1984) - sprint competition analysis***Milo, Lukáš (CZE) (1983)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)</b>															
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				

*Feher (2013) - Final report from the men's & women's Czech Republic national championships***Minamiyama, Yoshiki (JPN) (1998)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>															
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		

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

wind -0.1 m/s velocity 7.56 3.42 10.64 9.49 50.0 7.56

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Minarik, Pavel (CZE) (1998)</b>																	
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b> <i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																	
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					
<b>Mitchell, Curtis (USA) (1989)</b>																	
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b> <i>USATF Women's Sprint Development with HPC (2008)</i>																	
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
<b>Mitchell, Dennis (USA) (1966)</b>																	
<b>FINAL - 1996 Olympic Games (Atlanta, GA)</b> <i>Grosser (2007) - Schnelligkeitsairtraining</i>																	
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
<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b> <i>USATF Women's Sprint Development (1996)</i>																	
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		
<b>FINAL - 1993 IAAF World Championships (Stuttgart, GER)</b> <i>Stein (1993) - verbesserung der schnelligkeit</i>																	
date	15-Aug-93	time			3.83		6.46		8.22		9.99	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	10.01	46.2	7.83	11.41	
<b>FINAL - 1992 Olympic Games (Barcelona, ESP)</b> <i>Arnold (1992) - 1992 Olympic report: 100m men</i>																	
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			
<b>FINAL - 1991 IAAF World Championships (Tokyo, JPN)</b> <i>Ae (1992) - the men's 100m (1991 WC)</i>																	
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	<b>PB</b>	# 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
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b> <i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																	
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 / <del>5</del> 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
<b>Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)</b> <i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																	
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 / <del>3</del> 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
<b>Mitchell-Blake, Nethaneel (GBR) (1994)</b>																	
<b>FINAL - 2022 Commonwealth Games (Birmingham, GBR)</b> <i>Longines Timing (2022) - commonwealth games race analysis</i>																	
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			
<b>Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)</b> <i>Longines Timing (2022) - commonwealth games race analysis</i>																	
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			
<b>FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)</b> <i>Omega Timing (2022) - diamond league race analysis</i>																	
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			
<b>Mittler, Fabian (GER) (1993)</b>																	
<b>FINAL - 2010 German National Youth Championships (Ulm, GER)</b> <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-10	time		3.21		4.23		5.19				14.62	14.62	7 / 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>

date	07-Aug-10	time	3.18	4.20	5.17	7.11	9.04	11.05	11.05										
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)**

**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 championships

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						
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 championships

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						
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

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						
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)**

**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**  
**B 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	1.92	3.00	3.97	4.89	5.79	6.67	7.56	8.44	9.34	10.25	10.25						
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)**

**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**  
**Heat 4 - 2020 Japanese National Championships (Niigata, JPN)** Ohunma (2020) - men's 100m race analysis at major competitions in 2020

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						
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

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						
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						
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

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						
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

date	30-Jul-16	time		2.90	3.94	4.90	5.83	6.74	7.69	8.65		10.61	10.61						
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							
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 championships

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						
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 championships

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						
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	10.42	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							
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					
<b>FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)</b> <i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>																		
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	
<b>Miyauchi, Kosei (JPN) (1992)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)</b> <i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>																		
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
<b>Miyazaki, Hisashi (JPN) (1981)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>Semi-Final 1 - 2010 Japanese National Championships (Marugame, JPN)</b> <i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>																		
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	
<b>Semi-Final ??? - 2010 East Japan Corporate Championships (Kumagaya, JPN)</b> <i>Uragami (2010) - research on the scientific data utilization model and development process of 100m performance</i>																		
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		
<b>Miyazaki, Takashi (JPN) (1990)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)</b> <i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>																		
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	
<b>FINAL - 2007 Japanese National High School Championships (Saga, JPN)</b> <i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>																		
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	
<b>Mizukubo, Soshi (JPN) (1999)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>Heat 2 - 2020 Athlete Night Games (Fukui, JPN)</b> <i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>																		
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	
<b>Semi-Final 2 - 2019 Japanese National Championships (Fukuoka, JPN)</b> <i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>																		
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	<b>PB</b>	# 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	
<b>Moen, Geir (NOR) (1969)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>FINAL - 1997 European Cup (Munich, GER)</b> <i>Jung (2003) - http://www.fgs.uni-halle.de</i>																		
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		
<b>FINAL - 1994 (Tønsberg, NOR)</b> <i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																		
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	<b>PB</b>	# 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		
<b>Mogstad, Christian Settemkli (NOR) (1991)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>C FINAL - 2011 Windsprint (Sundsvall, SWE)</b> <i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																		
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		
<b>FINAL - 2009 Windsprint (Sundsvall, SWE)</b> <i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																		
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		
<b>Mohammed, Abdullah Abkar (KSA) (1991)</b> <b>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>																		
<b>FINAL - 2018 Asian Games (Jakarta, INA)</b> <i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>																		
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
<b>Money, Daniel (GBR) (1976)</b>				<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL 1 - 2001 European Cup (Bremen, GER)</b>																		
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																		
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	
<b>Montgomery, Tim (USA) (1975)</b>																		
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>																		
<i>USATF Women's Sprint Development (2004)</i>																		
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	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	<b>DV</b>		# 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	9.87	48.0	7.56	11.36	11.54
<b>FINAL - 2003 USATF National Championships (Palo Alto, CA)</b>																		
<i>USATF Women's Sprint Development (2003)</i>																		
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	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	<b>DV</b>		# 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	9.85		7.46	11.32	11.49
<b>FINAL - 2002 IAAF Grand Prix Final (Paris, FRA)</b>																		
<i>Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)</i>																		
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	9.78	/ 4			
reaction time	0.104	interval		1.03	0.91	0.87	0.84	0.83	0.84	0.84	0.85	0.88	<b>WR-DV</b>		# 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	10.22	49.0	7.83	11.81	11.86
<b>FINAL - 2001 IAAF World Championships (Edmonton, CAN)</b>																		
<i>Veney - split times from PJ</i>																		
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	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	<b>DV</b>		# 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	10.15	48.2	7.83	11.49	11.81
<b>FINAL - 2000 ISTAF (Berlin, GER)</b>																		
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
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	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	
<b>FINAL - 1999 IAAF World Championships (Sevilla, ESP)</b>																		
<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>																		
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	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	9.96		8.04	11.36	11.36
<b>FINAL - 1997 IAAF World Championships (Athens, GRE)</b>																		
<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>																		
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	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	10.06	47.9	8.13	11.54	11.49
<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b>																		
<i>USATF Women's Sprint Development (1996)</i>																		
date	15-Jun-96	time	1.93		3.91		5.66				9.20	10.12	10.12	10.12	1 / 7			
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	9.88		7.67		
<b>Moore, Carlos (USA) (1984)</b>																		
<b>Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)</b>																		
<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievin-m605.pdf</i>																		
date	10-Feb-09	time			3.99		5.84		6.77				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	8.86	30.7	7.52	10.79	
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
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	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	9.68		7.56	11.15	11.19
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>																		
<i>USATF Women's Sprint Development (2003)</i>																		
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	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	9.63		7.56	10.99	10.91
<b>Moravec, Aleš (CZE) (1998)</b>																		
<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>																		
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																		
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	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	8.73		7.06	10.00	9.62
<b>Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>																		
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																		





		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Motta, Oskar (SWE) (1998)</b>																	
<b>B FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Mouhamadou, Fall (FRA) (1992)</b>																	
<b>FINAL - 2023 Meeting de Paris (Paris, FRA)</b>																	
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
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b>																	
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
<b>Mouthon, Bastien (SUI) (1994)</b>																	
<b>FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)</b>																	
date	07-May-16	time				5.88					10.46	10.46	1 / 2				
reaction time		interval									4.58		# of strides				
wind	0.9 m/s	velocity				8.50					10.92	9.56					
<b>Movin, Andreas (SWE) (1996)</b>																	
<b>D FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Mudiyansele, Yupun Abeykoon (SRI)</b>																	
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>																	
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			
<b>FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)</b>																	
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			
<b>Muhammad, Amir (QAT) (2004)</b>																	
<b>FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)</b>																	
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	
<b>Mukiibi, Simon (SWE) (1990)</b>																	
<b>D FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																	
date	24-Jul-07	time		4.29			7.30		9.33		11.44	11.44	1 / 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		
<b>Mulamba, Dominique Lasconi (COD) (2)</b>																	
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>																	
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
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>																	
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
<b>Müller, Norman (GER) (1985)</b>																	
<b>Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)</b>																	
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				
<b>Muravyov, Vyacheslav (KAZ) (1982)</b>																	
<b>FINAL - 2008 Asian Indoor Championships (Doha, QAT)</b>																	

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		
<b>Murdock, Justin (USA) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>															<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	<b>PB</b>	# 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		
<b>Musil, Jan (CZE) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>															<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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						
<b>Muzrapov, Favoris (TJK) (1998)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Prelim 3 - 2024 Olympic Games (Paris, FRA)</b>															<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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		
<b>Myers, Brandon (USA) (1987)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b>															<i>USATF Women's Sprint Development (2006)</i>				
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	<b>PB</b>	# 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		
<b>Myles-Mills, John (GHA) (1966)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)</b>															<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
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		
<b>Nabe, Cédric (SUI) (1983)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 12 - 2009 IAAF World Championships (Berlin, GER)</b>															<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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			
<b>Naganuma, Kenji (JPN) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>															<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>				
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		
<b>Nagasawa, Shun (JPN) (1985)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)</b>															<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>				
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		
<b>Nagata, Shunto (JPN) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>															<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>				
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			
<b>Nagata, Takuya (JPN) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Semi-Final 1 - 2017 Japanese National Sports Festival (Matsuyama, JPN)</b>															<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>				
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	1 / 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	
<b>Nakamura, Akihiko (JPN) (1990)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championships (Akita, JPN)</b>															<i>Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season</i>				
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		
<b>Decathlon - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN)</b>															<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>				
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
<b>Decathlon - Heat 2 - 2022 Michitaka Kinami Memorial (Osaka, JPN)</b>													<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>			
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
<b>Decathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)</b>													<i>Matsubayashi (2020) - research on athlete performance and technique- 2020 data book</i>			
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
<b>Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)</b>													<i>Matsubayashi (2019) - research athlete performance technique- 2019 databook</i>			
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
<b>Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)</b>													<i>Matsubayashi (2018) - research on athlete performance and technique</i>			
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
<b>Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)</b>													<i>Matsubayashi (2018) - research on athlete performance and technique</i>			
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
<b>Decathlon - Heat 3 - 2016 Japanese National Multi-Event Championships (Nagano, JPN)</b>													<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>			
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
<b>Decathlon - Heat 1 - 2016 Wakayama Grand Prix (Wakayama, JPN)</b>													<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>			
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
<b>Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN)</b>													<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>			
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	??		
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	10.42	10.42	9.90	9.34		7.44	10.64	10.53
<b>Decathlon - Heat 1 - 2015 Wakayama Grand Prix (Wakayama, JPN)</b>													<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>			
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
<b>Decathlon - Heat 2 - 2014 Asian Games (Incheon, KOR)</b>													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>			
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	<b>PB</b>	# 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
<b>Decathlon - Heat 1 - 2014 Japanese Multi-Event National Championships (Nagano, JPN)</b>													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>			
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
<b>Decathlon - Heat 1 - 2014 Nittai University Distance Meeting (Wakayama, JPN)</b>													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>			
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	<b>PB</b>	# 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
<b>Decathlon - Heat 1 - 2013 Japanese Multi-Event National Championships (Nagano, JPN)</b>													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>			
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
<b>Decathlon - Heat 1 - 2013 Wakayama Athletics Meeting (Wakayama, JPN)</b>													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>			
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

<b>Decathlon - Heat 1</b> - 2012 Japanese Multi-Event National Championships (Nagano, JPN)													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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

<b>Decathlon - Heat ??</b> - 2012 Tokyo Athletics Championships (Chofu, JPN)													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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

<b>Decathlon - Heat ??</b> - 2011 Japanese Multi-Event National Championships (Kawasaki, JPN)													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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

<b>Decathlon - Heat ??</b> - 2010 Japanese Multi-Event National Championships (Kawasaki, JPN)													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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

<b>Decathlon - Heat 2</b> - 2009 Gunma Relays (Maebashi, JPN)													<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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

<b>Nakamura, Shota (JPN) (2001)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2020 Japanese U20 National Championships (Hiroshima, JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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									

<b>Heat 2</b> - 2020 Japanese U20 National Championships (Hiroshima, JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>					
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

<b>U20 FINAL</b> - 2019 National Sports Festival (Hitachinaka, JPN)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>				
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		
wind	-2.3 m/s	velocity			7.43		3.36					10.37	9.28		7.43		

<b>FINAL</b> - 2019 Japanese National High School Championships (Okinawa, JPN)													<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>				
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

<b>Nakamura, Syota (JPN) (2001)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2018 Japanese National High School Championships (Nagoya, JPN)													<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection</i>														
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									

<b>Nakawaki Yuya (JPN) (1998)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2016 Japanese High School Championships (Okayama, JPN)													<i>Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data</i>														
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	0.95	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											

<b>Nakayama, Tomoki (JPN) (2004)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>U18 FINAL</b> - 2019 National Sports Festival (Hitachinaka, JPN)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>														
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												

<b>Nakayama, Yasushi (JPN) (1992)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2010 Japanese National High School Championships (Okinawa, JPN)													<i>Matsuo (2010) - 63rd high school championships: JAF scientific committee - biomechanics data</i>														
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	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										

<b>Nakazawa, Yuya (JPN)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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<b>FINAL - 2016 Japanese National High School Championships (Okayama, JPN) Kato (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection</b>															
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	
<b>Naoki, Koja (JPN) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>FINAL - 2007 Japanese National High School Championships (Saga, JPN) Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection</b>															
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	
<b>Naoki, Masafumi (JPN) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>FINAL - 2019 Fuse Sprint (Tottori, JPN) Hayato (2019) - race analysis of men's 100m at major compeitions in 2019</b>															
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		interval		0.112	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	
<b>Race 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN) Koyama (2014) - research on athlete performance and technique- 2014 data book</b>															
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	
<b>Narracott, Paul (AUS) (1959) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>FINAL - 1983 IAAF World Championships (Helsinki, FIN) Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</b>															
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		interval		0.140	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	
<b>Nashimoto, Masaki (JPN) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>Race B - 2014 Izumo Athletics Games (Izumo, JPN) Matsuo (2014) - research on athlete performance and technique- 2014 data book</b>															
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	
<b>FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN) Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</b>															
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	
<b>FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</b>															
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	
<b>Näsman, Erik (SWE) (1987) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>G FINAL - 2013 Windsprint (Sundsvall, SWE) (2013) - www.ssg.se/windsprint/Splittider/</b>															
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	
<b>F FINAL - 2011 Windsprint (Sundsvall, SWE) (2011) - www.ssg.se/en/Windsprint/Split-times/</b>															
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	
<b>E FINAL - 2010 Windsprint (Sundsvall, SWE) (2010) - www.ssg.se/en/Windsprint/Split-times/</b>															
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	
<b>D FINAL - 2009 Windsprint (Sundsvall, SWE) (2009) - www.ssg.se/en/Windsprint/Split-times/</b>															
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	
<b>Németh, Roland (HUN) (1974) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</b>															
<b>FINAL - 2002 European Championships (Munich, GER) Graubner (2009) - http://www.fgs.uni-halle.de</b>															
date	07-Aug-02	time	2.98	3.95	4.87	6.66	8.45	10.27	10.27					/ 4 3	
reaction time		interval		0.140	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	
<b>Semi-Final 2 - 2002 European Championships (Munich, GER) Graubner (2009) - http://www.fgs.uni-halle.de</b>															

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 &amp; 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 &amp; 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 &amp; 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/](http://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 &amp; 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/](http://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/](http://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/](http://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/](http://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/](http://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/](http://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	<b>PB</b>	# 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	<b>NJR</b>	# 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	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	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	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			7.01		8.99	11.00	11.00	11.00	3 / 5						
reaction time	0.129	interval					1.92		1.98	2.01			# of strides						
wind	-3.2 m/s	velocity		6.47			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	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	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						
<b>Nomura, Shogo (JPN) (1990)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2008 Japanese National High School Championships (Kumagaya, JPN)																	
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	0.174	interval	1.09	1.00	0.96	0.94	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
<b>Noor Zahi, Sha Mahmood (AFG) (1991)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Prelim 1</b> - 2024 Olympic Games (Paris, FRA)																	
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	0.96	0.97	<b>NR PB</b>	# 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		7.35	10.91	10.56
<b>Nordmark, Daniel (SWE) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>D FINAL</b> - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.22			7.17		9.13		11.21	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	
<b>Nordkvist, Robin (SWE) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>D FINAL</b> - 2014 Windsprint (Sundsvall, SWE)																	
date	20-Jul-14	time		4.09			6.88		8.73		10.68	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	
<b>C FINAL</b> - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.17			7.01		8.93		10.92	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	
<b>C FINAL</b> - 2012 Windsprint (Sundsvall, SWE)																	
date	17-Jun-12	time		4.29			7.21		9.15		11.22	11.22	11.22	1 / 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	
<b>Norgren, Daniel (SWE) (1990)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>C FINAL</b> - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time		4.23			7.22		9.28		11.37	11.37	11.37	1 / 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	
<b>Norman, Josh (USA) (1980)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2009 Meeting Pas de Calais (Lievain, FRA)																	
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		7.65	11.03	
<b>Heat 2</b> - 2009 Meeting Pas de Calais (Lievain, FRA)																	
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		7.69	10.99	
<b>Norman, Michael (USA) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2021 Weltklasse (Zürich, SUI)																	
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		
<b>FINAL</b> - 2021 Memorial van Damme (Brussels, BEL)																	
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		
<b>FINAL</b> - 2021 Prefontaine Classic (Eugene, OR)																	
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		
<b>Norton, Ray (USA) (1937)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 1959 San Jose University Meeting (San Jose, CA)																	
date	18-Apr-59	time					5.6					10.1	10.1	1 / 1			



reaction time	interval											4.5	WR	# of strides			
wind	1.3 m/s	velocity			8.93							11.11	9.90				
<b>Novák, Luboš (CZE) (1988)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>																	
<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>																	
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				
<b>Nowak, Marcin (POL) (1977)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>C FINAL - 2009 ISTAF (Berlin, GER)</b>																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
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	
<b>Nowosz, Zenon (POL) (1944)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1972 Olympic Games (Munich, FRG)</b>																	
<i>Breizer (1984) - sprint competition analysis</i>																	
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	
<b>Nthépé, Aimé-Issa (FRA) (1973)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2002 European Championships (Munich, GER)</b>																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
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	
<b>Semi-Final 1 - 2002 European Championships (Munich, GER)</b>																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
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	
<b>Quarter-Final 2 - 2002 European Championships (Munich, GER)</b>																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
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				
<b>Nyberg, Erik (SWE) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
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	
<b>Nyvoid, Lid Sondre (NOR) (1994)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
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	
<b>Núñez, Juan (DOM) (1959)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)</b>																	
<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																	
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
<b>FINAL - 1983 IAAF World Championships (Helsinki, FIN)</b>																	
<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>																	
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
<b>Öberg, Sebastian (SWE) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>D FINAL - 2010 Windsprint (Sundsvall, SWE)</b>																	
<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																	
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	
<b>Obikwelu, Francis (POR) (1978)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)</b>																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
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)**

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	<b>AR</b>	# 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

Brito (2007) - 100m stats, you may be interested ([www.elitetrack.com/forums](http://www.elitetrack.com/forums))**FINAL - 2002 European Championships (Munich, GER)**

date	07-Aug-02	time	2.96	3.90	4.80	6.54	8.29	10.06	10.06				
reaction time	0.158	interval		0.94	0.90	1.74	1.75	1.77	<b>NR</b>	# 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	

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

date	07-Aug-02	time	2.97	3.91	4.81	6.56	8.31	10.12	10.12				
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	

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

date	06-Aug-02	time	3.06	4.02	4.93	6.72	8.52	10.33	10.33				
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	

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

date	06-Aug-02	time	3.02	3.98	4.90	6.68	8.47	10.38	10.38				
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	

Graubner (2009) - <http://www.fgs.uni-halle.de>**Obikwelu, Francis (NGR) (1978)**

date	31-Aug-01	time	2.92	3.86	4.75	6.48	8.21	9.98	9.98				
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	

Graubner (2009) - <http://www.fgs.uni-halle.de>**Obiora, Nzimirro (NOR) (1994)**

date	26-Jul-15	time		4.25		7.49		11.85	11.85				
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	

(2015) - [www.windsprint/Splittider/](http://www.windsprint/Splittider/)**Oduduru, Divine (NGR) (1996)**

date	12-Jul-19	time			5.7			10.26	10.26				
reaction time	0.148	interval						4.56		# of strides			
wind	0.3 m/s	velocity			8.77			10.96	9.75		44.0		

Omega Timing (2019) - [diamond.league.race.analysis](http://diamond.league.race.analysis)**Ofori, Gilbert (NOR) (1994)**

date	28-Jul-13	time		4.22		7.14		9.12	11.15	11.15			
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

(2013) - [www.ssg.se/windsprint/Splittider/](http://www.ssg.se/windsprint/Splittider/)**D FINAL - 2012 Windsprint (Sundsvall, SWE)**

date	17-Jun-12	time		4.21		7.13		9.06	11.04	11.04			
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

(2012) - [www.elitlandslag.se/SprintHäck/KortSprint.aspx](http://www.elitlandslag.se/SprintHäck/KortSprint.aspx)**Ogata, Eiji (JPN)**

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
reaction time	0.223	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.98	0.98		# of strides
wind	-2.7 m/s	velocity	5.08	8.93	9.90	10.31	10.42	10.42	10.42	10.20	10.20	9.20	

Takashima (2023) - [national-high-school-sports-festival-biomechanics-data](http://national-high-school-sports-festival-biomechanics-data)**Ogawa, Ao (JPN)**

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
reaction time	0.201	interval		1.14	1.02	0.98	0.96	0.96	0.96	0.97	0.98		# of strides
wind	-2.7 m/s	velocity	4.93	8.77	9.80	10.20	10.42	10.42	10.42	10.31	10.20	9.12	

Takashima (2023) - [national-high-school-sports-festival-biomechanics-data](http://national-high-school-sports-festival-biomechanics-data)**Ogi, Machii (JPN) (2003)**

date	04-Oct-19	time		4.06		6.01		10.96	10.96				
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		

Enomoto (2019) - [research-on-athlete-performance-and-technique-2019-data-book](http://research-on-athlete-performance-and-technique-2019-data-book)**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
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**Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.95	3.89	4.78	6.56
reaction time	0.161	interval		0.94	0.89	1.78
wind	0.4 m/s	velocity	6.78	10.64	11.24	11.24

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

	8.31	10.19	10.19	8 / 5
	1.75	1.88	<b>PB</b>	# of strides
	11.43	10.64	9.81	3.89 2.67
				7.71 11.24

**Heat 9 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	3.00	3.95	4.85	6.66
reaction time	0.166	interval		0.95	0.90	1.81
wind	-0.5 m/s	velocity	6.67	10.53	11.11	11.05

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

	8.45	10.30	10.30	5 / 3
	1.79	1.85		# of strides
	11.17	10.81	9.71	3.95 2.71
				7.59 11.07

**Ogunode, Femi (QAT) (1991)****FINAL - 2021 Doha Diamond League (Doha, QAT)**

date	28-May-21	time	3.0	4.8	6.6	8.3	10.00
reaction time	0.146	interval		1.80	1.80	1.70	1.70
wind	0.9 m/s	velocity	6.67	11.11	11.11	11.76	11.76

*Omega Timing (2021) - diamond league race analysis*

	10.00	10.00	5 / 1
			# of strides
			46.0

**Ogunode, Tosin (QAT) (1994)****FINAL - 2021 Doha Diamond League (Doha, QAT)**

date	28-May-21	time	3.4	5.3	7.1	8.9	10.72
reaction time	0.202	interval		1.90	1.80	1.80	1.82
wind	0.9 m/s	velocity	5.88	10.53	11.11	11.11	10.99

*Omega Timing (2021) - diamond league race analysis*

	10.72	10.72	3 / 8
			# of strides
			46.2

**FINAL - 2018 Asian Games (Jakarta, INA)**

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
reaction time	0.125	interval		1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.89	0.91
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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

	10.00	10.00	8 / 2
			# of strides
			3.81 2.64 2.64
			44.5 7.87 11.36 11.36

**Ohitsu, Takahiro (JPN)****FINAL - 2018 Shimane High School Championships (Izumo, JPN)**

date	26-May-18	time		4.07	6.91	2.84	9.68	10.68	10.68
reaction time		interval			2.84	2.77	1.00	2.77	1.00
wind	2.3 m/s	velocity		7.37	10.56	10.83	10.00	9.36	9.36

*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

	10.68	10.68	5 / 2
			# of strides
			4.07 2.84 2.77
			50.3 7.37 10.56 10.83

**Ohlström, Morgan (SWE) (1991)****C FINAL - 2009 Windsprint (Sundsvall, SWE)**

date	25-Jul-09	time		4.26	7.22	9.25	11.33	11.33
reaction time		interval			2.96	2.03	2.08	2.08
wind	3.0 m/s	velocity		7.04	10.14	9.85	9.62	8.83

*(2009) - www.ssg.se/en/Windsprint/Split-times/*

	11.33	11.33	1 / 5
			# of strides
			4.26 2.96
			7.04 10.14

**Öiglane, Janek (EST) (1994)****Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)**

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
reaction time	0.142	interval		1.10	1.07	0.96	0.95	0.95	0.96	0.97	0.95	0.95
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

*Paris 2024 Olympic Games - Results Book (2024)*

	10.89	10.89	3 / 4
			# of strides
			4.20 2.86 2.88
			9.18 46.0 7.14 10.49 10.42

**Ojuri, Sunday (SWE) (1993)****B FINAL - 2017 Windsprint (Sundsvall, SWE)**

date	30-Jul-17	time		4.18	6.10	7.03	8.93	10.88	10.88
reaction time		interval			1.92	0.93	1.90	1.95	1.95
wind	1.5 m/s	velocity		7.18	10.42	10.75	10.53	10.26	9.19

*(2017) - www.windsprint/Splittider/*

	10.88	10.88	7 / 3
			# of strides
			4.18 2.85
			7.18 10.53

**A FINAL - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time		4.20	7.02	2.82	3.85	10.87	10.87
reaction time		interval			2.82	3.85	3.85	3.85	3.85
wind	1.4 m/s	velocity		7.14	10.64	10.39	9.20	10.39	9.20

*(2016) - www.windsprint/Splittider/*

	10.87	10.87	3 / 3
			# of strides
			4.20 2.82
			7.14 10.64

**Heat 1 - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time		4.21	7.06	2.85	3.87	10.93	10.93
reaction time		interval			2.85	3.87	3.87	3.87	3.87
wind	0.7 m/s	velocity		7.13	10.53	10.34	9.15	10.34	9.15

*(2016) - www.windsprint/Splittider/*

	10.93	10.93	8 / 5
			# of strides
			4.21 2.85
			7.13 10.53

**C FINAL - 2015 Windsprint (Sundsvall, SWE)**

date	26-Jul-15	time		6.98	3.82	10.80	10.80
reaction time		interval			3.82	3.82	3.82
wind	0.6 m/s	velocity		8.60	10.47	9.26	9.26

*(2015) - www.windsprint/Splittider/*

	10.80	10.80	4 / 2
			# of strides

**C FINAL - 2013 Windsprint (Sundsvall, SWE)**

date	28-Jul-13	time		4.13	6.92	8.76	10.65	10.65
reaction time		interval			2.79	1.84	1.89	1.89
wind	1.7 m/s	velocity		7.26	10.75	10.87	10.58	9.39

*(2013) - www.ssg.se/windsprint/Splittider/*

	10.65	10.65	5 / 1
			# of strides
			4.13 2.79
			7.26 10.75

**C FINAL - 2012 Windsprint (Sundsvall, SWE)***(2012) - www.elitandslag.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/](http://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				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				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/](http://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		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 - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN)** Takefu (2023) - *performance analysis 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 analysis 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		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](http://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/](http://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/](http://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)**

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	

(2016) - [www.windsprint/Splittider/](http://www.windsprint/Splittider/)**Olsson, Benjamin (SWE) (1991) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

											<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>		
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**

											<i>Omega Timing (2024) - diamond league race analysis</i>						
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

**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

**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

**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

**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

**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

**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

**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

**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

**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

**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					9.01		# of strides	3.93	2.73
wind		velocity	7.63	10.93	11.11							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					9.09		# of strides	3.89	2.71
wind		velocity	7.71	11.05	11.11							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
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	3.95 2.77 2.80

**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 / <del>5</del> 4
reaction time		interval		1.03	0.93	0.90	0.89	0.93	0.90	0.92	0.97	0.92		# of strides
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
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	0.92	0.92		# of strides
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
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	10.36	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	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
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	4.06 2.83 2.87

**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	<b>PB</b>	# 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
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	

**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
reaction time		interval	1.08	0.96	0.93	0.91	0.90	0.91	0.92	0.95	0.97		# of strides
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

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

Matsuo (2016) - speed, frequency, and stride analysis of male &amp; 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
reaction time		interval	1.05	0.95	0.92	0.89	0.91	0.91	0.92	0.92	0.92		# of strides
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

**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
reaction time		interval	1.07	0.96	0.95	0.92	0.93	0.93	0.94	0.94	0.95		# of strides
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

**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
reaction time		interval	1.06	0.95	0.92	0.91	0.90	0.89	0.90	0.91	0.93		# of strides
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

**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
reaction time		interval	1.04	0.95	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides
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

**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
reaction time		interval	1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.93	0.95		# of strides
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

**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
wind	0.0 m/s	velocity				8.61	11.36	10.87	10.75	10.53	10.20	9.55	

**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
reaction time		interval	1.04	0.94	0.91	0.89	0.90	0.90	0.89	0.91	0.93	<b>NJR / PB</b>	# of strides
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

**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
wind	-0.5 m/s	velocity				8.59	10.99	10.53	10.42	10.20	9.90	9.41	

**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
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

**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	<b>PB</b>	# of strides

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

**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 2.92 interval 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 Olympc 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 1.78 # 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	
<b>Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	<b>PB</b>	# 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	
<b>Heat 2 - 2008 USA Olympic Trials (Eugene, OR)</b>														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	
<b>Palacios, Rolando (HON) (1987)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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		
<b>Heat 8 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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		
<b>Papadiás, Harálabos (GRE) (1975)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>B FINAL 1 - 2001 European Cup (Bremen, GER)</b>														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
date	23-Jun-01	time		3.10	4.05	4.95		6.82		8.62		10.52	10.52	1 / 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		
<b>Parker, Earvin (USA) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>														<i>USATF Women's Sprint Development (2003)</i>				
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	
<b>Patros, David (FRA) (1977)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 1996 International French Championships (Bercy, FRA)</b>														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>				
date	10-Feb-96	time	1.90	2.97	3.95	4.88	5.77	6.70					6.70	1 / 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		
<b>Heat 2 - 1996 International French Championships (Bercy, FRA)</b>														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>				
date	10-Feb-96	time	1.84	2.93	3.89	4.82	5.74	6.67					6.67	1 / 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		
<b>Paulina, Hensley (NED) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>National - Heat 1 - 2023 FBK Games (Hengelo, NED)</b>														<i>Omega Timing (2023) - continental tour race analysis</i>				
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	
<b>Paulsson Bixo, Jonathan (SWE) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>G FINAL - 2014 Windsprint (Sundsvall, SWE)</b>														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
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		
<b>Patton, Darvis (USA) (1977)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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	
<b>Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				

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
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

**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
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

**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	<b>PB</b>	# of strides	3.88	2.59
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

**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
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

**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 / <del>8</del> 7		
reaction time	0.163	interval		1.14							3.61			# 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 / <del>3</del> 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



<b>Heat 2 - 1996 International French Championships (Bercy, FRA)</b>													<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>									
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						
<b>Persson, Daniel (SWE) (1982)</b>																						
<b>B FINAL - 2010 Windsprint (Sundsvall, SWE)</b>													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>									
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					
<b>Persson, Marcus (SWE) (1994)</b>																						
<b>G FINAL - 2011 Windsprint (Sundsvall, SWE)</b>													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>									
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					
<b>E FINAL - 2010 Windsprint (Sundsvall, SWE)</b>													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>									
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					
<b>Perrin, Marc (SUI) (1995)</b>																						
<b>B Race - 2023 Athletissima (Lausanne, SUI)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>									
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	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				
<b>Perry, Preston (USA) (1983)</b>																						
<b>Heat 4 - 2008 USA Olympic Trials (Eugene, OR)</b>													<i>USATF Women's Sprint Development with HPC (2008)</i>									
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	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				
<b>Perry, Willie (USA) (1987)</b>																						
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b>													<i>USATF Women's Sprint Development (2006)</i>									
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	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	<b>PB</b>		# 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				
<b>Pešić, Darko (MNE) (1992)</b>																						
<b>Prelim 2 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>									
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	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			
<b>Personneaux, Pierre-Alexis (FRA) (1987)</b>																						
<b>B FINAL - 2009 ISTAF (Berlin, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>									
date	14-Jun-09	time		3.04	4.03	4.97		6.81	8.68				10.58	10.58	/ 7							
reaction time		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					
<b>Petrák, Miloslav (CZE) (1993)</b>																						
<b>Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)</b>													<i>Fehér (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>									
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								
<b>Pettersson, Andreas (SWE) (1996)</b>																						
<b>F FINAL - 2012 Windsprint (Sundsvall, SWE)</b>													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>									
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					
<b>Pettersen, Even (NOR) (1993)</b>																						
<b>National FINAL - 2021 Bislett Games (Oslo, NOR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>									
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								
<b>E FINAL - 2013 Windsprint (Sundsvall, SWE)</b>													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>									
date	28-Jul-13	time			4.14			6.96	8.84				10.77	10.77	8 / 1							





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

Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)	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	1 / 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 (Lievain, FRA)**Vazel (2009) - <http://futuranterieur.files.wordpress.com/2009/02/09-lievain-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  
Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)	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  
PrimeTime Timing (2020) - <https://results.nbindoorgrandprix.com/>

FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)	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 / 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

**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	<b>CR</b>	# 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](http://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](http://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	<b>WR</b>	# 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](http://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	<b>=WR</b>	# 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](http://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	<b>=WR</b>	# 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](http://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	<b>WR</b>	# 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](http://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	<b>AR</b>		# 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](http://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	
reaction time	0.166	interval		1.04		2.68	0.86	0.85	1.74	0.89		# of strides	
wind	0.6 m/s	velocity	5.32	9.62		11.19	11.63	11.76	11.49	11.24	10.06	44.5	2.59 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

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



**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											
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											
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											
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											
reaction time	0.132	interval		0.97	0.92	1.81	1.82	1.88	<b>=PB</b>					# 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 olympizyklus 1981/84*

date	09-Jul-82	time			4.02	6.68	8.46	10.25	10.25											
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							
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							
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							
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							
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							
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							
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							
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							
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							
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												
<b>Pritchett, Matthieu (USA) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>													<i>USATF Women's Sprint Development (2005)</i>							
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	0.181	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			
<b>Procházka, Jáchym (CZE) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>													<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>							
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			
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>													<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>							
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												
<b>Puggioni, Giovanni (ITA) (1966)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 1997 European Cup (Munich, GER)</b>													<i>Jung (2003) - http://www.fgs.uni-halle.de</i>							
date	21-Jun-97	time	2.01	4.03	6.75	10.40	10.40	7 / 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										
<b>Qiao Jichao (CHN) (2006)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 11 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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		
<b>Heat 6 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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		
<b>Heat 9 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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>B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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							
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2022)</i>							
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		
<b>Quainoo, Jeriel (GBR) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>National FINAL - 2024 London Athletics Meet (London, GBR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>							
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			
<b>Quan Jiafu (CHN) (2004)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 13 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>							
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	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			
<b>Heat 10 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>							
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			# 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							
<b>Quan Yingrui (CHN) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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
<b>A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>				
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	
wind		velocity	5.08	9.90	10.42	10.99	10.87	10.87					8.97	29.7	7.61	10.91	
<b>FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)</b>													<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>				
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	<b>PB</b>	# 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
<b>Quarrie, Don (JAM) (1951)</b>																	
<b>FINAL - 1976 Olympic Games (Montreal, CAN)</b>													<i>Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run</i>				
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	<b>PB</b>	# 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		
<b>Quinn, Devin (USA) (1996)</b>																	
<b>FINAL - 2019 Athletissima (Lausanne, SUI)</b>													<i>Omega Timing (2019) - diamond league race analysis</i>				
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			
<b>Rahman, Imran (BAN) (1993)</b>																	
<b>Prelim 6 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>Raja, Andres (EST) (1982)</b>																	
<b>Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)</b>													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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				
<b>Ramdhan, Tommy (GBR) (1996)</b>																	
<b>FINAL - 2022 FBK Games (Hengelo, NED)</b>													<i>Omega Timing (2022) - continental tour race analysis</i>				
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			
<b>Rapp, Ondrej (CZE) (1997)</b>																	
<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>													<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>													<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>				
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				
<b>Rashad, Ahmad (USA) (1987)</b>																	
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>													<i>USATF Women's Sprint Development (2005)</i>				
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
<b>Rask, Jesper (SWE) (1997)</b>																	
<b>F FINAL - 2014 Windsprint (Sundsvall, SWE)</b>													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time		4.23				7.24				11.37	11.37	1 / 5			
reaction time		interval					3.01					4.13	<b>PB</b>	# of strides	4.23	3.01	
wind	1.5 m/s	velocity		7.09			9.97					9.69	8.80		7.09	9.97	
<b>H FINAL - 2013 Windsprint (Sundsvall, SWE)</b>													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
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		
<b>Rasmussen Osazuwa, Peter Efe (NOR) ( )</b>																	
<b>C FINAL - 2015 Windsprint (Sundsvall, SWE)</b>													<i>(2015) - www.windsprint/Splittider/</i>				

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				
<b>Rattray, Kevaghn (JAM) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL</b> - 2020 Millrose Games (New York, NY)																		
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	
wind		velocity	4.93	9.90	10.87	11.11	11.11	11.63					9.06		30.2	7.58	11.28	
<b>Ray, Eugen (GDR) (1957)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL</b> - 1977 East German National Championships (Dresden, GDR)																		
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	<b>=PB</b>		# 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		
<b>FINAL</b> - 1977 Olympischer Tag (East Berlin, GDR)																		
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		
<b>FINAL</b> - 1976 East German National Indoor Championships (East Berlin, GDR)																		
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	<b>WJBi</b>		# of strides	3.90	2.70		
wind		velocity			7.69		11.11		11.30		11.17	9.84			7.69	11.11		
<b>FINAL</b> - 1975 Olympischer Tag (East Berlin, GDR)																		
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		
<b>Reed, William (MHL) (2005)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Prelim 1</b> - 2024 Olympic Games (Paris, FRA)																		
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	<b>PB</b>	# 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
<b>Reinaru, Kristjan (EST) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL</b> - 2006 Estonian National Championships (Tallinn, EST)																		
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		
<b>Ren Tinghui (CHN) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 1</b> - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)																		
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
<b>FINAL</b> - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)																		
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		
wind		velocity	5.10	10.10	10.31	10.53	10.87	10.99					8.96		32.2	7.65	10.79	
<b>Heat 13</b> - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)																		
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					<b>PB</b>	# of strides	3.92	2.76		
wind		velocity	5.26	9.62	10.20	10.87	10.99	10.75					8.98		32.2	7.65	10.87	
<b>Rentería, Johnny (COL) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 2</b> - 2024 Olympic Games (Paris, FRA)																		
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
<b>Reus, Julian (GER) (1988)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL</b> - 2013 European Indoor Championships (Göteborg, SWE)																		
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				
wind		velocity		6.80		10.64		11.11					9.06		29.7			
<b>Rezniček, Jakub (CZE) (1995)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	



**FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)**

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

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

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				

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Ričar, Martin (CZE) (1991)**

<b>FINAL - 2013 Czech Republic National Championships (Tábor, CZE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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

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

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			

*Feher (2013) - Final report from the men's & women's Czech Republic national championships***Richardson, Benjamin (RSA) (2003)**

<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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

*Paris 2024 Olympic Games - Results Book (2024)***Heat 5 - 2024 Olympic Games (Paris, FRA)**

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

*Paris 2024 Olympic Games - Results Book (2024)***National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)**

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

*Omega Timing (2023) - diamond league race analysis***Richter, David (CZE) (1998)**

<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
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

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

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			

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Ridanpää, Tero (FIN) (1972)**

<b>FINAL - 1994 (Tønsberg, NOR)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	20-Jul-94	time	4.06	6.89	8.74	10.69	10.69	10.69	10.69	10.69	10.69	10.69	1 / 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					

*(2007) - www.ssg.se/en/Windsprint/Split-times/***Riis, Jacob (DEN) (1984)**

<b>C FINAL - 2009 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
date	25-Jul-09	time	4.41	7.46	9.46	11.55	11.55	11.55	11.55	11.55	11.55	11.55	11.55	1 / 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						

*(2009) - www.ssg.se/en/Windsprint/Split-times/***Roach, Kimmari (JAM) (1990)**

<b>FINAL - 2010 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	08-Aug-10	time	3.91	6.58	8.35	10.21	10.21	10.21	10.21	10.21	10.21	10.21	1 / 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					

*(2010) - www.ssg.se/en/Windsprint/Split-times/***Robertson, Andrew (GBR) (1990)**

<b>FINAL - 2010 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	08-Aug-10	time	3.97	6.76	8.59	10.53	10.53	10.53	10.53	10.53	10.53	10.53	1 / 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					

*(2010) - www.ssg.se/en/Windsprint/Split-times/*

**Röder, Adam (CZE) (1998)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b> <i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																	
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)**

<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																	
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
<b>FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)</b> <i>Omega Timing (2022) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2021) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2021) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2020) - diamond league race analysis</i>																	
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)**

<i>European Athletics (2019) - race analysis</i>																	
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)**

<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)**

<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>																	
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)**

<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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	44.5	7.71	11.28	



**Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.91	3.84	4.72	6.47
reaction time	0.147	interval	0.93	0.88	1.75	
wind	0.4 m/s	velocity	6.87	10.75	11.36	11.43

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

	8.20	10.01	10.01	6 / 1
	1.73	1.81		# of strides
	11.56	11.05	9.99	3.84 2.63
				7.81 11.41

**Heat 12 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.96	3.91	4.81	6.62
reaction time	0.157	interval	0.95	0.90	1.81	
wind	-0.4 m/s	velocity	6.76	10.53	11.11	11.05

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

	8.40	10.25	10.25	3 / 1
	1.78	1.85		# of strides
	11.24	10.81	9.76	3.91 2.71
				7.67 11.07

**FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)**

date	13-Sep-08	time	3.04	3.99	4.90	5.79	6.72	7.55	8.44
reaction time	0.182	interval	0.95	0.91	0.89	0.93	0.83	0.89	
wind	0.4 m/s	velocity	6.58	10.53	10.99	11.24	10.75	12.05	11.24

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

	10.27	10.27	8 / 6
	1.83		# of strides
	10.93	9.74	3.99 2.73
			7.52 10.99

**FINAL - 2008 USA Olympic Trials (Eugene, OR)**

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
reaction time	0.166	interval	1.01	0.93	0.88	0.89	0.84	0.88	0.86	0.88	0.88	
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

*USATF Women's Sprint Development with HPC (2008)*

	10.01	10.01	1 / 7
			# of strides
	9.99		3.90 2.61 2.62
			7.69 11.49 11.45

**Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)**

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
reaction time		interval	1.02	0.93	0.90	0.89	0.85	0.90	0.86	0.93	0.92	
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

*USATF Women's Sprint Development with HPC (2008)*

	10.18	10.18	1 / 4
			# of strides
	9.82		3.93 2.64 2.69
			7.63 11.36 11.15

**Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)**

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
reaction time		interval	1.10	0.94	0.90	0.85	0.84	0.86	0.90	0.87	0.93	
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

*USATF Women's Sprint Development with HPC (2008)*

	10.07	10.07	1 / 5
			# of strides
	9.93		3.92 2.59 2.63
			7.65 11.58 11.41

**Heat 1 - 2008 USA Olympic Trials (Eugene, OR)**

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
reaction time		interval	0.99	0.94	0.91	0.85	0.89	0.86	0.88	0.94	0.88	
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

*USATF Women's Sprint Development with HPC (2008)*

	10.15	10.15	5 / 5
			# of strides
	9.85		3.94 2.65 2.68
			7.61 11.32 11.19

**Rodríguez, Ángel David (ESP) (1980)****Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	3.00	3.98	4.91	6.74
reaction time	0.149	interval	0.98	0.93	1.83	
wind	0.1 m/s	velocity	6.67	10.20	10.75	10.93

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

	8.54	10.39	10.39	2 / 8
	1.80	1.85		# of strides
	11.11	10.81	9.62	3.98 2.76
				7.54 10.87

**Heat 7 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	3.01	3.98	4.90	6.74
reaction time	0.150	interval	0.97	0.92	1.84	
wind	0.4 m/s	velocity	6.64	10.31	10.87	10.87

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

	8.54	10.39	10.39	5 / 5
	1.80	1.85		# of strides
	11.11	10.81	9.62	3.98 2.76
				7.54 10.87

**Rogo, Desmond (SWE) (1996)****National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)**

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
reaction time	0.153	interval	1.12	0.98	0.94	0.94	0.93	0.93	0.95	0.95	0.95	
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

*Omega Timing (2024) - diamond league race analysis*

	10.72	10.72	8 / 6
			# of strides
	9.33		4.13 2.81 2.83
			7.26 10.68 10.60

**National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)**

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
reaction time	0.133	interval	1.10	0.99	0.95	0.92	0.91	0.91	0.92	0.93	0.93	
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

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

	10.55	10.55	6 / 4
			# of strides
	9.48		4.08 2.78 2.76
			7.35 10.79 10.87

**National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)**

date	04-Jul-21	time	3.1		5.0	6.9	8.7	10.54
reaction time	0.138	interval		1.90	1.90	1.80	1.84	
wind	0.5 m/s	velocity	6.45		10.53	10.53	11.11	10.87

*Omega Timing (2021) - diamond league race analysis*

	10.54	10.54	1 / 6
			# of strides
	9.49		46.0

**A FINAL - 2017 Windsprint (Sundsvall, SWE)**

date	30-Jul-17	time		4.10	5.95	6.86	8.73	10.65
reaction time		interval		1.85	0.91	1.87	1.92	
wind	1.8 m/s	velocity		7.32	10.81	10.99	10.70	10.42

*(2017) - www.windsprint/Splittider/*

	10.65	10.65	4 / 4
			# of strides
	9.39		4.10 2.76
			7.32 10.87

**Rooth, Markus (NOR) (2001)****Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)**

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
reaction time	0.151	interval	1.12	1.00	0.96	0.92	0.94	0.94	0.95	0.95	0.95	
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

*Paris 2024 Olympic Games - Results Book (2024)*

	10.71	10.71	8 / 1
			# of strides
	9.34		4.10 2.82 2.84
			97.0 7.32 10.64 10.56

<b>Rose, Odain (SWE) (1992)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>National FINAL</b> - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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				
<b>A FINAL</b> - 2015 Windsprint (Sundsvall, SWE)												<i>(2015) - www.windsprint/Splittider/</i>					
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		
<b>FINAL</b> - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	02-Mar-13	time	2.92		4.79		6.62					6.62	8 / 5				
reaction time	0.147	interval			1.87		1.83					<b>PB</b>	# of strides				
		velocity	6.85		10.70		10.93					9.06	29.0				
<b>FINAL</b> - 2012 Windsprint (Sundsvall, SWE)												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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>B FINAL</b> - 2011 Windsprint (Sundsvall, SWE)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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>B FINAL</b> - 2010 Windsprint (Sundsvall, SWE)												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
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>B FINAL</b> - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
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		
<b>Rosenberg, Michael (NOR) (1990)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>C FINAL</b> - 2015 Windsprint (Sundsvall, SWE)												<i>(2015) - www.windsprint/Splittider/</i>					
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					
<b>F FINAL</b> - 2013 Windsprint (Sundsvall, SWE)												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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		
<b>Rouge-Serret, Aaron (AUS) (1988)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>B FINAL</b> - 2008 Osaka Grand Prix (Osaka, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>					
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
<b>Rousseau, Xavier (BEL) (2006)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>U18 FINAL</b> - 2023 Memorial van Damme (Brussels, BEL)												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>Rurak, Konstantin (UKR) (1974)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Semi-Final 2</b> - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
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		
<b>Safo-Antwi, Sean (GHA) (1990)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Semi-Final 2</b> - 2022 Commonwealth Games (Birmingham, GBR)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)***Shibayama (2021) - national high school and U20 national championships*

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
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	4.00 2.76 2.79 7.50 10.87 10.75

**Saidy Ndure, Jaysuma (NOR) (1984)***(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	<b>DQ</b>	# of strides
wind	1.5 m/s	velocity		7.67		11.24		11.36		10.93	9.83	3.91 2.67 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
wind	3.0 m/s	velocity		7.69		11.58		11.70		11.43	10.05	3.90 2.59 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	6.61	4 / 4
reaction time	0.149	interval		1.87	1.79							# of strides
wind		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
wind	0.2 m/s	velocity	6.76	10.53	11.11	11.17	11.36	10.87	9.80	3.91 2.69 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
wind	0.1 m/s	velocity	6.76	10.64	11.24	11.17	11.43	10.93	9.84	3.90 2.68 7.69 11.19

**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	3.96	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
wind	-0.7 m/s	velocity	6.64	10.53	10.99	11.11	11.17	10.58	9.66	3.96 2.71 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	<b>NR</b>	# of strides
wind	-0.3 m/s	velocity	6.69	10.64	11.24	11.43	11.56	11.36	9.94	3.93 2.64 43.7 7.63 11.36

**Saito, Hitoshi (JPN) (1986)***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
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	4.01 2.74 2.69 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
wind	0.7 m/s	velocity		7.35		10.56		10.39	9.29	46.1 4.08 2.84 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
wind	0.6 m/s	velocity		7.43		10.64		10.50	9.37	46.5 4.04 2.82 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
wind	???	velocity		7.41		10.79		10.75	9.48	45.7 4.05 2.78 7.41 10.79

<b>???</b> - 2009 Japanese National University Championships (Tokyo, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
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					
<b>Heat 3</b> - 2009 Mikio Oda Memorial (Hiroshima, JPN) <i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>																	
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			
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	4.02 2.72 2.68			
														7.46 11.03 11.19			
<b>Semi-Final 1</b> - 2008 Japanese National University Championships (Tokyo, JPN) <i>Akirabun (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
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					
<b>Heat 1</b> - 2008 Nambu Chuhei Memorial (Hakodate, JPN) <i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>																	
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			
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	3.98 2.74 2.75			
														7.54 10.95 10.91			
<b>Semi-Final 1</b> - 2008 Kanto Championships (Tokyo, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
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					
<b>Saito, Isami (JPN) (1999)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2016 Japanese High School Championships (Okayama, JPN) <i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>																	
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		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	
<b>Sakaguchi, Takuya (JPN) (1992)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2010 Japanese National High School Championships (Okinawa, JPN) <i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>																	
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
<b>Sakai, Ryuichiro (JPN) (1998)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 7</b> - 2024 Olympic Games (Paris, FRA) <i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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			
reaction time		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
<b>Semi-Final 1</b> - 2019 Japanese National Championships (Fukuoka, JPN) <i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>																	
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		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
<b>Sakai, Taku (JPN)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2007 Japanese National High School Championships (Saga, JPN) <i>Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection</i>																	
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
<b>Sakuma, Kota (JPN) (1985)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2010 Japanese Corporate Championships (Niigata, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
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
<b>Heat 6</b> - 2010 Japanese Corporate Championships (Niigata, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
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	
<b>FINAL</b> - 2010 Japanese National Championships (Marugame, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	
date	06-Jun-10	time		3.99				6.75				10.48	10.48	5 / 5			
reaction time		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
<b>Semi-Final 2</b> - 2010 Japanese National Championships (Marugame, JPN) <i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>																	



date	06-Jun-10	time	3.96	6.72	10.47	10.47	/ 2												
reaction time	0.140	interval		2.76	3.75	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	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	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	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	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	
<b>D FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																		
<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	25-Jul-09	time	4.51					7.67	9.85	12.06	12.06	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
<b>FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)</b>																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
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
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>																	
<i>USATF Women's Sprint Development with HPC (2008)</i>																	
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
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>																	
<i>USATF Women's Sprint Development with HPC (2008)</i>																	
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
<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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

**Heat 5 - 2024 Olympic Games (Paris, FRA)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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

**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
<b>Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>																	
<i>USATF Women's Sprint Development with HPC (2008)</i>																	
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

**Heat 3 - 2008 USA Olympic Trials (Eugene, OR)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<i>USATF Women's Sprint Development with HPC (2008)</i>																	
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)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<i>USATF Women's Sprint Development (2006)</i>																	
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	
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>												<i>USATF Women's Sprint Development (2005)</i>					
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	
<b>Samuelsson, Jakob (SWE) (1998)</b>																	
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Sandin, Christofer (SWE) (1979)</b>																	
<b>FINAL - 2007 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Sandström, Emil (SWE) (2000)</b>																	
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>																	
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		
<b>Sangouma, Daniel (FRA) (1965)</b>																	
<b>Heat 1 - 1996 International French Championships (Bercy, FRA)</b>																	
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	
wind		velocity	5.15	9.17	10.10	10.75	10.75	10.99					8.84	7.46	10.83		
<b>FINAL - 1991 European Cup (Frankfurt, GER)</b>																	
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		
<b>FINAL - 1989 IAAF World Cup (Barcelona, ESP)</b>																	
date	08-Sep-89	time		2.97		4.83	5.72	6.61	7.48	8.37		10.17	10.17	/ 3			
reaction time		interval				1.86	0.89	0.89	0.87	0.89		1.80	<b>=PB</b>	# 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			
<b>Sani Brown, Abdul Hakim (JPN) (1999)</b>																	
<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>																	
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		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
<b>FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)</b>																	
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		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
<b>Semi-Final 3 - 2024 Olympic Games (Paris, FRA)</b>																	
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		interval		1.04	0.93	0.89	0.87	0.90	0.83	0.85	0.88	0.89	<b>PB</b>	# 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
<b>Heat 4 - 2024 Olympic Games (Paris, FRA)</b>																	
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		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
<b>FINAL - 2024 Bauhaus Galan (Stockholm, SWE)</b>																	
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		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
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>																	
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		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
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

**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		interval				2.62		2.61	0.90	<b>PB</b>				# of strides
wind	1.8 m/s	velocity		7.77		11.45		11.49	11.11	10.01				43.5

**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	<b>PB</b>	# of strides
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

**FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)**

Matsuo (2016) - speed, frequency, and stride analysis of male &amp; 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		interval		1.07	0.96	0.91	0.90	0.89	0.90	0.91	0.93	0.95		# of strides
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

**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		interval			0.92	0.94	0.88	0.89	0.89	0.93	0.93			# of strides
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

**FINAL - 2015 Japanese National Championships (Niigata, JPN)**

Matsuo (2015) - 2015 men's &amp; 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
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

**Sano, Yo (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	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
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

**Santander Villarubia, Remigio (GEQ) (20**

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 Olympc Games - Results Book (2024)

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
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
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

**Santos, Diego Moisés (ESP) (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	3.06	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
wind	1.3 m/s	velocity	6.54	10.00	10.64		10.81		10.99		10.53			7.39

**Santos, Marcos (ANG) (2004)**

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 Olympc Games - Results Book (2024)

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	<b>PB</b>	# of strides
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

**Prelim 4 - 2024 Olympic Games (Paris, FRA)**

Paris 2024 Olympc 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	<b>NR PB</b>	# of strides
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

**Sanuki, Nariyoshi (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				5.89	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
<b>Sasaki, Shuya (JPN) (1995)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2013 Japanese National High School Championships (Oita, JPN)																	
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
<b>Sato, Ayato (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2019 Shimane High School Championships (Izumo, JPN)																	
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
<b>FINAL</b> - 2018 Shimane High School Championships (Izumo, JPN)																	
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
<b>Sato, Hatano (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2023 Shimane High School Championships (Izumo, JPN)																	
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
<b>Savin, Vitaliy (URS) (1966)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 1991 European Cup (Frankfurt, GER)																	
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	
<b>Scales, Mardy (USA) (1981)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Quarter-Final 2</b> - 2008 USA Olympic Trials (Eugene, OR)																	
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
<b>Heat 3</b> - 2008 USA Olympic Trials (Eugene, OR)																	
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
<b>FINAL</b> - 2006 USATF National Championships (Indianapolis, IN)																	
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 / <del>8</del> 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
<b>Semi-Final 1</b> - 2006 USATF National Championships (Indianapolis, IN)																	
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 / <del>4</del> 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
<b>FINAL</b> - 2005 USATF National Championships (Carson, CA)																	
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
<b>FINAL</b> - 2003 USATF National Championships (Palo Alto, CA)																	
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 / <del>7</del> 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
<b>Schacht, Christian (GER) (1976)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL 2</b> - 2001 European Cup (Bremen, GER)																	
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	
<b>Schädelbauer, David (CZE) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 2</b> - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date		time															
reaction time		interval												# of strides			
wind		velocity															



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											
<b>Schmidt, Roy (GER) (1991)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2010 German National Junior Championships (Ulm, GER)</b>																			
date	06-Aug-10	time	3.12	4.10	5.04	6.90	8.80	10.78	10.78										
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				
<b>Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER)</b>																			
date	06-Aug-10	time	3.13	4.11	5.05	6.89	8.77	10.70	10.70										
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				
<b>Schröder, Thomas (GDR) (1962)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 1983 Olympischen Tag (East Berlin, GDR)</b>																			
date	08-Jun-83	time	3.98			6.66	8.42	10.22	10.22										
reaction time		interval				2.68	1.76	1.80	<b>PB</b>				# 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				
<b>FINAL - 1980 East German Spitzenklasse (Jena, GDR)</b>																			
date	17-May-80	time	4.05			6.78	8.59	10.42	10.42										
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				
<b>Schwab, Stefan (GER) (1987)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 2 - 2009 IAAF World Championships (Berlin, GER)</b>																			
date	15-Aug-09	time	2.96	3.92	4.84	6.70	8.56	10.50	10.50										
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				
<b>FINAL - 2009 ISTAF (Berlin, GER)</b>																			
date	14-Jun-09	time	2.95	3.90	4.81	6.61	8.46	10.35	10.35										
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				
<b>Schwarze, Dennis (GER) (1993)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2010 German National Youth Championships (Ulm, GER)</b>																			
date	07-Aug-10	time	3.19	4.22	5.20	7.07	9.10	11.14	11.14										
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				
<b>Scott, Evan (USA) (1988)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>A FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																			
date	20-Jul-14	time	3.93			6.65	8.46	10.32	10.32										
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				
<b>Scott, Leonard (USA) (1980)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2005 USATF National Championships (Carson, CA)</b>																			
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						
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		
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>																			
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						
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		
<b>Sebabi, Nasser (SWE) (1982)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>B FINAL - 2011 Windsprint (Sundsvall, SWE)</b>																			
date	31-Jul-11	time	4.06			6.87	8.73	10.68	10.68										
reaction time		interval				2.81	1.86	1.95	<b>PB</b>				# 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>B FINAL - 2009 Windsprint (Sundsvall, SWE)</b>																			
date	25-Jul-09	time	4.06			6.88	8.78	10.76	10.76										
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				
<b>Šebřle, Roman (CZE) (1974)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				

**Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)**

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	

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Sekiguchi, Yuta (JPN) (2004)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>FINAL - 2022 Japanese National High School Championships (Naruto, JPN)</b>											<i>Kishima (2022) - national high school championships biomechanics data collection</i>						
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	<b>PB</b>	# 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		
<b>FINAL - 2022 Japanese National High School Championships (Naruto, JPN)</b>											<i>Kishima (2022) - national high school championships biomechanics data collection</i>						
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>B FINAL - 2015 Windsprint (Sundsvall, SWE)</b>											<i>(2015) - www.windsprint/Splittider/</i>				
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)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL - 2014 Windsprint (Sundsvall, SWE)</b>											<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
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)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>											<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
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)**

	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)</b>											<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
date	17-Jun-12	time		4.11		6.92		8.78		10.69	10.69	1 / 6			
reaction time		interval				2.81		1.86		1.91		# of strides	4.11	2.81	
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)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL - 2011 Windsprint (Sundsvall, SWE)</b>											<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
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)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>B FINAL - 2010 Windsprint (Sundsvall, SWE)</b>											<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	08-Aug-10	time		4.13		7.01		8.93		10.93	10.93	1 / 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
<b>FINAL - 2008 Windsprint (Sundsvall, SWE)</b>											<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>				
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		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		
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>											<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Semi-Final 1 - 2024 Olympic Games (Paris, FRA)</b>											<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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	<b>PB</b>	# 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	11.49	10.19	47.0	7.83	11.67	11.81	

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Heat 4 - 2024 Olympic Games (Paris, FRA)</b>											<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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
<b>Para FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>											<i>Omega Timing (2023) - diamond league race analysis</i>				



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
<b>Shi Junhao (CHN) (2005)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Semi-Final 2 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																	
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
<b>Shi Yuhao (CHN) (1998)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Semi-Final 1 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																	
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
<b>FINAL - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>																	
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	<b>PB</b>	# 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
<b>Heat 2 - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>																	
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
<b>Shigetani, Daiki (JPN) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>														<i>Kobayashi (2020) - national high school and U20 national championships</i>			
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
<b>Heat 3 - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>																	
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
<b>Shikata, Makoto (JPN) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2021 Japanese High School National Championships (Fukui, JPN)</b>														<i>Shibayama (2021) - national high school and U20 national championships</i>			
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	<b>PB</b>	# 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
<b>Shimada, Kaishin (JPN) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>														<i>Kobayashi (2020) - national high school and U20 national championships</i>			
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
<b>Heat 2 - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>																	
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
<b>Shimizu, Tsuyoshi (JPN) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)</b>														<i>Matsubayashi (2018) - research on athlete performance and technique</i>			
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
<b>Shiraishi, Kirara (JPN) (1996)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 2 - 2020 Athlete Night Games (Fukui, JPN)</b>														<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>			

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											
<b>FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>														
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	<b>PB</b>	# 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											
<b>Shitara, Oga (JPN) (2001)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)</b>														<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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											
<b>Heat 1 - 2020 Japanese U20 National Championships (Hiroshima, JPN)</b>														<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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											
<b>FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)</b>														<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>														
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												
<b>Shosei, Kadoya (JPN)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 Shimane High School Championships (Izumo, JPN)</b>														<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>														
date	11-Jul-20	time		4.05			6.88			9.78	10.70	10.79	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											
<b>FINAL - 2019 Shimane High School Championships (Izumo, JPN)</b>														<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>														
date	25-May-19	time		4.07			6.97			9.80	10.82	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											
<b>FINAL - 2018 Shimane High School Championships (Izumo, JPN)</b>														<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>														
date	26-May-18	time		4.10			7.01			9.92	10.93	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											
<b>Shun, Nunomura (JPN)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2018 Shimane High School Championships (Izumo, JPN)</b>														<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>														
date	26-May-18	time		4.12			7.04			9.98	11.03	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											
<b>Sicobo, Dyland (SEY) (1997)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
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											
<b>Prelim 6 - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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											
<b>Silva, Arnaldo Oliveira (BRA) (1964)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)</b>														<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>														
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												
<b>Simbine, Akani (RSA) (1993)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Memorial van damme (Brussels, BEL)</b>														<i>Omega Timing (2024) - diamond league race analysis</i>														
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											
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>														<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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	<b>NR PB</b>	# 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
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>Heat 6 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>FINAL - 2024 London Athletics Meet (London, GBR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>FINAL - 2022 Weltklasse (Zürich, SUI)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	08-Sep-22	time	2.97	4.81	6.56	8.30	10.07	10.07	10.07	10.07	10.07	10.07	10.07	3 / 4			
reaction time	0.142	interval	1.84	1.75	1.74	1.77	1.77	1.77	1.77	1.77	1.77	1.77	# of strides	47.0			
wind	-0.3 m/s	velocity	6.73	10.87	11.43	11.49	11.30	9.93	9.93	9.93	9.93	9.93	9.93	47.0			
<b>FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	06-Aug-22	time	2.99	4.88	6.65	8.41	10.21	10.21	10.21	10.21	10.21	10.21	10.21	7 / 8			
reaction time	0.120	interval	1.89	1.77	1.76	1.80	1.80	1.80	1.80	1.80	1.80	1.80	# of strides	47.2			
wind	-0.7 m/s	velocity	6.69	10.58	11.30	11.36	11.11	9.79	9.79	9.79	9.79	9.79	9.79	47.2			
<b>FINAL - 2022 Commonwealth Games (Birmingham, GBR)</b>													<i>Longines Timing (2022) - commonwealth games race analysis</i>				
date	03-Aug-22	time	2.9	4.8	6.6	8.2	10.13	10.13	10.13	10.13	10.13	10.13	10.13	4 / 2			
reaction time	interval	1.90	1.80	1.60	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	# of strides	48.7			
wind	-0.9 m/s	velocity	6.90	10.53	11.11	12.50	10.36	9.87	9.87	9.87	9.87	9.87	9.87	48.7			
<b>Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)</b>													<i>Longines Timing (2022) - commonwealth games race analysis</i>				
date	03-Aug-22	time	2.9	4.8	6.5	8.3	10.07	10.07	10.07	10.07	10.07	10.07	10.07	4 / 1			
reaction time	0.141	interval	1.90	1.70	1.80	1.77	1.77	1.77	1.77	1.77	1.77	1.77	# of strides	47.0			
wind	-0.2 m/s	velocity	6.90	10.53	11.76	11.11	11.30	9.93	9.93	9.93	9.93	9.93	9.93	47.0			
<b>FINAL - 2022 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	30-Jun-22	time	3.02	4.86	6.59	8.30	10.02	10.02	10.02	10.02	10.02	10.02	10.02	5 / 1			
reaction time	0.157	interval	1.84	1.73	1.71	1.72	1.72	1.72	1.72	1.72	1.72	1.72	# of strides	47.0			
wind	-0.5 m/s	velocity	6.62	10.87	11.56	11.70	11.63	9.98	9.98	9.98	9.98	9.98	9.98	47.0			
<b>FINAL - 2022 Bislett Games (Oslo, NOR)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	16-Jun-22	time	2.96	4.81	6.57	8.32	10.09	10.09	10.09	10.09	10.09	10.09	10.09	4 / 3			
reaction time	0.136	interval	1.85	1.76	1.75	1.77	1.77	1.77	1.77	1.77	1.77	1.77	# of strides	48.0			
wind	0.5 m/s	velocity	6.76	10.81	11.36	11.43	11.30	9.91	9.91	9.91	9.91	9.91	9.91	48.0			
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	09-Sep-21	time	3.0	4.9	6.6	8.3	10.10	10.10	10.10	10.10	10.10	10.10	10.10	8 / 5			
reaction time	0.113	interval	1.90	1.70	1.70	1.80	1.80	1.80	1.80	1.80	1.80	1.80	# of strides	48.0			
wind	-0.4 m/s	velocity	6.67	10.53	11.76	11.76	11.11	9.90	9.90	9.90	9.90	9.90	9.90	48.0			
<b>FINAL - 2021 Memorial van Damme (Brussels, BEL)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	03-Sep-21	time	3.0	4.9	6.7	8.4	10.18	10.18	10.18	10.18	10.18	10.18	10.18	4 / 6			
reaction time	0.150	interval	1.90	1.80	1.70	1.78	1.78	1.78	1.78	1.78	1.78	1.78	# of strides	48.0			
wind	0.1 m/s	velocity	6.67	10.53	11.11	11.76	11.24	9.82	9.82	9.82	9.82	9.82	9.82	48.0			

**FINAL - 2021 Prefontaine Classic (Eugene, OR)**

date	21-Aug-21	time	3.0	4.8	6.6	8.3	9.95	9.95	4 / 7	<i>Omega Timing (2021) - diamond league race analysis</i>
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)**

date	01-Aug-21	time	3.88	6.50	8.20	9.93	9.93	2 / 4	<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>
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)**

date	01-Aug-21	time	3.86	6.46	8.16	9.90	9.90	7 / 4	<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>
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'Athlétisme (Monaco, MON)**

date	09-Jul-21	time	3.0	4.8	6.6	8.3	9.98	9.98	4 / 2	<i>Omega Timing (2021) - diamond league race analysis</i>
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)**

date	10-Jun-21	time	3.0	4.9	6.6	8.3	10.08	10.08	5 / 1	<i>Omega Timing (2021) - diamond league race analysis</i>
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)**

date	17-Sep-20	time	3.0	4.8	6.5	8.2	9.96	9.96	5 / 1	<i>Omega Timing (2020) - diamond league race analysis</i>
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)**

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	<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>
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)**

date	29-Aug-19	time	3.0	4.9	6.6	8.4	10.10	10.10	5 / 5	<i>Omega Timing (2019) - diamond league race analysis</i>
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)**

date	18-Aug-19	time	3.1	4.9	6.7	8.4	10.15	10.15	2 / 7	<i>Omega Timing (2019) - diamond league race analysis</i>
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)**

date	18-Aug-19	time	3.0	4.9	6.6	8.4	10.15	10.15	5 / 4	<i>Omega Timing (2019) - diamond league race analysis</i>
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	48.0	

**FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)**

date	12-Jul-19	time		5.7			10.04	10.04	2 / 4	<i>Omega Timing (2019) - diamond league race analysis</i>
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)**

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	<i>Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final</i>
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)**

		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)</b>																
date	19-Aug-09	time	3.17		5.16		7.11		9.04		11.05	11.05	5 / 6	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>		
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)**

		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Prelim 5 - 2024 Olympic Games (Paris, FRA)</b>																
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	<i>Paris 2024 Olympic Games - Results Book (2024)</i>	
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



	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Sivle, Per Ivar (NOR) (1970)</b>															
<b>FINAL - 1994 (Tønsberg, NOR)</b>															
date	20-Jul-94	time	4.13			7.02		8.90		10.85	10.85	8 / 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	
<b>Skancke, Per (NOR) (1992)</b>															
<b>F FINAL - 2013 Windsprint (Sundsvall, SWE)</b>															
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	
<b>Skeppstedt, Martin (SWE) (1982)</b>															
<b>D FINAL - 2007 Windsprint (Sundsvall, SWE)</b>															
date	24-Jul-07	time	4.33			7.41		9.50		11.71	11.71	1 / 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	
<b>Skoglund, Björn (SWE) (1991)</b>															
<b>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>															
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	
<b>E FINAL - 2011 Windsprint (Sundsvall, SWE)</b>															
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	
<b>D FINAL - 2007 Windsprint (Sundsvall, SWE)</b>															
date	24-Jul-07	time	4.28			7.29		9.29		11.38	11.38	1 / 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	
<b>Skotheim, Sander (NOR) (2002)</b>															
<b>Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)</b>															
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
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
<b>Slaviček, Lukáš (CZE) (1997)</b>															
<b>Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>															
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			# of strides		
wind	-2.7 m/s	velocity	6.15			9.35		9.52		9.66	9.17	8.52			
<b>Smirnov, Aleksandr (RUS) (1974)</b>															
<b>B FINAL 1 - 2001 European Cup (Bremen, GER)</b>															
date	23-Jun-01	time	3.08	4.05	4.97	6.82		8.67		10.62	10.62	1 / 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	
<b>Smith, Calvin (USA) (1961)</b>															
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b>															
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
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
<b>Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)</b>															
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
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
<b>FINAL - 1983 IAAF World Championships (Helsinki, FIN)</b>															
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			# 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
<b>FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR)</b>															
date	09-Jul-82	time	3.90			6.46		8.16		9.91	9.91	1 / 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										
<b>Smith, Devon (USA) (1991)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>													<i>USATF Women's Sprint Development with HPC (2008)</i>							
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		interval		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			
<b>Smith, Paul (USA) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)</b>													<i>USATF Women's Sprint Development (2003)</i>							
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		interval		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			
<b>Smith, Tremaine (USA) (1986)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>													<i>USATF Women's Sprint Development (2005)</i>							
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		interval		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			
<b>Smoots, Jason (USA) (1980)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2006 USATF National Championships (Indianapolis, IN)</b>													<i>USATF Women's Sprint Development (2006)</i>							
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 / <del>5</del> 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		
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b>													<i>USATF Women's Sprint Development (2006)</i>							
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		
<b>Snyders, Antoine (BEL) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>							
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			
<b>National - Heat 1 - 2023 FBK Games (Hengelo, NED)</b>													<i>Omega Timing (2023) - continental tour race analysis</i>							
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			
<b>Sobotka, Ondrej (CZE) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)</b>													<i>Fehér (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>							
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							
<b>Söderqvist, Per-Erik (SWE) (1987)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>E FINAL - 2011 Windsprint (Sundsvall, SWE)</b>													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>							
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				
<b>D FINAL - 2007 Windsprint (Sundsvall, SWE)</b>													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>							
date	24-Jul-07	time			4.40			7.49		9.54		11.65	11.65	1 / 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				
<b>Solberg, Mats (NOR) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>D FINAL - 2009 Windsprint (Sundsvall, SWE)</b>													<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>							
date	25-Jul-09	time			4.51			7.80		9.97		12.27	12.27	1 / 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				
<b>Someya, Yoshihiro (JPN) (1998)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>			
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>							
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				
<b>FINAL - 2015 Japanese High School Championships (Wakayama, JPN)</b>													<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>							



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		
<b>Song Xinlong (CHN) (2000)</b>																	
<b>Heat 11 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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
<b>Heat 16 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																	
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
<b>Heat 6 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																	
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
<b>Heat 10 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>																	
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	
<b>Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	
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
<b>Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																	
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
<b>Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>																	
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
<b>Semi-Final 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																	
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
<b>Heat 5 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																	
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
<b>Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>																	
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	
<b>Heat 5 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>																	
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	
<b>Heat 19 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>																	
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						# 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	
<b>FINAL - 2022 Shandong Athletics Games (Rizhao, CHN)</b>																	
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
<b>Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN)</b>																	
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	
<b>Song Yunshuai (CHN) (2004)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>		
<b>Heat 8 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																		
<i>Shandong Athletics Sport Science (2024)</i>																		
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
<b>Heat 7 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>																		
<i>Shandong Athletics Sport Science (2024)</i>																		
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
<b>Heat 10 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>																		
<i>Shandong Athletics Sport Science (2024)</i>																		
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
<b>Sosui, Mizukubo (JPN) (1999)</b>																		
<b>FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>																		
<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																		
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		
<b>Spearmon, Wallace (USA) (1984)</b>																		
<b>Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
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		interval		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
<b>Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
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		interval		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
<b>Heat 3 - 2008 USA Olympic Trials (Eugene, OR)</b>																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
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		interval		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	
<b>Spier, Virgil (NED) (1981)</b>																		
<b>C FINAL - 2009 ISTAF (Berlin, GER)</b>																		
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
date	14-Jun-09	time		3.19	4.20	5.16		7.01		8.90		10.79	10.79		1 / 9			
reaction time	0.202	interval			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		
<b>Spiering, Timo (NED) (2004)</b>																		
<b>National FINAL - 2024 FBK Games (Hengelo, NED)</b>																		
<i>Omega Timing (2024) - diamond league race analysis</i>																		
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	interval		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	
<b>Šprna, Dominik (CZE) (1998)</b>																		
<b>Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>																		
<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>																		
date	28-Jun-14	time		3.21		5.34		7.43		9.58		11.85	11.85		5 / 7			
reaction time	0.147	interval				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					
<b>Štastny, Lukáš (CZE) (1991)</b>																		
<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
date	25-Feb-12	time	1.95	3.06	4.04	4.97	5.90	6.82				6.82	6.82		7 / 4			
reaction time	0.131	interval		1.11	0.98	0.93	0.93	0.92				<b>PB</b>		# 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		
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
date	25-Feb-12	time	1.97	3.08	4.08	4.99	5.92	6.85				6.85	6.85		5 / 3			
reaction time	0.146	interval		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		
<b>Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
date	25-Feb-12	time	1.99	3.11	4.07	5.02	5.97	6.93				6.93	6.93		4 / 1			



reaction time	0.150	interval	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								7.37	10.49

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m																			
<b>Stejskal, Jan (CZE) (1995)</b>																																			
<b>Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>																																			
date		28-Jun-14		time		3.32		5.44		7.52		9.66		11.84		11.84		1 / 6																	
reaction time		0.194		interval		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																			
<b>Stevens, Kendall (USA) (1983)</b>																																			
<b>Heat 2 - 2009 Meeting Pas de Calais (Lieviv, FRA)</b>																																			
date		10-Feb-09		time		3.98		5.86		6.78		6.78		4 / 7																					
reaction time		0.159		interval		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																	
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>																																			
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		interval		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		7.65		11.36		11.41			
<b>Heat 1 - 2008 USA Olympic Trials (Eugene, OR)</b>																																			
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			
<b>Stewart, Raymond (JAM) (1965)</b>																																			
<b>FINAL - 1993 IAAF World Championships (Stuttgart, GER)</b>																																			
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															
<b>FINAL - 1992 Olympic Games (Barcelona, ESP)</b>																																			
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		46.2																			
wind		0.5 m/s		velocity		6.78		10.93		11.24		11.11		10.75		9.78		46.2																	
<b>FINAL - 1991 IAAF World Championships (Tokyo, JPN)</b>																																			
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	
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b>																																			
date		24-Sep-88		time		1.88		2.95		3.92		4.84		5.71		6.65		7.26		8.26		9.26		10.26		12.26		12.26		2 / 7					
reaction time		0.159		interval		1.07		0.97		0.92		0.87		0.94		0.94		5.61		5.61		5.61		5.61		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		8.16		8.16		8.16		7.65		10.99					
<b>Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)</b>																																			
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			
<b>FINAL - 1987 IAAF World Championships (Rome, ITA)</b>																																			
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 / 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	
<b>Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)</b>																																			
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		0.88		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	
<b>Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA)</b>																																			
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		0.87		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	
<b>Heat 1 - 1987 IAAF World Championships (Rome, ITA)</b>																																			
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	
<b>Stinski, Timo (GER) (1992)</b>																																			





<b>FINAL - 2020 Olympic Games (Tokyo, JPN)</b>														<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>					
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			
<b>Semi-Final 3 - 2020 Olympic Games (Tokyo, JPN)</b>														<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>					
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			
<b>Heat 4 - 2019 IAAF World Championships (Doha, QAT)</b>														<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>					
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		
<b>Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)</b>														<i>Omega Timing (2019) - diamond league race analysis</i>					
date	18-Aug-19	time		3.1		4.9		6.7		8.5		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					
<b>FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)</b>														<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>					
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		
<b>FINAL - 2018 Asian Games (Jakarta, INA)</b>														<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>					
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		
<b>FINAL - 2017 Chinese National Games (Tianjin, CHN)</b>														<i>Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games</i>					
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		
<b>Heat 4 - 2017 IAAF World Championships (London, GBR)</b>														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
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		
<b>FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)</b>														<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>					
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		
<b>Su Jianqing (CHN) (2000)</b>																			
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>					
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		
<b>Suárez, Leonel (CUB) (1987)</b>																			
<b>Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	19-Aug-09	time		3.10		5.10		7.07		9.06		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					
<b>Suda, Hayato (JPN) (1994)</b>																			
<b>FINAL - 2017 Japanese National Sports Festival (Matsuyama, JPN)</b>														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
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	1 / 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		
<b>FINAL - 2012 Japanese National High School Championships (Niigata, JPN)</b>														<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>					
date	30-Jul-12	time				5.85		6.76		7.69		8.66		8 / 9					
reaction time		interval						0.91		0.93		0.97		# of strides			2.89		
wind	0.0 m/s	velocity				8.55		10.99		10.75		10.31		9.71			10.38		
<b>Sudo, Hiroyuki (JPN)</b>																			
<b>FINAL - 2022 Shimane High School Championships (Izumo, JPN)</b>														<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>					
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 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 interval 0.175 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 interval 0.174 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 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 interval 0.152 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)**

date	25-Feb-12	time	1.97	3.11	4.10	5.06	6.01	6.97										
reaction time	0.153	interval		1.14	0.99	0.96	0.95	0.96										
		velocity	5.08	8.77	10.10	10.42	10.53	10.42										

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

6.97	2 / 4																	
8.61	# of strides	4.10	2.87															
		7.32	10.45															

**Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	1.98	3.10	4.11	5.07	6.05	7.02										
reaction time	0.161	interval		1.12	1.01	0.96	0.98	0.97										
		velocity	5.05	8.93	9.90	10.42	10.20	10.31										

*Feher (2012) - Czech Republic indoor national championships - men's 60m*

7.02	6 / 3																	
8.55	# of strides	4.11	2.91															
		7.30	10.31															

**C FINAL - 2009 ISTAF (Berlin, GER)**

date	14-Jun-09	time		3.11	4.11	5.05		6.91	8.81	10.68	10.68							
reaction time	0.167	interval			1.00	0.94		1.86	1.90	1.87								
wind	1.5 m/s	velocity		6.43	10.00	10.64		10.75	10.53	10.70	9.36							

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

	/ 5																	
	# of strides	4.11	2.80															
		7.30	10.71															

**Šulc, Vojtech (CZE) (1986)**

<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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			<b>PB</b>	# 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	

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

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			8.75	# of strides	4.07	2.79	
		velocity	5.08	8.93	10.20	10.75	10.87	10.64					7.37	10.75	

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

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			8.71	# of strides	4.08	2.81	
		velocity	5.05	8.93	10.20	10.87	10.75	10.42					7.35	10.68	

*Feher (2012) - Czech Republic indoor national championships - men's 60m***Sulusi-Sjö, Brian (SWE) (1977)**

<b>B FINAL - 2007 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	24-Jul-07	time			4.15		7.00	8.92	10.91	10.91	10.91	/ 1			
reaction time		interval					2.85	1.92	1.99	<b>PB</b>	# 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	

*(2007) - www.ssg.se/en/Windsprint/Split-times/***Sun Qingchi (CHN) (2000)**

<b>Semi-Final 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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
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

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

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
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

*Shandong Athletics Sport Science (2023)***Sundqvist, Johan (SWE) (1997)**

<b>G FINAL - 2014 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	20-Jul-14	time			4.47		7.62	9.76	11.95	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	

*(2014) - www.ssg.se/windsprint/Splittider/***Sundvall, Hjalmar (SWE) (1994)**

<b>F FINAL - 2014 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	20-Jul-14	time			4.18		7.12		11.11	11.11	11.11	5 / 1			
reaction time		interval					2.94		3.99	<b>PB</b>	# of strides	4.18	2.94		
wind	1.5 m/s	velocity			7.18		10.20		10.03	9.00			7.18	10.20	

*(2014) - www.ssg.se/windsprint/Splittider/***Sunneborn, Mattias (SWE) (1970)**

<b>B FINAL - 2007 Windsprint (Sundsvall, SWE)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
date	24-Jul-07	time			4.23		7.15	9.08	11.13	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	

*(2007) - www.ssg.se/en/Windsprint/Split-times/***Suo Gaofei (CHN) (2001)**

<b>FINAL - 2024 Chinese National Championships (Quzhou, CHN)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
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
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

*Shandong Athletics Sport Science (2024)*

**Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)**

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
reaction time	0.164	interval		1.05	0.96	0.92	0.89	0.87	0.87	0.89	0.90	0.90	
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

Shandong Athletics Sport Science (2024)

	6 / 2			
# of strides	4.00	2.68	2.66	
	46.0	7.50	11.19	11.28

**FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)**

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
reaction time	0.193	interval		1.05	0.96	0.89	0.89	0.90	0.86	0.89	0.93	0.93	
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

Shandong Athletics Sport Science (2024)

	6 / 3			
# of strides	4.02	2.68	2.68	
	46.2	7.46	11.19	11.19

**Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)**

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
reaction time	0.151	interval		1.03	0.96	0.89	0.88	0.89	0.87	0.88	0.90	0.93	
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

Shandong Athletics Sport Science (2024)

	7 / 1			
# of strides	3.95	2.66	2.65	
	46.5	7.59	11.28	11.32

**A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)**

date	27-Feb-24	time		2.98	4.02	4.94	5.83	6.71					6.71
reaction time		interval			1.04	0.92	0.89	0.88					PB
		velocity		6.71	9.62	10.87	11.24	11.36					8.94

Shandong Athletics Sport Science (2024)

	6 / 4			
# of strides	4.02	2.69		
	29.0	7.46	11.15	

**FINAL - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)**

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
reaction time	0.170	interval		1.03	0.93	0.90	0.89	0.87	0.88	0.90	0.90	0.95	PB
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

Shandong Athletics Sport Science (2023)

	9 / 5			
# of strides	3.98	2.66	2.68	
	46.0	7.54	11.28	11.19

**Heat 3 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)**

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
reaction time	0.172	interval		1.05	0.95	0.89	0.90	0.88	0.88	0.90	0.92	0.96	
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

Shandong Athletics Sport Science (2023)

	2 / 3			
# of strides	4.02	2.67	2.70	
	46.0	7.46	11.24	11.11

**FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)**

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
reaction time	0.170	interval		1.06	0.96	0.90	0.90	0.88	0.90	0.90	0.92	0.95	
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

Shandong Athletics Sport Science (2023)

	8 / 3			
# of strides	4.04	2.68	2.72	
	46.2	7.43	11.19	11.03

**Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)**

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
reaction time	0.201	interval		1.07	0.94	0.91	0.89	0.88	0.89	0.90	0.90	0.94	
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

Shandong Athletics Sport Science (2023)

	6 / 2			
# of strides	4.10	2.68	2.69	
	46.0	7.32	11.19	11.15

**Heat 6 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)**

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
reaction time	0.247	interval		1.08	0.97	0.92	0.91	0.89	0.91	0.91	0.92	1.01	
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

Shandong Athletics Sport Science (2023)

	7 / 1			
# of strides	4.05	2.72	2.74	
	46.0	7.41	11.03	10.95

**FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)**

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
reaction time	0.238	interval		1.06		1.86	0.91	0.87	0.91	0.89	0.96	0.94	
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

Shandong Athletics Sport Science (2023)

	1 / 6			
# of strides			2.76	
	46.2		10.87	

**Heat 12 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)**

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
reaction time		interval		1.06	0.98	0.90	0.88	0.90	0.91	0.91	0.94	0.97	
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

Shandong Athletics Sport Science (2023)

	5 / 1			
# of strides	4.13	2.68	2.76	
	46.5	7.26	11.19	10.87

**FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)**

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
reaction time	0.132	interval		1.06	0.96	0.90	0.90	0.88	0.88	0.87	0.93	0.93	
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

Shandong Athletics Sport Science (2023)

	6 / 1			
# of strides	4.12	2.68	2.68	
	46.5	7.28	11.19	11.19

**Semi-Final 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)**

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
reaction time	0.184	interval		1.08	0.96	0.90	0.90	0.90	0.91	0.90	0.92	0.97	
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

Shandong Athletics Sport Science (2023)

	6 / 1			
# of strides	4.09	2.70	2.73	
	46.2	7.33	11.11	10.99

**Heat 6 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)**

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
reaction time	0.176	interval		1.08	0.99	0.92	0.93	0.94	0.91	0.92	0.95	0.97	
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

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	7 / 1			
# of strides	4.10	2.79	2.78	
	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	44.2		
wind	0.5 m/s	velocity		6.92		10.93		11.24		11.24		11.17	9.91				

**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

**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	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	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 &amp; 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
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	4.13 2.92 2.97 7.26 10.27 10.10

**Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)**

Feher (2014) - Final report from the U18 &amp; 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 &amp; 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	0.96	0.97	=PB		# of strides
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	3.96 2.79 2.82 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\\_kerji/status/1405866149754019845?s=21](https://twitter.com/miyashiro_kerji/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	0.88	0.90	0.92	PB		# of strides
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	3.81 2.63 2.65 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
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	3.87 2.71 2.78 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	1 / 4
reaction time		interval		1.06	0.95	0.91	0.89	0.88	0.89	0.90	0.92	0.94		# of strides
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	3.88 2.68 2.71 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 / 1
reaction time		interval		1.07	0.95	0.91	0.89	0.88	0.89	0.90	0.91	0.94		# of strides
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	3.86 2.68 2.70 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
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	3.85 2.64 2.69 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
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	3.87 2.68 2.72 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
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	3.89 2.71 2.76 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	1 / 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
<b>Taftian, Hassan (IRI) (1993)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 5 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
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
<b>FINAL - 2022 Meeting de Paris (Paris, FRA)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
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				
<b>Taka, Shohei (JPN) (2002)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
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
<b>Heat 4 - 2020 Japanese High School National Championships (Hiroshima, JPN)</b>													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
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
<b>Race 1 - 2020 World Athletics Trials (Fuji, JPN)</b>													<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>				
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	<b>-PB</b>	# 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
<b>Takahashi, Yu (JPN) (1995)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2013 Japanese National High School Championships (Oita, JPN)</b>													<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>				
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	<b>PB</b>	# 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
<b>Takahira, Shinji (JPN) (1984)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>													<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>				
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	<b>2.3 m/s</b>	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
<b>Race C - 2014 Izumo Athletics Games (Izumo, JPN)</b>													<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>				
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
<b>Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)</b>													<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>				
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
<b>Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN)</b>													<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>				
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
<b>FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)</b>													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>				
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
<b>FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)</b>													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>				
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
<b>Heat 2 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)</b>													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>				
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	0.92	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
<b>FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)</b>													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>				

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
<b>Heat 3 - 2008 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>														
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	<b>PB</b>	# 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
<b>FINAL - 2006 Seiko Super Grand Prix (Yokohama, JPN)</b>			<i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>														
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
<b>Takano, Shota (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2021 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>														
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
<b>Takase, Kei (JPN) (1988)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2017 Fuse Sprint (Fuse, JPN)</b>			<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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
<b>FINAL - 2016 Fuse Sprint (Tottori, JPN)</b>			<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>														
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
<b>FINAL - 2015 Japanese National Championships (Niigata, JPN)</b>			<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>														
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
<b>Heat 1 - 2015 Japanese National Championships (Niigata, JPN)</b>			<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>														
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
<b>FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)</b>			<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>														
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	<b>PB</b>	# 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
<b>A FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>														
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	<b>PB</b>	# 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
<b>Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>														
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
<b>FINAL - 2014 Izumo Athletics Games (Izumo, JPN)</b>			<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>														
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
<b>Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>														
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	<b>PB</b>	# 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
<b>Takeda, Ippei (JPN) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 Japanese National Championships (Niigata, JPN)</b>			<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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	<b>PB</b>	# 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	

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Tanaka, Kentaro (JPN) (2002)</b>																	
<b>FINAL - 2019 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>														
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
<b>Tanaka, Yuji (JPN)</b>																	
<b>FINAL - 2022 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>														
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
<b>Tang Cheng (CHN) (2001)</b>																	
<b>Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>Tang Xingqiang (CHN) (1995)</b>																	
<b>FINAL - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>Heat 3 - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>Heat 9 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>			<i>Shandong Athletics Sport Science (2023)</i>														
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
<b>Tärnhuvud, Stefan (SWE) (1985)</b>																	
<b>Heat 1 - 2016 Windsprint (Sundsvall, SWE)</b>			<i>(2016) - www.windsprint/Splittider/</i>														
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>B FINAL - 2014 Windsprint (Sundsvall, SWE)</b>			<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
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>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>			<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
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	
<b>Heat 8 - 2013 Windsprint (Sundsvall, SWE)</b>			<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
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	
<b>Semi-Final 1 - 2013 European Indoor Championships (Göteborg, SWE)</b>			<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>														
date	02-Mar-13	time		2.98	4.86			6.67					6.67	8 / 6			
reaction time	0.145	interval			1.88			1.81					<b>PB</b>	# of strides			
		velocity		6.71	10.64			11.05					9.00	31.0			
<b>FINAL - 2012 Windsprint (Sundsvall, SWE)</b>			<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>														



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)**

date	31-Jul-11	time	3.98	6.67	8.46	10.33	10.33	(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	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)**

date	08-Aug-10	time	4.04	6.81	8.66	10.58	10.58	(2010) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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)**

date	25-Jul-09	time	4.00	6.75	8.55	10.46	10.46	(2009) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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)**

date	06-Jul-08	time	4.01	6.77	8.60	10.48	10.48	(2008) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	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

**FINAL - 2007 Windsprint (Sundsvall, SWE)**

date	24-Jul-07	time	4.11	6.91	8.77	10.69	10.69	(2007) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>																	
<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																	
date	04-Oct-19	time	4.21		6.21							11.18	11.18	6 / 6			
reaction time		interval	0.182		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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)</b>																	
<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>																	
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	<b>PB</b>	# 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

**Tau, Shun (JPN) (1997)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championships (Akita, JPN)</b>																	
<i>Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season</i>																	
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)**

<i>Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season</i>																	
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		interval	0.155	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 Championships (Akita, JPN)**

<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>																	
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)**

<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>																	
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		interval	0.130	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)**

<i>Matsubayashi (2020) - research on athlete performance and technique- 2020 data book</i>																	
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1972 Olympic Games (Munich, FRG)</b>																	
<i>Breizer (1984) - sprint competition analysis</i>																	
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

<b>Tebogo, Letsile (BOT) (2003)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)</b>												<i>Omega Timing (2024) - diamond league race analysis</i>					
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	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
<b>FINAL - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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	0.84	0.85	0.88	<b>NR PB</b>	# 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
<b>Semi-Final 2 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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	0.86	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
<b>Heat 8 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>FINAL - 2024 London Athletics Meet (London, GBR)</b>												<i>Omega Timing (2024) - diamond league race analysis</i>					
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	<b>=NR =PB</b>	# 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
<b>FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>FINAL - 2023 Meeting de Paris (Paris, FRA)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
<b>FINAL - 2022 Prefontaine Classic (Eugene, OR)</b>												<i>Omega Timing (2022) - diamond league race analysis</i>					
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				
<b>Terasawa, Daichi (JPN) (2003)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
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			
<b>Terasawa, Daiti (JPN) (2003)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>FINAL - 2021 Japanese High School National Championships (Fukui, JPN)</b>												<i>Shibayama (2021) - national high school and U20 national championships</i>					
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	
<b>Tewa, Waisake (FIJ) (2003)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Prelim 6 - 2024 Olympic Games (Paris, FRA)</b>												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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
<b>Theodoridis, Yeóryios (GRE) (1972)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Semi-Final 2 - 2002 European Championships (Munich, GER)</b>												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					



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/](http://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](http://commonwealthgamesraceanalysis.com)

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) - [geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazzyklus 73/76](http://geschwindigkeitsdynamik.de)

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](http://commonwealthgamesraceanalysis.com)

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 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic Games - [Results Book \(2024\)](http://resultsbook.com)

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
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

**Semi-Final 3 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic Games - [Results Book \(2024\)](http://resultsbook.com)

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
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

**Heat 1 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic Games - [Results Book \(2024\)](http://resultsbook.com)

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
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

**FINAL - 2023 Prefontaine Classic (Eugene, OR)**Omega Timing (2023) - [diamond league race analysis](http://diamondleague.com)

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
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

**FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)**Omega Timing (2023) - [diamond league race analysis](http://diamondleague.com)

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
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

**FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)**Omega Timing (2023) - [diamond league race analysis](http://diamondleague.com)

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
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

**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](http://biomechanicalanalysis.com)

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		
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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	12.24	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	
<b>FINAL - 2009 IAAF World Championships (Berlin, GER)</b>												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)**

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)**

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)**

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)**

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	<b>PB</b>		# 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		
<b>National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>												<i>Omega Timing (2023) - diamond league race analysis</i>					
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)**

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)**

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	
<b>D FINAL - 2017 Windsprint (Sundsvall, SWE)</b>												<i>(2017) - www.windsprint/Splittider/</i>				
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>B FINAL - 2017 Windsprint (Sundsvall, SWE)</b>												<i>(2017) - www.windsprint/Splittider/</i>				
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)**

date	31-Jul-16	time		4.20		7.10				11.06	11.06		1 / 8			
reaction time		interval				2.90				3.96	<b>PB</b>			# 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)**

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)**

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)**

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	

(2011) - [www.ssg.se/en/Windsprint/Split-times/](http://www.ssg.se/en/Windsprint/Split-times/)**E FINAL - 2010 Windsprint (Sundsvall, SWE)**

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	

(2010) - [www.ssg.se/en/Windsprint/Split-times/](http://www.ssg.se/en/Windsprint/Split-times/)**Thorshaug, Erik (SWE) (1987)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>E FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	
(2014) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>																	
date	20-Jul-14	time	4.17		7.06		8.94		10.88		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)**

date	28-Jul-13	time	4.14		7.02		8.92		10.84		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	

(2013) - [www.ssg.se/windsprint/Splittider/](http://www.ssg.se/windsprint/Splittider/)**Tian Junhao (CHN) (2000)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)</b>																		
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)**

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

Shandong Athletics Sport Science (2024)

**Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)**

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	<b>PB</b>		# 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

Shandong Athletics Sport Science (2023)

**Tilga, Karel (EST) (1998)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)</b>																		
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>D FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																	
(2015) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>																	
date	26-Jul-15	time	4.21		7.05		8.96		10.91		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	

**Tømmervik, Sindre (NOR) (1997)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 3 - 2016 Windsprint (Sundsvall, SWE)</b>																	
(2016) - <a href="http://www.windsprint/Splittider/">www.windsprint/Splittider/</a>																	
date	31-Jul-16	time	4.53		7.72		12.04		12.04		12.04		12.04	7 / 7			
reaction time		interval			3.19		4.32		4.32					# of strides	4.53	3.19	
wind	1.5 m/s	velocity	6.62		9.40		9.26		8.31		9.26				6.62	9.40	

**G FINAL - 2014 Windsprint (Sundsvall, SWE)**

date	20-Jul-14	time	4.60		7.84		10.01		12.25		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	

(2014) - [www.ssg.se/windsprint/Splittider/](http://www.ssg.se/windsprint/Splittider/)**Torrieri, Marco (ITA) (1978)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2001 European Cup (Bremen, GER)</b>																	
Graubner (2007) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																	
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)**

			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)</b>																	
Omega Timing (2021) - <a href="http://diamond.league.race.analysis">diamond.league.race.analysis</a>																	
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
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

**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
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**FINAL - 2023 Japanese National High School Championships (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
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	4.14

**Toumadji, Herve (CAF) (1994)**

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

**Touray, Ousman (NOR) (1995)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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**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
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**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
wind	1.0 m/s	velocity		7.54		11.11		11.17		10.87	9.70	

**Tsubasa, Suzuki (JPN) (2003)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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**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
wind	-1.1 m/s	velocity		7.30		3.31				10.20	9.13	

**Tsukagichi, Teppei (JPN) (2001)**

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

**Tsukahara, Naoki (JPN) (1985)**

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



<b>FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>			
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
<b>Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Matsuo (2015) - 2015 men's &amp; women's 100m race analysis</i>			
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
<b>Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>			
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
<b>Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN)</b>														<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>			
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
<b>Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>			
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	0.91	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
<b>FINAL - 2010 East Japan Corporate Championships (Kumagaya, JPN)</b>														<i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>			
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	
<b>FINAL - 2010 Osaka Grand Prix (Osaka, JPN)</b>														<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>			
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
<b>Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
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	
<b>Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter</i>			
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	
<b>Heat 12 - 2009 IAAF World Championships (Berlin, GER)</b>														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
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		
<b>Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)</b>														<i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>			
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	
<b>Heat 1 - 2009 Japanese National Championships (Hiroshima, JPN)</b>														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>			
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	<b>PB</b>	# 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
<b>FINAL - 2009 Osaka Grand Prix (Osaka, JPN)</b>														<i>Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance</i>			
date	09-May-09	time			3.93			6.57				10.13	10.13	/ 1			
reaction time		interval						2.64				3.56	<b>PB</b>	# 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	
<b>Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN)</b>														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>			
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	
<b>FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)</b>														<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>			
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	0.90	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	<b>PB</b>	# 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	<b>PB</b>	# 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



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Tumi, Michael (ITA) (1990)</b>																	
<b>FINAL</b> - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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			
<b>Ueno, Masahide (JPN) (1983)</b>																	
<b>A FINAL</b> - 2008 Osaka Grand Prix (Osaka, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>					
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
<b>FINAL</b> - 2007 Japanese National Championships (Osaka, JPN)												<i>Akirabun (2008) - 2007 speed analysis of the men's &amp; women's 100m, 100m hurdles, &amp; 110m hurdles</i>					
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
<b>Ujah, Chijindu (GBR) (1994)</b>																	
<b>National FINAL</b> - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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
<b>FINAL</b> - 2021 Müller British Grand Prix (Gateshead, GBR)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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			
<b>FINAL</b> - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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			
<b>FINAL</b> - 2021 Golden Gala Pietro Mennea (Florence, ITA)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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			
<b>Semi-Final 3</b> - 2017 IAAF World Championships (London, GBR)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
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
<b>Ujhelyi, Michal (CZE) (1995)</b>																	
<b>Heat 2</b> - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>					
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	
wind		velocity	4.74	8.47	9.35	9.62	9.90	9.71				8.06			6.88	9.74	
<b>Ulianov, Vitalii (EST) (1987)</b>																	
<b>FINAL</b> - 2006 Estonian National Championships (Tallinn, EST)												<i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>					
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	
<b>Unger, Tobias (GER) (1979)</b>																	
<b>Heat 5</b> - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
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	
<b>FINAL</b> - 2008 German National Championships (Nurnberg, GER)												<i>Seeger (2010) - DLV B-Trainer Ausbildung - sprint</i>					
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	
<b>Uno, Daichi (JPN) (2000)</b>																	
<b>FINAL</b> - 2017 Japanese High School Championships (Yamagata, JPN)												<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>					
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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Uozato, Yusuke (JPN) (1994)</b>																	
<b>FINAL - 2012 Japanese National High School Championships (Niigata, JPN)</b>			<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
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
<b>Urbánek, Petr (CZE) (1998)</b>																	
<b>Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>			<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>														
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				
<b>Urena, Jorge (ESP) (1993)</b>																	
<b>Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)</b>			<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
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
<b>Ushiro, Keisuke (JPN) (1986)</b>																	
<b>Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championships (Akita, JPN)</b>			<i>Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season</i>														
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
<b>Decathlon - Heat 2 - 2023 Michitaka Kinami Memorial (Osaka, JPN)</b>			<i>Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season</i>														
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
<b>Decathlon - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN)</b>			<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>														
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
<b>Decathlon - Heat 1 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)</b>			<i>Matsubayashi (2020) - research on athlete performance and technique- 2020 data book</i>														
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
<b>Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)</b>			<i>Matsubayashi (2019) - research athlete performance technique- 2019 databook</i>														
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
<b>Decathlon - Heat 1 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)</b>			<i>Matsubayashi (2018) - research on athlete performance and technique</i>														
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
<b>Decathlon - Heat 1 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)</b>			<i>Matsubayashi (2018) - research on athlete performance and technique</i>														
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
<b>Decathlon - Heat 2 - 2016 Wakayama Grand Prix (Wakayama, JPN)</b>			<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>														
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
<b>Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN)</b>			<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>														
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
<b>Decathlon - Heat 2 - 2015 Wakayama Grand Prix (Wakayama, JPN)</b>			<i>Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016</i>														
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
<b>Decathlon - Heat 1 - 2014 Asian Games (Incheon, KOR)</b>			<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>														
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	<b>PB</b>		# 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	10.00	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) - performance 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) - performance 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) - performance 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) - performance 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	<b>PB</b>		# 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)****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)****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		
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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	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			# 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	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	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	10.53	1 / 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 (Lieviv, FRA)***Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lieviv-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	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)**

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	2.03	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			# 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



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Verherstraeten, Simon (BEL) (1999)</b>																	
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b>																	
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
<b>Vermont, Dylan (FRA) (1999)</b>																	
<b>National FINAL - 2024 London Athletics Meet (London, GBR)</b>																	
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
<b>Vesely, Martin (CZE) (1995)</b>																	
<b>Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>																	
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				
<b>Vicaut, Jimmy (FRA) (1992)</b>																	
<b>FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>																	
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
<b>FINAL - 2022 Bauhaus Galan (Stockholm, SWE)</b>																	
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			
<b>FINAL - 2022 Meeting de Paris (Paris, FRA)</b>																	
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				
<b>FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)</b>																	
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			
<b>FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)</b>																	
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			
<b>FINAL - 2017 IAAF World Championships (London, GBR)</b>																	
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
<b>FINAL - 2015 Areva Diamond League Meeting (Saint-Denis, FRA)</b>																	
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	
<b>FINAL - 2013 European Indoor Championships (Göteborg, SWE)</b>																	
date	02-Mar-13	time		2.91		4.74		6.48				6.48	6.48	6 / 1			
reaction time	0.153	interval				1.83		1.74				9.26	PB	# of strides			
		velocity		6.87		10.93		11.49				9.26		29.7			
<b>FINAL - 2011 IAAF World Championships (Daegu, KOR)</b>																	
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			
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
<b>Vleminxck, Kobe (BEL) (1998)</b>																	
<b>Invitational - 2024 Memorial van damme (Brussels, BEL)</b>																	
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
<b>von Barth, Emil (SWE) (1996)</b>																	
<b>C FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																	

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							
<b>Vondráček, Jan (CZE) (1991)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>											<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>								
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					
wind		velocity	4.69	8.70	9.52	9.80	10.31	10.00			8.20		6.93	10.03					
<b>Vostatek, Jakub (CZE) (1995)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)</b>											<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>								
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						
<b>Vojtek, Matouš (CZE) (1998)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)</b>											<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>								
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						
<b>Vojtík, Jirí (CZE) (1981)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>											<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>								
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					
wind		velocity	5.08	8.77	9.90	10.10	10.75	10.42			8.57		7.28	10.42					
<b>Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>											<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>								
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					
wind		velocity	5.05	8.62	10.10	10.75	10.31	10.31			8.57		7.26	10.45					
<b>Wada, Ryo (JPN) (2000)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)</b>											<i>Omega Timing (2024) - diamond league race analysis</i>								
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		
<b>Wahlgren, Milo (SWE) (2002)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)</b>											<i>Omega Timing (2023) - diamond league race analysis</i>								
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			
<b>Wahn, Erik (SWE) (1980)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2007 Windsprint (Sundsvall, SWE)</b>											<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>								
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					
<b>Wall, Fredrik (SWE) (1997)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>F FINAL - 2014 Windsprint (Sundsvall, SWE)</b>											<i>(2014) - www.ssg.se/windsprint/Splittider/</i>								
date	20-Jul-14	time		4.32			7.29				11.36	11.36	7 / 4						
reaction time		interval				2.97				4.07	<b>PB</b>	# of strides	4.32	2.97					
wind	1.5 m/s	velocity		6.94		10.10				9.83	8.80	6.94	10.10						
<b>Walser, Andreas (GER) (1996) (T12)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>Para FINAL - 2023 Prefontaine Classic (Eugene, OR)</b>											<i>Omega Timing (2023) - diamond league race analysis</i>								
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		
<b>Walter, Keitavious (USA) (1996)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)</b>											<i>PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/</i>								
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					
wind		velocity	4.74	9.80	10.75	11.11	11.24	13.16			9.08	31.0	7.39	11.76					
<b>Waltersson, Jonathan (SWE) (1985)</b>	<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>				
<b>E FINAL - 2013 Windsprint (Sundsvall, SWE)</b>											<i>(2013) - www.ssg.se/windsprint/Splittider/</i>								
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)**

date	31-Jul-11	time	4.14	7.00	8.88	10.82	10.82	(2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	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)**

date	08-Aug-10	time	4.21	7.20	9.15	11.16	11.16	(2010) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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)**

date	25-Jul-09	time	4.32	7.24	9.19	11.21	11.21	(2009) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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)**

date	24-Jul-07	time	4.28	7.28	9.25	11.28	11.28	(2007) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>	/ 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	
<b>Heat 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>																		
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		interval	0.143	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)**

date	28-Feb-23	time	2.07	3.21	4.27	5.25	6.22	7.24					7.24	6 / 5			
reaction time		interval	0.176	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)**

date	25-Feb-23	time	2.02	3.17	4.22	5.20	6.16	7.16					7.16	1 / 4			
reaction time		interval	0.157	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
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>																	
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		interval	0.172	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	
<b>Heat 11 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>																		
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	
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>																		
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		interval	0.198	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	
<b>FINAL - 2024 Chinese National Championships (Quzhou, CHN)</b>																		
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		interval	0.146	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)**

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		interval	0.163	1.05	0.96	0.91	0.90	0.87	0.88	0.89	0.90	0.90	<b>PB</b>	# 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)**

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		interval	0.161	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

<b>FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	<b>PB</b>	# 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	
<b>Heat 2 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Heat 10 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	<b>PB</b>	# 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	
<b>Semi-Final 1 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Heat 11 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Semi-Final 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>Heat 1 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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	
<b>FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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					<b>PB</b>	# 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		
<b>Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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					<b>PB</b>	# 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		
<b>Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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		
<b>Heat 14 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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		
<b>A FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>				
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						<b>=PB</b>	# 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		
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				



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
<b>Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 4 - 2023 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 2 - 2023 Chinese World Championship &amp; Asian Games Trials (Shenyang, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>FINAL - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Heat 5 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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					8.88	# of strides	3.99	2.77	
		velocity	5.08	9.71	10.10	10.99	10.75	10.75						32.0	7.52	10.83	
<b>Heat 4 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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					8.90	# of strides	3.97	2.77	
		velocity	5.13	9.52	10.31	10.75	10.87	10.87						33.0	7.56	10.83	
<b>B FINAL - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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					8.88	# of strides	3.98	2.78	
		velocity	5.18	9.17	10.42	10.75	10.75	10.87						33.0	7.54	10.79	
<b>Heat 8 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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					8.84	# of strides	3.99	2.80	
		velocity	5.18	9.35	10.10	10.75	10.64	10.75						33.0	7.52	10.71	
<b>FINAL - 2022 Shandong Athletics Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>			
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
<b>Heat 2 - 2022 Shandong Athletics Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>			
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
<b>Wang Shuang (CHN) (2004)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Heat 7 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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	
<b>Heat 13 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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	
<b>National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)</b>														<i>Omega Timing (2023) - diamond league race analysis</i>			
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
<b>Semi-Final 2 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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
<b>Wang Wei (CHN) (2001)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 8 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Wang Weihao (CHN) (2001)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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	<b>PB</b>		# 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
<b>Semi-Final 2 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Heat 4 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>			
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	
<b>Wang Xinkai (CHN) (2004)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 3 - 2024 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>Heat 2 - 2024 Chinese National Championships (Quzhou, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			
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
<b>FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>			



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											
<b>Semi-Final 2 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
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											
<b>Heat 1 - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
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											
<b>Heat 14 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
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											
<b>Heat 9 - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
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											
<b>Heat 12 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)</b>														<i>Shandong Athletics Sport Science (2024)</i>														
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												
<b>Heat 2 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>														
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											
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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	<b>PB</b>	# 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											
<b>U20 Semi-Final 1 - 2022 Shandong Provincial Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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	<b>PB</b>	# 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											
<b>FINAL - 2022 Shandong Athletics Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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	<b>PB</b>	# 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											
<b>Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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	<b>PB</b>	# 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											
<b>Wang Yongji (CHN) (1995)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2022 Shandong Athletics Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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											
<b>Wang Zhaojun (CHN)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>														<i>Shandong Athletics Sport Science (2022)</i>														
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											
<b>Watanabe, Kougen (JPN)</b>														<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection</b>																												
date	30-Jul-17	time		4.08			6.94			9.80	10.79	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											

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Watanabe, Sho (2003)</b>																	
<b>FINAL</b> - 2020 Shimane High School Championships (Izumo, JPN)		<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>															
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	
<b>Watson, Jerald (USA) (1985)</b>																	
<b>FINAL</b> - 2003 USATF National Junior Championships (Palo Alto, CA)		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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	
<b>Watson, Rohan (JAM) (2002)</b>																	
<b>FINAL</b> - 2024 Memorial van damme (Brussels, BEL)		<i>Omega Timing (2024) - diamond league race analysis</i>															
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
<b>FINAL</b> - 2024 Kamila Skolimowska Memorial (Silesia, POL)		<i>Omega Timing (2024) - diamond league race analysis</i>															
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
<b>FINAL</b> - 2024 Xiamen Diamond League (Xiamen, CHN)		<i>Omega Timing (2024) - diamond league race analysis</i>															
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
<b>FINAL</b> - 2023 Xiamen Diamond League (Xiamen, CHN)		<i>Omega Timing (2023) - diamond league race analysis</i>															
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
<b>Waugh, Ainsley (JAM) (1981)</b>																	
<b>FINAL</b> - 2009 Windsprint (Sundsvall, SWE)		<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	25-Jul-09	time			3.96		6.68		8.45		10.32	10.32	1 / 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			
<b>FINAL</b> - 2008 Windsprint (Sundsvall, SWE)		<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>															
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		
<b>Wdowik, Oliwer (POL) (2002)</b>																	
<b>Heat 4</b> - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
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	
<b>Weise, Eberhard (GDR) (1953)</b>																	
<b>FINAL</b> - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)		<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>															
date	29-May-76	time			3.98		6.76		8.58		10.42	10.42	1 / 3				
reaction time		interval					2.78		1.82		1.84	<b>PB</b>	# 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			
<b>Wellington, Andre (JAM) (1986)</b>																	
<b>FINAL</b> - 2008 Windsprint (Sundsvall, SWE)		<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>															
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		
<b>FINAL</b> - 2007 Windsprint (Sundsvall, SWE)		<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	24-Jul-07	time			4.00		6.79		8.66		10.59	10.59	1 / 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			
<b>Wells, Allan (GBR) (1952)</b>																	
<b>FINAL</b> - 1983 IAAF World Championships (Helsinki, FIN)		<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>															
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		



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Wells, Evander (USA) (1987)</b>																
<b>Heat 2 - 2008 USA Olympic Trials (Eugene, OR)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>				
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
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>				
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
<b>Wen Shiqi (CHN) (1999)</b>																
<b>Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>												<i>Shandong Athletics Sport Science (2023)</i>				
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
<b>Wennolf, Mikael (SWE) (1971)</b>																
<b>FINAL - 1994 (Tønsberg, NOR)</b>												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	20-Jul-94	time		4.00		6.81		8.66		10.55		10.55	10.55	1 / 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	
<b>Wiberg, Nicklas (SWE) (1985)</b>																
<b>Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)</b>												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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		<b>PB</b>	# of strides		
wind	-0.4 m/s	velocity	6.35		10.20		10.36		10.36		10.05		9.12			
<b>Wicki, Silvan (SUI) (1995)</b>																
<b>FINAL - 2021 Weltklasse (Zürich, SUI)</b>												<i>Omega Timing (2021) - diamond league race analysis</i>				
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		
<b>Wieser, Stefan (GER) (1984)</b>																
<b>C FINAL - 2009 ISTAF (Berlin, GER)</b>												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time	3.12	4.10	5.04		6.88		8.78		10.69		10.69	1 / 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	
<b>FINAL - 2005 European U23 Championships (Erfurt, GER)</b>												<i>Graubner (2005) - wettkampfanalytische untersuchung der sprintleistungsfähigkeit</i>				
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	
<b>Heat 1 - 2005 European U23 Championships (Erfurt, GER)</b>												<i>Graubner (2005) - wettkampfanalytische untersuchung der sprintleistungsfähigkeit</i>				
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	
<b>Wilks, Terrell (USA) (1989)</b>																
<b>FINAL - 2011 Windsprint (Sundsvall, SWE)</b>												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	31-Jul-11	time		3.99		6.74		8.56		10.49		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	
<b>FINAL - 2008 USATF National Junior Championships (Columbus, OH)</b>												<i>USATF Women's Sprint Development with HPC (2008)</i>				
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		<b>PB</b>	# of strides	3.98	2.62
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
<b>Williams, Bernard (USA) (1978)</b>																
<b>FINAL - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>				
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 / <del>7</del> 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
<b>Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)</b>												<i>USATF Women's Sprint Development (2006)</i>				
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 / <del>3</del> 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
<b>FINAL - 2004 USA Olympic Trials (Sacramento, CA)</b>													<i>USATF Women's Sprint Development (2004)</i>				
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
<b>FINAL - 2003 USATF National Championships (Palo Alto, CA)</b>													<i>USATF Women's Sprint Development (2003)</i>				
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
<b>FINAL - 2000 ISTAF (Berlin, GER)</b>													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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	
<b>Williams, Desai (CAN) (1959)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1988 Olympic Games (Seoul, KOR)</b>													<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
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 / - 6			
reaction time	0.149	interval	1.04	0.94	0.89	0.86	0.86	0.90	0.90	0.91	0.93	<b>PB</b>		# 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
<b>Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)</b>													<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
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
<b>FINAL - 1983 IAAF World Championships (Helsinki, FIN)</b>													<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>				
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	
<b>Williams, Ivory (USA) (1985)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	<b>2.2 m/s</b>	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
<b>Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)</b>													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	<b>PB</b>		# 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
<b>Heat 1 - 2008 USA Olympic Trials (Eugene, OR)</b>													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	<b>=PB</b>		# 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
<b>Williams, Jeff (USA) (1965)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 1996 USA Olympic Trials (Atlanta, GA)</b>													<i>USATF Women's Sprint Development (1996)</i>				
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		
<b>Williams, Kendal (USA) (1995)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2019 Athletissima (Lausanne, SUI)</b>													<i>Omega Timing (2019) - diamond league race analysis</i>				
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			
<b>FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)</b>													<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>				
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	0.88	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
<b>Williams, Mustaqeem (USA) (1995)</b>																	
			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 Millrose Games (New York, NY)</b>													<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>				
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	



		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Williams, Rubin (USA) (1983)</b>																	
<b>Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Heat 2 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Williams, Teddy (USA) (1988)</b>																	
<b>Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Heat 3 - 2008 USA Olympic Trials (Eugene, OR)</b>		<i>USATF Women's Sprint Development with HPC (2008)</i>															
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
<b>Williams, Trae (AUS) (1997)</b>																	
<b>FINAL - 2018 Australian Athletics Championships (Gold Coast, AUS)</b>		<i>Emma (2018.02.26) - twitter.com/Rohan_Browning</i>															
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	<b>PB</b>	# 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
<b>Williamson, Simeon (GBR) (1986)</b>																	
<b>Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
date	15-Aug-09	time		3.00	3.95	4.86				8.40		10.23	10.23	5 / 5			
reaction time	0.156	interval			0.95	0.91			1.78		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
<b>Heat 7 - 2009 IAAF World Championships (Berlin, GER)</b>		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
date	15-Aug-09	time		3.04	4.00	4.91				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
<b>FINAL - 2009 ISTAF (Berlin, GER)</b>		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	14-Jun-09	time		2.95	3.90	4.80				8.33		10.13	10.13	1 / 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
<b>Willie, Kelly (USA) (1982)</b>																	
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b>		<i>USATF Women's Sprint Development (2006)</i>															
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
<b>Wilson, Alex (SUI) (1990)</b>																	
<b>FINAL - 2019 Weltklasse (Zürich, SUI)</b>		<i>Omega Timing (2019) - diamond league race analysis</i>															
date	29-Aug-19	time		3.1		5.0				8.6		10.40	10.40	7 / 9			
reaction time	0.121	interval				1.9			1.8		1.8			# of strides			
wind	-0.4 m/s	velocity		6.45		10.53			11.11		11.11		11.11	9.62		46.2	
<b>FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)</b>		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	07-May-16	time					5.83					10.35	10.35	1 / 1			
reaction time		interval										4.52		# of strides			
wind	0.9 m/s	velocity					8.58					11.06	9.66				
<b>Wims, Scott (USA) (1988)</b>																	
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b>		<i>USATF Women's Sprint Development (2006)</i>															
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
<b>Wims, Jerod (USA) (1986)</b>																	
<b>FINAL - 2005 USATF National Junior Championships (Carson, CA)</b>		<i>USATF Women's Sprint Development (2005)</i>															
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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Winger, Alexander (SWE) (1989)</b>																	
<b>E FINAL - 2013 Windsprint (Sundsvall, SWE)</b> (2013) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>																	
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			
<b>Wissman, Johan (SWE) (1982)</b>																	
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b> (2007) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>																	
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			
<b>Wobeto, Philipp (GER) (1991)</b>																	
<b>FINAL - 2010 German National Junior Championships (Ulm, GER)</b> Graubner (2010) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																	
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			
<b>Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)</b> Graubner (2010) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>																	
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			
<b>Wocalewski, Jan (SWE) (1993)</b>																	
<b>C FINAL - 2011 Windsprint (Sundsvall, SWE)</b> (2011) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>																	
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			
<b>C FINAL - 2010 Windsprint (Sundsvall, SWE)</b> (2010) - <a href="http://www.ssg.se/en/Windsprint/Split-times/">www.ssg.se/en/Windsprint/Split-times/</a>																	
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			
<b>Woods, John (USA) (1982)</b>																	
<b>Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)</b> 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
<b>Worsley, Dominique (USA) (1987)</b>																	
<b>FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)</b> 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	
<b>Wu Bowen (CHN) (2006)</b>																	
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b> 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
<b>Wu Haolin (CHN) (2006)</b>																	
<b>FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b> 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		
<b>Semi-Final 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b> 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			<b>PB</b>		# 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		
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b> 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	<b>PB</b>	# 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
<b>Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)</b> 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				
<b>FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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	<b>PB</b>	# 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					
<b>Semi-Final 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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	<b>PB</b>	# 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			
<b>Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2023)</i>							
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			
<b>Wu Zhiqiang (CHN) (1994)</b>																				
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>																	<i>Shandong Athletics Sport Science (2023)</i>			
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				
<b>Semi-Final 2 - 2023 Chinese National Championships (Quzhou, CHN)</b>																	<i>Shandong Athletics Sport Science (2023)</i>			
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				
<b>FINAL - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	<i>Shandong Athletics Sport Science (2023)</i>			
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			
<b>Semi-Final 3 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>																	<i>Shandong Athletics Sport Science (2023)</i>			
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			
<b>FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)</b>																	<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>			
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			
<b>FINAL - 2019 Asian Athletics Championships (Doha, QAT)</b>																	<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>			
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	<b>PB</b>	# 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			
<b>FINAL - 2017 Chinese National Games (Tianjin, CHN)</b>																	<i>Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games</i>			
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			
<b>Wulff, Jonathan (SWE) (1994)</b>																				
<b>A FINAL - 2016 Windsprint (Sundsvall, SWE)</b>																	<i>(2016) - www.windsprint/Splittider/</i>			
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				
<b>Heat 1 - 2016 Windsprint (Sundsvall, SWE)</b>																	<i>(2016) - www.windsprint/Splittider/</i>			
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>B FINAL - 2012 Windsprint (Sundsvall, SWE)</b>																	<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>			
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					
<b>D FINAL - 2011 Windsprint (Sundsvall, SWE)</b>																	<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>			
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/](http://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**  
**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 1.77 # 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																			
<b>FINAL</b> - 2019 Chinese World Championships Trials (Shenyang, CHN)													<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>														
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										
<b>FINAL</b> - 2017 Chinese National Games (Tianjin, CHN)													<i>Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games</i>														
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	<b>PB</b>	# 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										
<b>Heat 2</b> - 2017 IAAF World Championships (London, GBR)													<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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										
<b>Xing Yanan (CHN) (1983)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL</b> - 2008 Osaka Grand Prix (Osaka, JPN)													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m &amp; 100m hurdles</i>														
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											
<b>Xu Haiyang (CHN) (1992)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2017 Chinese National Games (Tianjin, CHN)													<i>Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games</i>														
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										
<b>Xu Zhouzheng (CHN) (1995)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2020 New Balance Indoor Grand Prix (Boston, MA)													<i>PrimeTime Timing (2020) - <a href="https://results.nbindoorgrandprix.com/">https://results.nbindoorgrandprix.com/</a></i>														
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											
<b>FINAL</b> - 2019 Chinese World Championships Trials (Shenyang, CHN)													<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>														
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										
<b>FINAL</b> - 2017 Chinese National Games (Tianjin, CHN)													<i>Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games</i>														
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										
<b>Xuan Dajun (CHN) (1998)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 5</b> - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)													<i>Shandong Athletics Sport Science (2024)</i>														
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										
<b>A FINAL</b> - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)													<i>Shandong Athletics Sport Science (2023)</i>														
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											
<b>FINAL</b> - 2019 Chinese World Championships Trials (Shenyang, CHN)													<i>Jiang (2019) - data analysis of men's sprint finals in the world championships trials</i>														
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	<b>PB</b>	# 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										
<b>Yamagata, Ryota (JPN) (1992)</b>													<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL</b> - 2021 Fuse Sprint (Tottori, JPN)													<i>Miyashiro (2021) - <a href="https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21">https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21</a></i>														
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	<b>NR PB</b>	# 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										
<b>Heat 1</b> - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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)**

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

*Hayato (2019) - race analysis of men's 100m at major comeptions in 2019***FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)**

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	11.24	10.87	9.99		48.2	7.83	11.41	11.41

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***FINAL - 2018 Asian Games (Jakarta, INA)**

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	<b>=PB</b>	# 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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)**

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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***FINAL - 2018 Fuse Sprint (Tottori, JPN)**

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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)**

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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)**

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

*Kobayashi (2018) - Race analysis results for men 100m in 2018 season***Heat 6 - 2017 Japanese National Championships (Osaka, JPN)**

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

*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season***FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS)**

date	11-Mar-17	time					6.54				10.08	10.08		(2017) - <a href="http://tfd-data-store.com/2017/03/12/post-46/">tfd-data-store.com/2017/03/12/post-46/</a>	
reaction time		interval									3.54			# of strides	/ 1
wind	-0.1 m/s	velocity					9.17				11.30	9.92		48.2	

*(2017) - tfdata-store.com/2017/03/12/post-46/***C FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS)**

date	11-Mar-17	time					6.52				10.06	10.06		(2017) - <a href="http://tfd-data-store.com/2017/03/12/post-46/">tfd-data-store.com/2017/03/12/post-46/</a>	
reaction time		interval									3.54			# of strides	/ 1
wind	1.3 m/s	velocity					9.20				11.30	9.94		48.0	

*(2017) - tfdata-store.com/2017/03/12/post-46/***FINAL - 2016 Japanese National Championships (Nagoya, JPN)**

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

*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters***Semi-Final 2 - 2016 Japanese National Championships (Nagoya, JPN)**

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

*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters***FINAL - 2016 Fuse Sprint (Tottori, JPN)**

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	<b>PB</b>	# 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

*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters***Heat 1 - 2016 Fuse Sprint (Tottori, JPN)**

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

*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters***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
<b>FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>														
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
<b>Semi-Final 2 - 2014 Japanese National Championships (Fukushima, JPN)</b>			<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>														
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
<b>FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>														
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
<b>Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>														
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
<b>FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN)</b>			<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>														
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
<b>FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)</b>			<i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>														
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
<b>Yamaji, Kotaro (JPN) (2000)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)</b>			<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>														
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
<b>Yamamoto, Eien (JPN) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)</b>			<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>														
date	04-Oct-19	time			4.15		6.16					11.21	11.21	9 / 7			
reaction time		interval		0.150			2.01					5.05		# of strides	4.15		
wind	-1.1 m/s	velocity			7.23		3.25					9.90	8.92		7.23		
<b>Yamamoto, Mirai (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)</b>			<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection</i>														
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
<b>Yamamoto, Shunsuke (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2021 Shimane High School Championships (Izumo, JPN)</b>			<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>														
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
<b>Yamashita, Jun (JPN) (1997)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)</b>			<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>														
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		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
<b>FINAL - 2015 Japanese High School Championships (Wakayama, JPN)</b>			<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>														
date	30-Jul-15	time			4.05	4.99	5.96	6.86	7.78	8.70	9.65	10.63	10.63	1 / 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
<b>Yan Haibin (CHN) (2003)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>			<i>Shandong Athletics Sport Science (2024)</i>														
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
<b>National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)</b>													<i>Omega Timing (2023) - diamond league race analysis</i>				
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
<b>Yan Shisong (CHN)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>													<i>Shandong Athletics Sport Science (2022)</i>				
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
<b>Yanagita, Hiroki (JPN) (2003)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2024) - diamond league race analysis</i>				
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
<b>FINAL - 2021 Japanese High School National Championships (Fukui, JPN)</b>													<i>Shibayama (2021) - national high school and U20 national championships</i>				
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	
<b>FINAL - 2020 Japanese National Championships (Niigata, JPN)</b>													<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>				
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
<b>Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)</b>													<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>				
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	<b>PB</b>		# 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
<b>Yang Chun-Han (TPE) (1997)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2019 Asian Athletics Championships (Doha, QAT)</b>													<i>Hayato (2019) - race analysis of men's 100m at major competitions in 2019</i>				
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
<b>FINAL - 2018 Asian Games (Jakarta, INA)</b>													<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>				
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
<b>Yang Jun (CHN) (2003)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2024 Chinese National Grand Prix 5 (Huangshi, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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	<b>PB</b>		# 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
<b>Heat 5 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	27-May-24	time	2.03	3.06	4.02	4.97	5.96	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	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	
<b>FINAL - 2024 Chinese National Grand Prix 2 (Qingdao, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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
<b>Yano, Shogo (JPN) (1990)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>FINAL - 2007 Japanese National High School Championships (Saga, JPN)</b>													<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>				
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	
<b>Yaseen, Taha Hussein (IRQ) (1998)</b>		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>	
<b>Heat 7 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>Prelim 4 - 2024 Olympic Games (Paris, FRA)</b>													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
<b>Ye Tianyu (CHN) (2001)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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
<b>Semi-Final 2 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
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	10.99	10.75	10.87	10.20		9.57	48.0	7.61	10.83	10.87
<b>Yelin Yanheng (CHN) (2006)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 2 - 2024 Second Belt &amp; Road Invitational Athletics Meeting (Chongqing, CHN)</b>													<i>Shandong Athletics Sport Science (2024)</i>				
date	27-May-24	time	1.97	3.02	3.98		6.70	7.63	8.55	9.51	10.46	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
<b>Yepishin, Andrey (RUS) (1981)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA)</b>													<i>Vazel (2009) - <a href="http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf">http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf</a></i>				
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	
<b>Yoshichi, Sota (JPN)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2021 Shimane High School Championships (Izumo, JPN)</b>													<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>				
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
<b>FINAL - 2020 Shimane High School Championships (Izumo, JPN)</b>													<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>				
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
<b>Yoshida, Kohei (JPN) (1989)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2007 Japanese National High School Championships (Saga, JPN)</b>													<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>				
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	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
<b>Young, Isiah (USA) (1990)</b>			<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)</b>													<i>Omega Timing (2022) - diamond league race analysis</i>				
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			
<b>FINAL - 2021 Prefontaine Classic (Eugene, OR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
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			
<b>FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
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			
<b>FINAL - 2021 Bauhaus Galan (Stockholm, SWE)</b>													<i>Omega Timing (2021) - diamond league race analysis</i>				
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			
<b>FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)</b>													<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>				
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Youssef, Mahamat Goubaye (CHA) (1)</b>																	
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				
<b>Yu Duhao (CHN) (2001)</b>																	
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
<b>Yu, Matsuura (JPN)</b>																	
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	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	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	9.16	9.16	51.5	7.37	10.49		
<b>Zail, Emil (SWE) (1987)</b>																	
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					# of strides	4.08	2.80	
wind	2.0 m/s	velocity		7.35		10.71		10.75	10.36	9.37	9.37	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	9.29	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	9.34	9.34	7.41	10.64			
<b>Zakari, Abdul Aziz (GHA) (1976)</b>																	
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	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	9.95	7.75	11.41		
<b>Zálesky, Dominik (CZE) (1995)</b>																	
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	8.80				
<b>Zamzoun Al-Absi, Saeed Othman (QAT)</b>																	
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			# of strides			
wind	0.9 m/s	velocity	6.45		10.00		11.11		10.53		11.11	9.43	9.43	46.5			



<b>Zeng Keli (CHN) (2006)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Heat 2 - 2024 Chinese National Championships (Quzhou, CHN)</b>													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
<b>FINAL - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													Shandong Athletics Sport Science (2024)				
date	29-Mar-24	time	1.97	2.99	3.95	4.85	5.70	6.63				6.63	6.63	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	9.05	29.0	7.59	11.19	
<b>Semi-Final 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													Shandong Athletics Sport Science (2024)				
date	29-Mar-24	time	1.97	2.95	3.94	4.85	5.74	6.66				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	9.01	29.0	7.61	11.03	
<b>Heat 1 - 2024 Chinese Indoor National Championships (Tianjin, CHN)</b>													Shandong Athletics Sport Science (2024)				
date	29-Mar-24	time	1.99	3.01	3.98	4.86	5.72	6.68				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	8.98	29.0	7.54	11.11	
<b>B FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)</b>													Shandong Athletics Sport Science (2024)				
date	27-Feb-24	time		3.01	4.05	4.97	5.87	6.80				6.80	6.80	1 / 4			
reaction time		interval			1.04	0.92	0.90	0.93						# of strides	4.05	2.75	
		velocity		6.64	9.62	10.87	11.11	10.75				8.82	8.82	29.2	7.41	10.91	
<b>Zetterberg, Johan (SWE) (1984)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>D FINAL - 2010 Windsprint (Sundsvall, SWE)</b>													(2010) - www.ssg.se/en/Windsprint/Split-times/				
date	08-Aug-10	time			4.12		7.04		9.00		11.03	11.03	11.03	/ 1			
reaction time		interval					2.92		1.96		2.03	2.03		# of strides	4.12	2.92	
wind	2.8 m/s	velocity			7.28		10.27		10.20		9.85	9.07	9.07	7.28	10.27		
<b>C FINAL - 2009 Windsprint (Sundsvall, SWE)</b>													(2009) - www.ssg.se/en/Windsprint/Split-times/				
date	25-Jul-09	time			4.20		7.15		9.14		11.26	11.26	11.26	/ 4			
reaction time		interval					2.95		1.99		2.12	2.12		# of strides	4.20	2.95	
wind	3.0 m/s	velocity			7.14		10.17		10.05		9.43	8.88	8.88	7.14	10.17		
<b>E FINAL - 2007 Windsprint (Sundsvall, SWE)</b>													(2007) - www.ssg.se/en/Windsprint/Split-times/				
date	24-Jul-07	time			4.30		7.30		9.34		11.47	11.47	11.47	/ 1			
reaction time		interval					3.00		2.04		2.13	2.13		# of strides	4.30	3.00	
wind	0.2 m/s	velocity			6.98		10.00		9.80		9.39	8.72	8.72	6.98	10.00		
<b>Zhang Baozhou (CHN) (2004)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)</b>													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
<b>Zhang Haijian (CHN) (2002)</b>		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)</b>													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
<b>FINAL - 2023 Chinese National Championships (Quzhou, CHN)</b>													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
<b>Semi-Final 1 - 2023 Chinese National Championships (Quzhou, CHN)</b>													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
<b>Heat 4 - 2023 Chinese National Championships (Quzhou, CHN)</b>													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
<b>Semi-Final 1 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)</b>													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	<b>PB</b>	# 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	11.11	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	# of strides	3.97	2.75	2.82
reaction time	0.140	interval	1.05	0.98	0.92	0.93	0.90	0.93	0.92	0.97	0.99	<b>PB</b>	48.2	7.56	10.91	10.64		
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					

**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	# of strides	3.97	2.72	2.85
reaction time	0.144	interval	1.04	0.98	0.90	0.90	0.92	0.93	0.94	0.98	1.02		47.7	7.56	11.03	10.53		
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					

**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	# of strides	3.97	2.76	2.78
reaction time	0.164	interval	1.06	0.99	0.92	0.93	0.91	0.92	0.92	0.94	1.03		46.2	7.56	10.87	10.79		
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					

**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	# of strides	3.95	2.77	2.68
reaction time	0.15	interval	1.10	0.95	0.94	0.93	0.90	0.88	0.89	0.91	0.94		47.5	7.59	10.83	11.19		
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					

**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	# of strides	3.93	2.69	2.69
reaction time		interval	1.06	0.94	0.91	0.89	0.89	0.88	0.90	0.91	0.93		46.7	7.63	11.15	11.15		
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					

**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	# of strides	4.07	2.78	2.79
reaction time	0.177	interval	1.09	0.98	0.94	0.93	0.91	0.92	0.93	0.94	0.96		49.0	7.37	10.79	10.75		
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					

**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	# of strides	4.05	2.76	2.78
reaction time	0.235	interval	1.09	0.96	0.95	0.89	0.92	0.93	0.90	0.95	0.97		49.0	7.41	10.87	10.79		
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					

**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	# of strides	4.10	2.77	2.79
reaction time		interval	1.05	0.97	0.94	0.92	0.91	0.91	0.92	0.96	0.96		49.2	7.32	10.83	10.75		
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					

**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	# of strides	4.00	2.72	2.76
reaction time	0.173	interval	1.06	0.97	0.93	0.89	0.90	0.91	0.92	0.93	0.99		43.7	7.50	11.03	10.87		
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					

**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 / 1	# of strides	3.98	2.77	
reaction time		interval					2.77		1.80		1.88		<b>PB</b>	46.5	7.54	10.83		
wind	???	velocity			7.54		10.83		11.11		10.64		9.59					

**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	# of strides	4.10	2.84	2.80
reaction time	0.184	interval	1.10	0.99	0.96	0.93	0.95	0.92	0.94	0.94	1.00		50.5	7.32	10.56	10.71		
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					

**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	6.81	6 / 3	# of strides	4.04	2.77	
reaction time	0.172	interval	1.12	0.97	0.92	0.92	0.93					8.81	8.81	32.0	7.43	10.83		
		velocity	5.13	8.93	10.31	10.87	10.87	10.75										

**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		
<b>Heat 3 - 2023 Chinese Indoor National Championships (Tianjin, CHN)</b>														<i>Shandong Athletics Sport Science (2023)</i>				
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		
<b>Zich, Václav (CZE) (1990)</b>																		
<b>FINAL - 2013 Czech Republic National Championships (Tábor, CZE)</b>																		
<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>																		
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	
<b>Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)</b>																		
<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>																		
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					
<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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					<b>PB</b>	# 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		
<b>Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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		
<b>Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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		
<b>Žilka, Libor (CZE) (1986)</b>																		
<b>FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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		
<b>Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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		
<b>Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)</b>																		
<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>																		
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		
<b>Zirignon, Jean Christian (SWE) (1995)</b>																		
<b>B FINAL - 2017 Windsprint (Sundsvall, SWE)</b>																		
<i>(2017) - www.windsprint/Splittider/</i>																		
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		
<b>C FINAL - 2015 Windsprint (Sundsvall, SWE)</b>																		
<i>(2015) - www.windsprint/Splittider/</i>																		
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		
<b>C FINAL - 2014 Windsprint (Sundsvall, SWE)</b>																		
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																		
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	<b>PB</b>	# 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>B FINAL - 2013 Windsprint (Sundsvall, SWE)</b>																		
<i>(2013) - www.ssg.se/windsprint/Splittider/</i>																		
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](http://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)****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 Olymipc Games - Results Book (2024)*

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 Olymipc 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	<b>NR AJR PB</b>	# 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	<b>PB</b>	# 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)****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	2.06	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)****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		5.38		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						