

Men's 100m Split Times - by athlete

LAST UPDATE: 29-Sep-24

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Åberg, Oskar (SWE) (1989)																	
B FINAL - 2012 Windsprint (Sundsvall, SWE)		<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 FINAL - 2010 Windsprint (Sundsvall, SWE)		<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		
Abeykoon, Yupun (SRI) (1994)																	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)		<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
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)		<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	0.157	interval		1.04	0.97	0.91	0.88	0.91	0.91	0.85	0.90	0.91		# of strides	3.95	2.70	2.66
wind	-1.6 m/s	velocity	5.15	9.62	10.31	10.99	11.36	10.99	10.99	11.76	11.11	10.99	9.78		7.59	11.11	11.28
FINAL - 2022 Weltklasse (Zürich, SUI)		<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	0.137	interval				1.85		1.75		1.76		1.80		# of strides			
wind	-0.3 m/s	velocity		6.71		10.81		11.43		11.36		11.11	9.86	43.5			
FINAL - 2022 Commonwealth Games (Birmingham, GBR)		<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			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)		<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	0.279	interval				1.84		1.73		1.74		1.76		# of strides			
wind	-0.5 m/s	velocity		6.37		10.87		11.56		11.49		11.36	9.79	43.2			
FINAL - 2022 Bislett Games (Oslo, NOR)		<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	0.171	interval				1.85		1.74		1.75		1.81		# of strides			
wind	0.5 m/s	velocity		6.64		10.81		11.49		11.43		11.05	9.84	44.0			
Adam, Ibadulla (MDV) (2002)																	
Prelim 4 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic 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	0.161	interval		1.09	0.97	0.94	0.90	0.90	0.93	0.95	0.97	0.98	PB	# of strides	3.98	2.74	2.85
wind	0.2 m/s	velocity	5.21	9.17	10.31	10.64	11.11	11.11	10.75	10.53	10.31	10.20	9.48	50.0	7.54	10.95	10.53
Adigida, Onyema (NED) (2000)																	
National FINAL - 2024 London Athletics Meet (London, GBR)		<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	0.171	interval		1.10	0.98	0.93	0.91	0.89	0.89	0.90	0.91	0.93		# of strides	4.07	2.73	2.70
wind	2.1 m/s	velocity	5.03	9.09	10.20	10.75	10.99	11.24	11.24	11.11	10.99	10.75	9.59		7.37	10.99	11.11
National - Heat 1 - 2023 FBK Games (Hengelo, NED)		<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	0.187	interval		1.09	0.99	0.96	0.92	0.92	0.92	0.93	0.94	0.99		# of strides	4.07	2.80	2.79
wind	0.1 m/s	velocity	5.03	9.17	10.10	10.42	10.87	10.87	10.87	10.75	10.64	10.10	9.39		7.37	10.71	10.75
Abantes, Arnaldo (POR) (1986)																	
Quarter-Final 1 - 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		# of strides	3.98	2.75	
wind	-0.7 m/s	velocity		6.64	10.31	10.87		10.93		11.11		10.70	9.62		7.54	10.91	
Heat 1 - 2009 IAAF World Championships (Berlin, GER)		<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		# 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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Abiko, Mitsuhiro (JPN) (1988)																	
Race 1 - 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
Adams, Harry (USA) (1989)																	
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)										<i>Matsuo (2015) - 2015 men's & 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
Adegoke, Enoch (NGR) (2000)																	
FINAL - 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	
Adeniken, Olapade (NGR) (1969)																	
FINAL - 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		# of strides			
wind	0.5 m/s	velocity		6.64		10.93		11.49		11.36		11.24	9.88	46.0			
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)										<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
Adeyanju, Iziak (NGR) (1959)																	
Semi-Final 2 - 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 / -- 6			
reaction time		interval		1.06	0.97	0.94	0.94	0.93	0.96	0.96	0.96	0.97		# of strides	3.94	2.81	2.88
wind	-1.2 m/s	velocity	5.24	9.43	10.31	10.64	10.64	10.75	10.42	10.42	10.42	10.31	9.43		7.61	10.68	10.42
Adolfsson, Henrik (SWE) (1988)																	
C FINAL - 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		1 / 7			
reaction time		interval					3.01		2.07		2.09			# of strides	4.23	3.01	
wind	-0.4 m/s	velocity			7.09		9.97		9.66		9.57		8.77		7.09	9.97	
Afrifa, Elvis (NED) (1997)																	
Invitational - 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
Aikines-Aryeetey, Harry (GBR) (1988)																	
FINAL - 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		# of strides			
wind	-0.3 m/s	velocity		6.67		10.53		11.11		10.53		10.42	9.51	49.0			
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)										<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	
		velocity	4.65	9.43	10.53	10.87	11.11	13.33				8.92			31.5	7.21	11.67
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)										<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				
FINAL - 2013 European Indoor Championships (Göteborg, SWE)										<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			
		velocity		6.73		10.70		11.17				9.05			28.7		
B FINAL - 2009 ISTAF (Berlin, GER)										<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	1 / 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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ajayi, Kayinsola (NGR) (2004)																	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<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
Heat 5 - 2024 Olympic Games (Paris, FRA)												<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
Akiyama, Yuki (JPN) (2001)																	
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
date	04-Oct-19	time			4.06		6.00					10.88	10.88	9 / 5			
reaction time	0.154	interval					1.94					4.88		# of strides	4.06		
wind	-2.3 m/s	velocity			7.39		3.33					10.25	9.19		7.39		
Al-Balushi, Ali Anwar (OMA) (2002)																	
Heat 3 - 2024 Olympic Games (Paris, FRA)												<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
Al Abboodi, Fam (IRQ) (1992)																	
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)												<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
Al-Farhan, Adel Mohamed (BRN) (1979)																	
FINAL - 2008 Asian Indoor Championships (Doha, QAT)												<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				NR		# of strides	4.05	2.79	
wind		velocity	5.08	9.01	10.31	10.75	10.75	10.75				8.77			7.41	10.75	
Al-Harhi, Barakat (OMA) (1988)																	
Heat 2 - 2009 IAAF World Championships (Berlin, GER)												<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	
Al-Salfa, Omar Juma (UAE) (1989)																	
FINAL - 2008 Asian Indoor Championships (Doha, QAT)												<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	
Al-Yafae, Samer (YEM) (2005)																	
Prelim 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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
Ali, Chituru (ITA) (1999)																	
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												<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
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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
Heat 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<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	
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)														<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				
Allen, Devon (USA) (1994)																		
FINAL - 2019 Athletissima (Lausanne, SUI)														<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				
Allison, Tarley (SWE) (1997)																		
B FINAL - 2016 Windsprint (Sundsvall, SWE)														<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	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)														<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	
Allison, Tarley (LBR) (1997)																		
E FINAL - 2014 Windsprint (Sundsvall, SWE)														<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	
Almas, Deniz (GER) (1997)																		
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)														<i>Omega Timing (2020) - diamond league race analysis</i>				
date	17-Sep-20	time		3.0		4.9		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			
Ambeptiya, Shehan (SRI) (1990)																		
Heat 4 - 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	4.02	4.94		6.79		8.63		10.53	10.53	3 / 5				
reaction time	0.175	interval			0.97	0.92		1.85		1.84			1.90		# of strides	4.02	2.77	
wind	-0.1 m/s	velocity		6.56	10.31	10.87		10.81		10.87			10.53	9.50		7.46	10.83	
Amici, Andrea (ITA) (1971)																		
FINAL - 1994 Italian National Championships (Naples, ITA)														<i>Locatelli (2000) - the mechanics and energetics of the 100m sprint</i>				
date	04-Jul-94	time	1.86	3.00	3.99	4.92	5.82	6.74				10.69	10.69					
reaction time		interval		1.14	0.99	0.93	0.90	0.92					3.95		# of strides	3.99	2.75	
wind	1.0 m/s	velocity	5.38	8.77	10.10	10.75	11.11	10.87					10.13	9.35		7.52	10.91	
Amo-Dadzie, Eugene (GBR) (1992)																		
National FINAL - 2024 London Athletics Meet (London, GBR)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	20-Jul-24	time	1.90	2.95	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.12	10.12	6 / 1				
reaction time	0.157	interval		1.05	0.95	0.90	0.88	0.87	0.87	0.89	0.89	0.92		# of strides	3.90	2.65	2.65	
wind	2.1 m/s	velocity	5.26	9.52	10.53	11.11	11.36	11.49	11.49	11.24	11.24	10.87	9.88		7.69	11.32	11.32	
Andersson, Adam (SWE) (1991)																		
C FINAL - 2007 Windsprint (Sundsvall, SWE)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time		4.25				7.21		9.18		11.23	11.23	1 / 3				
reaction time		interval						2.96		1.97			2.05		# of strides	4.25	2.96	
wind	-0.4 m/s	velocity				7.06		10.14		10.15			9.76	8.90		7.06	10.14	
Andersen, Andres Stokke (NOR) (1992)																		
F FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time		4.18				7.09		9.06		11.12	11.12	5 / 4				
reaction time		interval						2.91		1.97			2.06		# of strides	4.18	2.91	
wind	3.0 m/s	velocity				7.18		10.31		10.15			9.71	8.99		7.18	10.31	
Andersson, Andreas (SWE) (1991)																		
C FINAL - 2010 Windsprint (Sundsvall, SWE)														<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	08-Aug-10	time		4.21				7.11		9.01		10.97	10.97	1 / 3				
reaction time		interval						2.90		1.90			1.96		# of strides	4.21	2.90	
wind	2.6 m/s	velocity				7.13		10.34		10.53			10.20	9.12		7.13	10.34	

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Andersson, David (SWE) (1985)															
D FINAL - 2012 Windsprint (Sundsvall, SWE)															
date	17-Jun-12	time	4.17			7.06		8.97		10.93	10.93	/ 1			
reaction time		interval				2.89		1.91		1.96		# of strides	4.17	2.89	
wind	2.5 m/s	velocity	7.19			10.38		10.47		10.20	9.15		7.19	10.38	
Andersson, Patrik (SWE) (1991)															
B FINAL - 2015 Windsprint (Sundsvall, SWE)															
date	26-Jul-15	time	4.05			6.82		8.67		10.56	10.56	4 / 2			
reaction time		interval				2.77		1.85		1.89		# of strides	4.05	2.77	
wind	0.9 m/s	velocity	7.41			10.83		10.81		10.58	9.47		7.41	10.83	
B FINAL - 2014 Windsprint (Sundsvall, SWE)															
date	20-Jul-14	time	4.05			6.81		8.67		10.56	10.56	5 / 1			
reaction time		interval				2.76		1.86		1.89		# of strides	4.05	2.76	
wind	0.3 m/s	velocity	7.41			10.87		10.75		10.58	9.47		7.41	10.87	
B FINAL - 2013 Windsprint (Sundsvall, SWE)															
date	28-Jul-13	time	4.13			6.96		8.86		10.86	10.86	6 / 6			
reaction time		interval				2.83		1.90		2.00		# of strides	4.13	2.83	
wind	1.1 m/s	velocity	7.26			10.60		10.53		10.00	9.21		7.26	10.60	
B FINAL - 2010 Windsprint (Sundsvall, SWE)															
date	08-Aug-10	time	4.20			7.07		8.99		10.96	10.96	/ 6			
reaction time		interval				2.87		1.92		1.97		# of strides	4.20	2.87	
wind	1.8 m/s	velocity	7.14			10.45		10.42		10.15	9.12		7.14	10.45	
Angell-Petersen, Børge (NOR) (1983)															
C FINAL - 2009 Windsprint (Sundsvall, SWE)															
date	25-Jul-09	time	4.30			7.25		9.21		11.35	11.35	/ 6			
reaction time		interval				2.95		1.96		2.14		# of strides	4.30	2.95	
wind	3.0 m/s	velocity	6.98			10.17		10.20		9.35	8.81		6.98	10.17	
C FINAL - 2007 Windsprint (Sundsvall, SWE)															
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	
Ansh, Owen (GER) (2000)															
Heat 3 - 2024 Olympic Games (Paris, FRA)															
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
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
Ansh-Peprah, Lucas (GER) (2000)															
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)															
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		1.90		# of strides			
wind	-0.2 m/s	velocity	6.73			10.64		10.99		10.99	10.53	9.62	46.5		
Antonov, Nikolay (BUL) (1968)															
FINAL - 1991 European Cup (Frankfurt, GER)															
date	29-Jun-91	time	4.11			6.90		8.76		10.66	10.66	/ 7			
reaction time		interval				2.79		1.86		1.90		# of strides	4.11	2.79	
wind	0.5 m/s	velocity	7.30			10.75		10.75		10.53	9.38		7.30	10.75	
Arao, Shogo (JPN) (1988)															
Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)															
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	0.89	0.90	0.91	0.94	PB	# of strides	3.90
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
Archibald, Emanuel (GUY) (1994)															
Heat 6 - 2024 Olympic Games (Paris, FRA)															
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	
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	
Armfelt, Carl (SWE) (1984)															
Heat 1 - 2016 Windsprint (Sundsvall, SWE)															
date	31-Jul-16	time	4.21			7.05					11.01	11.01	6 / 7		

reaction time	interval		2.84		3.96		# of strides	4.21	2.84
wind	0.7 m/s	velocity	7.13	10.56	10.10	9.08		7.13	10.56

B FINAL - 2015 Windsprint (Sundsvall, SWE)

										<i>(2015) - www.windsprint/Splittider/</i>		
date	26-Jul-15	time	4.10	6.91	8.79	10.72	10.72	7 / 3				
reaction time		interval		2.81	1.88	1.93		# of strides	4.10	2.81		
wind	0.9 m/s	velocity	7.32	10.68	10.64	10.36	9.33		7.32	10.68		

C FINAL - 2014 Windsprint (Sundsvall, SWE)

										<i>(2014) - www.ssg.se/windsprint/Splittider/</i>		
date	20-Jul-14	time	4.10	6.89	8.75	10.65	10.65	5 / 2				
reaction time		interval		2.79	1.86	1.90	PB	# of strides	4.10	2.79		
wind	0.3 m/s	velocity	7.32	10.75	10.75	10.53	9.39		7.32	10.75		

C FINAL - 2013 Windsprint (Sundsvall, SWE)

										<i>(2013) - www.ssg.se/windsprint/Splittider/</i>		
date	28-Jul-13	time	4.13	6.96	8.85	10.81	10.81	4 / 3				
reaction time		interval		2.83	1.89	1.96		# of strides	4.13	2.83		
wind	1.7 m/s	velocity	7.26	10.60	10.58	10.20	9.25		7.26	10.60		

B FINAL - 2012 Windsprint (Sundsvall, SWE)

										<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>		
date	17-Jun-12	time	4.13	7.02	8.92	10.89	10.89	/ 4				
reaction time		interval		2.89	1.90	1.97		# of strides	4.13	2.89		
wind	1.0 m/s	velocity	7.26	10.38	10.53	10.15	9.18		7.26	10.38		

C FINAL - 2010 Windsprint (Sundsvall, SWE)

										<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	/ 2				
reaction time		interval		2.87	1.87	1.94		# of strides	4.18	2.87		
wind	2.6 m/s	velocity	7.18	10.45	10.70	10.31	9.21		7.18	10.45		

Armstrong, Aaron (USA) (1977)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Championships (Palo Alto, CA)																	
<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 / 8 7			
reaction time		interval		1.11	1.02	0.95	0.92	0.88	0.90			2.79		# of strides	4.12	2.75	
wind	1.6 m/s	velocity	5.03	9.01	9.80	10.53	10.87	11.36	11.11			10.75	9.47		7.28	10.91	

Arnold, Jake (USA) (1984)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)																	
<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		interval				1.97		1.96		1.93		2.02	=PB	# of strides			
wind	-0.4 m/s	velocity		6.39		10.15		10.20		10.36		9.90	9.08				

Arnsten, Daniel (SWE) (1982)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)																	
<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	11.10	/ 5			
reaction time		interval					2.93		1.94		2.12			# of strides	4.11	2.93	
wind	1.1 m/s	velocity			7.30		10.24		10.31		9.43	9.01			7.30	10.24	

Arques, José Javier (ESP) (1960)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1989 IAAF World Cup (Barcelona, ESP)																	
<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	/ 7			
reaction time		interval				1.90	0.93	0.92	0.93	0.93		1.86		# of strides			
wind	0.5 m/s	velocity		6.64		10.53	10.75	10.87	10.75	10.75		10.75	9.54		47.1		

Asahara, Nobuharu (JPN) (1972)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)																	
<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 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	/ 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 & 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			
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 & 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			
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 & 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	/ 2			
reaction time		interval		1.05	0.96	0.91	0.91	0.89	0.91	0.91	0.94	0.96		# of strides	3.94	2.71	2.76
wind	-0.2 m/s	velocity	5.18	9.52	10.42	10.99	10.99	11.24	10.99	10.99	10.64	10.42	9.64		7.61	11.07	10.87

A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)

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

date	10-May-08	time	1.95	3.04	4.03	4.98	5.92	6.85	7.80	8.75	9.75	10.83	10.83	/ 8						
reaction time		interval		1.09	0.99	0.95	0.94	0.93	0.95	0.95	1.00	1.08		# of strides	4.03	2.82	2.90			
wind	0.8 m/s	velocity	5.13	9.17	10.10	10.53	10.64	10.75	10.53	10.53	10.00	9.26	9.23		7.44	10.64	10.34			

Heat 1 - 2008 Mikio Oda Memorial (Hiroshima, JPN)

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

date	29-Apr-08	time	1.92	2.96	3.91	4.83	5.72	6.61	7.49	8.37	9.26	10.17	10.17	/ 1						
reaction time		interval		1.04	0.95	0.92	0.89	0.89	0.88	0.88	0.89	0.91		# of strides	3.91	2.70	2.65			
wind	0.6 m/s	velocity	5.21	9.62	10.53	10.87	11.24	11.24	11.36	11.36	11.24	10.99	9.83		7.67	11.11	11.32			

Semi-Final 1 - 2007 IAAF World Championships (Osaka, JPN)

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

date	26-Aug-07	time	1.94	2.99	3.94	4.85	5.75	6.64	7.54	8.45	9.38	10.36	10.36	3 / 8						
reaction time	0.161	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.91	0.93	0.98		# of strides	3.94	2.70	2.74			
wind	0.3 m/s	velocity	5.15	9.52	10.53	10.99	11.11	11.24	11.11	10.99	10.75	10.20	9.65		47.0	7.61	11.11	10.95		

Quarter-Final 1 - 2007 IAAF World Championships (Osaka, JPN)

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

date	25-Aug-07	time	1.91	2.95	3.90	4.80	5.69	6.57	7.44	8.33	9.24	10.16	10.16	4 / 4						
reaction time	0.143	interval		1.04	0.95	0.90	0.89	0.88	0.87	0.89	0.91	0.92		# of strides	3.90	2.67	2.67			
wind	0.8 m/s	velocity	5.24	9.62	10.53	11.11	11.24	11.36	11.49	11.24	10.99	10.87	9.84		46.2	7.69	11.24	11.24		

Heat 1 - 2007 IAAF World Championships (Osaka, JPN)

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

date	25-Aug-07	time	1.90	2.94	3.88	4.77	5.64	6.51	7.38	8.27	9.18	10.14	10.14	1 / 1						
reaction time	0.147	interval		1.04	0.94	0.89	0.87	0.87	0.87	0.89	0.91	0.96		# of strides	3.88	2.63	2.67			
wind	1.0 m/s	velocity	5.26	9.62	10.64	11.24	11.49	11.49	11.49	11.24	10.99	10.42	9.86		7.73	11.41	11.24			

FINAL - 2007 Japanese National Championships (Osaka, JPN)

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

date	01-Jul-07	time	1.91	2.96	3.92	4.83	5.74	6.64	7.55	8.47	9.41	10.39	10.39	/ 2						
reaction time		interval		1.05	0.96	0.91	0.91	0.90	0.91	0.92	0.94	0.98		# of strides	3.92	2.72	2.77			
wind	-0.3 m/s	velocity	5.24	9.52	10.42	10.99	10.99	11.11	10.99	10.87	10.64	10.20	9.62		7.65	11.03	10.83			

FINAL - 2007 Osaka Grand Prix (Osaka, JPN)

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

date	05-May-07	time	1.94	3.00	3.95	4.86	5.76	6.66	7.56	8.48	9.41	10.38	10.38	/ 3						
reaction time		interval		1.06	0.95	0.91	0.90	0.90	0.90	0.92	0.93	0.97		# of strides	3.95	2.71	2.75			
wind	0.4 m/s	velocity	5.15	9.43	10.53	10.99	11.11	11.11	11.11	10.87	10.75	10.31	9.63		7.59	11.07	10.91			

FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN)

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

date	29-Apr-07	time	1.91	2.95	3.90	4.80	5.69	6.56	7.45	8.34	9.25	10.18	10.18	/ 1						
reaction time		interval		1.04	0.95	0.90	0.89	0.87	0.89	0.89	0.91	0.93		# of strides	3.90	2.66	2.69			
wind	2.2 m/s	velocity	5.24	9.62	10.53	11.11	11.24	11.49	11.24	11.24	10.99	10.75	9.82		7.69	11.28	11.15			

FINAL - 2001 ISTAF (Berlin, GER)

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

date	31-Aug-01	time		2.96	3.91	4.82		6.59		8.39		10.30	10.30	/ 6						
reaction time	0.165	interval			0.95	0.91		1.77		1.80		1.91		# of strides	3.91	2.68				
wind	0.6 m/s	velocity		6.76	10.53	10.99		11.30		11.11		10.47	9.71		7.67	11.19				

Aselius, Erik (SWE) (1989)

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

D FINAL - 2009 Windsprint (Sundsvall, SWE)

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

date	25-Jul-09	time			4.39			7.44		9.45		11.56	11.56	/ 2						
reaction time		interval						3.05		2.01		2.11		# of strides	4.39	3.05				
wind	0.9 m/s	velocity			6.83			9.84		9.95		9.48	8.65		6.83	9.84				

Asemota, Duan (CAN) (1996)

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

Heat 4 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.95	3.02	3.98	4.89	5.76	6.64	7.52	8.39	9.29	10.17	10.17	5 / 5						
reaction time	0.143	interval		1.07	0.96	0.91	0.87	0.88	0.88	0.87	0.90	0.88		# of strides	3.98	2.66	2.65			
wind	0.0 m/s	velocity	5.13	9.35	10.42	10.99	11.49	11.36	11.36	11.49	11.11	11.36	9.83		47.0	7.54	11.28	11.32		

Ashe, Favour (NGR) (2002)

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

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

Paris 2024 Olympic Games - Results Book (2024)

date	04-Aug-24	time	1.87	2.94	3.87	4.76	5.65	6.51	7.39	8.27	9.17	10.08	10.08	1 / 6						
reaction time	0.149	interval		1.07	0.93	0.89	0.89	0.86	0.88	0.88	0.90	0.91		# of strides	3.87	2.64	2.66			
wind	0.7 m/s	velocity	5.35	9.35	10.75	11.24	11.24	11.63	11.36	11.36	11.11	10.99	9.92		46.0	7.75	11.36	11.28		

Heat 4 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.92	2.98	3.92	4.82	5.69	6.55	7.43	8.32	9.22	10.16	10.16	3 / 4						
reaction time	0.148	interval		1.06	0.94	0.90	0.87	0.86	0.88	0.89	0.90	0.94		# of strides	3.92	2.63	2.67			
wind	0.0 m/s	velocity	5.21	9.43	10.64	11.11	11.49	11.63	11.36	11.24	11.11	10.64	9.84		46.0	7.65	11.41	11.24		

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

reaction time	0.133	interval	1.09	0.98	0.94	0.92	0.91	0.91	0.92	0.93	0.95	PB	# of strides	3.99	2.77	2.76
wind	1.8 m/s	velocity	5.21	9.17	10.20	10.64	10.87	10.99	10.99	10.87	10.75	10.53	9.55	7.52	10.83	10.87

Ataide, Manuel (TLS) (2001)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Prelim 3 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	03-Aug-24	time	2.14	3.28	4.30	5.28	6.25	7.23	8.24	9.25	10.30	11.35	11.35	9 / 8			
reaction time	0.145	interval	1.14	1.02	0.98	0.97	0.98	1.01	1.01	1.05	1.05	NR PB	# of strides	4.30	2.93	3.07	
wind	0.1 m/s	velocity	4.67	8.77	9.80	10.20	10.31	10.20	9.90	9.90	9.52	9.52	8.81	47.7	6.98	10.24	9.77

Atkins, Derrick (BAH) (1984)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 3 - 2009 IAAF World Championships (Berlin, GER)																
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	15-Aug-09	time	3.04	4.00	4.92		6.70		8.56		10.44	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)																	
<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>																	
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	0.86	0.85	0.86	0.87	NR	# of strides	3.87	2.60	2.57
wind	-0.5 m/s	velocity	5.26	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	10.09	44.2	7.75	11.54	11.67

Semi-Final 1 - 2007 IAAF World Championships (Osaka, JPN)																	
<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																	
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	0.87	0.93		# of strides	3.90	2.62	2.59
wind	0.3 m/s	velocity	5.21	9.52	10.75	11.24	11.49	11.63	11.76	11.49	11.49	10.75	9.96	44.0	7.69	11.45	11.58

Quarter-Final 1 - 2007 IAAF World Championships (Osaka, JPN)																	
<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																	
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	0.86	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)																	
<i>Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>																	
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	0.89	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)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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	0.89	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)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)																	
<i>Omega Timing (2023) - diamond league race analysis</i>																	
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	0.89	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)																
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																
date	20-Jul-14	time		4.25		7.20		9.16		11.15	11.15	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)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - continental tour race analysis</i>														
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)													<i>Longines Timing (2022) - commonwealth games race analysis</i>														
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													
FINAL - 2022 Meeting de Paris (Paris, FRA)													<i>Omega Timing (2022) - diamond league race analysis</i>														
date	18-Jun-22	time		2.99		4.86		6.66		8.44		10.25	10.25	4 / 1													
reaction time	0.182	interval				1.87		1.80		1.78		1.81		# of strides													
wind	-1.6 m/s	velocity		6.69		10.70		11.11		11.24		11.05	9.76														
FINAL - 2022 Bislett Games (Oslo, NOR)													<i>Omega Timing (2022) - diamond league race analysis</i>														
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)													<i>Omega Timing (2024) - diamond league race analysis</i>														
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)													<i>Omega Timing (2024) - diamond league race analysis</i>														
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)													<i>Omega Timing (2024) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - continental tour race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Longines Timing (2022) - commonwealth games race analysis</i>														
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													
FINAL - 2022 FBK Games (Hengelo, NED)													<i>Omega Timing (2022) - continental tour race analysis</i>														
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
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
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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 # of strides 4.38 2.99
wind 1.2 m/s velocity 6.85 10.05 10.00 9.90 9.48 8.70 6.85 10.03

Bah, Sulayman (SWE) (1986) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
A FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*
date 26-Jul-15 time 3.98 6.74 8.57 10.51 10.51 3 / 4
reaction time interval 2.76 1.83 1.94 # of strides 3.98 2.76
wind 1.0 m/s velocity 7.54 10.87 10.93 10.31 9.51 7.54 10.87

Bah, Sulayman (GAM) (1986) **A FINAL - 2014 Windsprint (Sundsvall, SWE)** *(2014) - www.ssg.se/windsprint/Splittider/*
date 20-Jul-14 time 4.06 6.81 8.62 10.48 10.48 8 / 6
reaction time interval 2.75 1.81 1.86 **PB** # of strides 4.06 2.75
wind 1.5 m/s velocity 7.39 10.91 11.05 10.75 9.54 7.39 10.91

B FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*
date 28-Jul-13 time 4.10 6.88 8.73 10.65 10.65 4 / 2
reaction time interval 2.78 1.85 1.92 # of strides 4.10 2.78
wind 1.1 m/s velocity 7.32 10.79 10.81 10.42 9.39 7.32 10.79

Bailey, Daniel (ANT) (1986) **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 2.96 3.95 4.84 5.73 6.61 7.50 8.37 9.28 10.26 10.26 2 / 5
reaction time interval 0.99 0.89 0.89 0.88 0.89 0.87 0.91 0.98 # of strides 3.95 2.66 2.67
wind -1.4 m/s velocity 6.76 10.10 11.24 11.24 11.36 11.24 11.49 10.99 10.20 9.75 48.0 7.59 11.28 11.24

FINAL - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date 16-Aug-09 time 2.92 3.85 4.73 6.48 8.18 9.93 9.93 3 / 4
reaction time interval 0.129 0.93 0.88 1.75 1.70 1.75 # of strides 3.85 2.63
wind 0.9 m/s velocity 6.85 10.75 11.36 11.43 11.76 11.43 10.07 7.79 11.41

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date 16-Aug-09 time 2.93 3.86 4.74 6.49 8.19 9.96 9.96 4 / 2
reaction time interval 0.135 0.93 0.88 1.75 1.70 1.77 # of strides 3.86 2.63
wind 0.2 m/s velocity 6.83 10.75 11.36 11.43 11.76 11.30 10.04 48.0 7.77 11.41

Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date 15-Aug-09 time 2.99 3.89 4.74 6.49 8.20 10.02 10.02 3 / 1
reaction time interval 0.149 0.90 0.85 1.75 1.71 1.82 # of strides 3.89 2.60
wind 0.1 m/s velocity 6.69 11.11 11.76 11.43 11.70 10.99 9.98 7.71 11.54

Heat 5 - 2009 IAAF World Championships (Berlin, GER) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*
date 15-Aug-09 time 2.99 3.93 4.83 6.63 8.42 10.26 10.26 6 / 1
reaction time interval 0.164 0.94 0.90 1.80 1.79 1.84 # of strides 3.93 2.70
wind -0.7 m/s velocity 6.69 10.64 11.11 11.11 11.17 10.87 9.75 7.63 11.11

FINAL - 2009 ISTAF (Berlin, GER) *Graubner (2009) - http://www.fgs.uni-halle.de*
date 14-Jun-09 time 2.96 3.89 4.78 6.51 8.26 10.03 10.03 / 1
reaction time interval 0.204 0.93 0.89 1.73 1.75 1.77 # of strides 3.89 2.62
wind 1.4 m/s velocity 6.76 10.75 11.24 11.56 11.43 11.30 9.97 7.71 11.45

Bailey, Donovan (CAN) (1967) **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 2.80 3.71 4.58 5.43 6.28 7.13 7.99 8.86 9.76 9.91 4 / 2
reaction time interval 0.145 1.03 0.91 0.87 0.85 0.85 0.86 0.87 0.90 # of strides 3.71 2.57 2.58
wind 0.2 m/s velocity 5.65 9.71 10.99 11.49 11.76 11.76 11.76 11.63 11.49 11.11 10.09 44.5 8.09 11.67 11.63

FINAL - 1997 Live (Nurnberg, GER)

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	<i>Grosser (2007) - Schnelligkeitsairtraining</i>			
reaction time		interval		1.02	0.91	0.87	0.86	0.85	0.88	0.87	0.88	0.88		# of strides	3.85	2.58	2.63
wind	0.5 m/s	velocity	5.21	9.80	10.99	11.49	11.63	11.76	11.36	11.49	11.36	11.36	10.06		7.79	11.63	11.41

FINAL - 1996 Olympic Games (Atlanta, GA)

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	<i>Grosser (2007) - Schnelligkeitsairtraining</i>			
reaction time	0.174	interval		1.03	0.91	0.87	0.84	0.84	0.85	0.85	0.86	0.89	WR	# of strides	3.84	2.55	2.56
wind	0.7 m/s	velocity	5.26	9.71	10.99	11.49	11.90	11.90	11.76	11.76	11.63	11.24	10.16		44.0	7.81	11.76

FINAL - 1996 Leichtathletik Gala (Duisburg, GER)

date	12-Jun-96	time	1.90		3.84		6.41		8.12		9.88	9.88	<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
reaction time		interval			1.94		2.57		1.71		1.76		# of strides	3.84	2.57		
wind	4.0 m/s	velocity	5.26		10.31		11.67		11.70		11.36	10.12		7.81	11.67		

Bailey, Ryan (USA) (1989)

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

Bakalár, Marek (CZE) (1995)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<i>Feher (2013) - Final report from the men's & 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		interval		1.01	0.99	0.90	0.91	0.89	0.91	0.93	0.95	0.98	PB	# of strides	3.97	2.70	2.79
wind	0.8 m/s	velocity	5.08	9.90	10.10	11.11	10.99	11.24	10.99	10.75	10.53	10.20	9.58		7.56	11.11	10.75

Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)

<i>Feher (2013) - Final report from the men's & 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		interval				1.92		1.83		1.87		1.94		# of strides			
wind	-1.2 m/s	velocity		6.60		10.42		10.93		10.70		10.31	9.44				

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

<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		interval		1.10	1.00	0.96	0.93	0.98						# of strides	4.03	2.87	
		velocity	5.18	9.09	10.00	10.42	10.75	10.20					8.70		7.44	10.45	

Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)

<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		interval		1.11	0.98	0.95	0.94	0.95						# of strides	4.03	2.84	
		velocity	5.15	9.01	10.20	10.53	10.64	10.53					8.73		7.44	10.56	

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

<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		interval		1.14	0.99	0.94	0.96	0.95						# of strides	4.05	2.85	
		velocity	5.21	8.77	10.10	10.64	10.42	10.53					8.70		7.41	10.53	

Baker, Ronnie (USA) (1993)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<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		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	11.19

FINAL - 2023 FBK Games (Hengelo, NED)

<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		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		7.73	11.24	11.32

FINAL - 2021 Weltklasse (Zürich, SUI)

<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		interval				1.80		1.70		1.80		1.71		# of strides			
wind	-0.4 m/s	velocity		6.90		11.11		11.76		11.11		11.70	10.09		44.7		

FINAL - 2021 Prefontaine Classic (Eugene, OR)

<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		interval				1.70		1.70		1.70		1.72		# of strides			
wind	2.9 m/s	velocity		6.67		11.76		11.76		11.76		11.63	10.18		45.2		

FINAL - 2020 Olympic Games (Tokyo, JPN)

<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	9.95	7 / 5			
reaction time		interval					2.62		3.52		1.80			# of strides	3.81	2.62	
wind	0.1 m/s	velocity			7.87		11.45		5.68		11.11	10.05			45.2	7.87	11.45

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

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

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	6.5	8.2	9.91	9.91	3 / 1			
reaction time	0.176	interval		1.80	1.70	1.70	1.71		# of strides			
wind	0.3 m/s	velocity	6.67	11.11	11.76	11.76	11.70	10.09	45.5			

Omega Timing (2021) - diamond league race analysis

FINAL - 2021 Bauhaus Galan (Stockholm, SWE)

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

Omega Timing (2021) - diamond league race analysis

FINAL - 2020 Millrose Games (New York, NY)

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

PrimeTime Timing (2020) - <http://results.nyrrmillrosegames.org/>

Balcerzak, Piotr (POL) (1975)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
B FINAL 1 - 2001 European Cup (Bremen, GER)																
date	23-Jun-01	time	3.02	4.01	4.95	6.80	8.63	10.51	10.51	10.51	10.51	/ 1				
reaction time	0.149	interval		0.99	0.94	1.85	1.83	1.88				# of strides	4.01	2.79		
wind	0.6 m/s	velocity	6.62	10.10	10.64	10.81	10.93	10.64	9.51		9.51		7.48	10.75		

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

Bangura, Gibrilla Pato (SLE) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2008 Windsprint (Sundsvall, SWE)																
date	06-Jul-08	time		4.05		6.83	8.67	10.59	10.59	10.59	10.59	7 / 6				
reaction time		interval				2.78	1.84	1.92				# of strides	4.05	2.78		
wind	1.6 m/s	velocity		7.41		10.79	10.87	10.42	9.44		9.44		7.41	10.79		

(2008) - www.ssg.se/en/Windsprint/Split-times/

Bardi, Felipe (BRA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 1 - 2024 Olympic Games (Paris, FRA)																
date	03-Aug-24	time	1.97	3.02	3.97	4.88	5.76	6.63	7.52	8.40	9.31	10.18	10.18	2 / 4		
reaction time	0.137	interval		1.05	0.95	0.91	0.88	0.87	0.89	0.88	0.91	0.87		# of strides	3.97	2.66
wind	0.6 m/s	velocity	5.08	9.52	10.53	10.99	11.36	11.49	11.24	11.36	10.99	11.49	9.82	44.7	7.56	11.28

Paris 2024 Olympic Games - Results Book (2024)

Barkhall, Matias (NOR) (1983)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
D FINAL - 2009 Windsprint (Sundsvall, SWE)																
date	25-Jul-09	time		4.41		7.73	9.85	12.16	12.16	12.16	12.16	/ 4				
reaction time		interval				3.32	2.12	2.31				# of strides	4.41	3.32		
wind	0.9 m/s	velocity		6.80		9.04	9.43	8.66	8.22		8.22		6.80	9.04		

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

Barnes, Winston (JAM) (1988)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2010 Windsprint (Sundsvall, SWE)																
date	08-Aug-10	time		3.95		6.67	8.47	10.37	10.37	10.37	10.37	/ 2				
reaction time		interval				2.72	1.80	1.90				# of strides	3.95	2.72		
wind	0.7 m/s	velocity		7.59		11.03	11.11	10.53	9.64		9.64		7.59	11.03		

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

FINAL - 2009 Windsprint (Sundsvall, SWE)

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

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

Barnett, Brian (CAN) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 9 - 2009 IAAF World Championships (Berlin, GER)																
date	15-Aug-09	time	3.08	4.05	4.97	6.79	8.58	10.42	10.42	10.42	10.42	8 / 4				
reaction time	0.167	interval		0.97	0.92	1.82	1.79	1.84				# of strides	4.05	2.74		
wind	-0.5 m/s	velocity	6.49	10.31	10.87	10.99	11.17	10.87	9.60		9.60		7.41	10.95		

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

Barras, Romain (FRA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)																
date	19-Aug-09	time	3.20		5.21	7.18	9.12	11.14	11.14	11.14	11.14	4 / 7				
reaction time	0.158	interval			2.01	1.97	1.94	2.02				# of strides				
wind	-0.4 m/s	velocity	6.25		9.95	10.15	10.31	9.90	8.98		8.98					

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

Barrow, Owaab (QAT) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)																
date	10-May-24	time	1.89	2.98	3.95	4.88	5.78	6.68	7.60	8.52	9.48	10.44	10.44	4 / 4		
reaction time	0.117	interval		1.09	0.97	0.93	0.90	0.90	0.92	0.92	0.96	0.96		# of strides	3.95	2.73

Omega Timing (2024) - diamond league race analysis

wind 3.8 m/s velocity 5.29 9.17 10.31 10.75 11.11 11.11 10.87 10.87 10.42 10.42 9.58 7.59 10.99 10.71

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

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

Bárta, Tomáš (CZE) (1995)

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

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

date 28-Jun-14 time 2.03 3.13 4.18 5.16 6.12 7.11 8.09 9.10 10.12 11.24 11.24 5 / 6
 reaction time 0.153 interval 1.10 1.05 0.98 0.96 0.99 0.98 1.01 1.02 1.12 # of strides 4.18 2.93 3.01
 wind -3.4 m/s velocity 4.93 9.09 9.52 10.20 10.42 10.10 10.20 9.90 9.80 8.93 8.90 7.18 10.24 9.97

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

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

Bascorn, Jeremy (GUY) (1981)

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

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

date 08-Feb-20 time 3.10 4.04 4.98 5.90 6.81 6.81 8 / 7
 reaction time 0.160 interval 0.94 0.94 0.92 0.91 # of strides 4.04 2.77
 velocity 6.45 10.64 10.64 10.87 10.99 8.81 31.7 7.43 10.83

Bednarek, Kenneth (USA) (1998)

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

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

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

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

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

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

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

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

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

Behrenbruch, Pascal (GER) (1985)

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

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

date 19-Aug-09 time 3.10 5.07 7.00 8.92 10.92 10.92 4 / 2
 reaction time 0.135 interval 1.97 1.93 1.92 2.00 # of strides
 wind 0.0 m/s velocity 6.45 10.15 10.36 10.42 10.00 9.16

Belcher, Christopher (USA) (1994)

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

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

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

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

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

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

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

Benda, Ondrej (CZE) (1985)

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

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

date 15-Jun-13 time 2.05 3.15 4.15 5.11 6.06 6.99 7.93 8.87 9.84 10.83 10.83 2 / 6
 reaction time 0.174 interval 1.10 1.00 0.96 0.95 0.93 0.94 0.94 0.97 0.99 # of strides 4.15 2.84 2.85
 wind 0.8 m/s velocity 4.88 9.09 10.00 10.42 10.53 10.75 10.64 10.64 10.31 10.10 9.23 7.23 10.56 10.53

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

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

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

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

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

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

Benda, Pavel (CZE) (1992)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)***Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	1.98	3.13	4.18	5.16	6.11	7.09	7.09	6 / 4
reaction time	0.147	interval		1.15	1.05	0.98	0.95	0.98		# of strides
		velocity	5.05	8.70	9.52	10.20	10.53	10.20	8.46	4.18 2.91 7.18 10.31

Berggren, Marcus (SWE) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2016 Windsprint (Sundsvall, SWE)***(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.32		7.31		11.38	11.38	6 / 6
reaction time		interval				2.99		4.07		# of strides
wind	0.7 m/s	velocity		6.94		10.03		9.83	8.79	4.32 2.99 6.94 10.03

Bergvall, Eric (SWE) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****G FINAL - 2011 Windsprint (Sundsvall, SWE)***(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.44		7.50		9.60	11.80	11.80	3 / 2
reaction time		interval				3.06		2.10	2.20		# of strides
wind	1.4 m/s	velocity		6.76		9.80		9.52	9.09	8.47	4.44 3.06 6.76 9.80

Berlanga, Carlos (ESP) (1972)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL 2 - 2001 European Cup (Bremen, GER)***Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.02	4.01	4.95		6.79	8.65	10.55	10.55	/ 3
reaction time	0.142	interval			0.99	0.94		1.84	1.86	1.90		# of strides
wind	1.3 m/s	velocity		6.62	10.10	10.64		10.87	10.75	10.53	9.48	4.01 2.78 7.48 10.79

Bernátek, David (CZE) (1995)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)***Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.37	5.50	7.56		9.64	11.75	11.75	4 / 5	
reaction time	0.195	interval			2.13	2.06		2.08	2.11		# of strides	
wind	-2.5 m/s	velocity		5.93	9.39	9.71		9.62	9.48	8.51		

Bibi, Noah (MRI) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 7 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.86	2.93	3.87	4.76	5.65	6.53	7.43	8.33	9.26	10.19	10.19	3 / 6
reaction time	0.134	interval		1.07	0.94	0.89	0.89	0.88	0.90	0.90	0.93	0.93		# of strides
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 3.87 2.66 2.73 7.75 11.28 10.99

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

date	03-Aug-24	time	1.90	2.97	3.90	4.80	5.69	6.57	7.47	8.39	9.32	10.27	10.27	2 / 1
reaction time	0.148	interval		1.07	0.93	0.90	0.89	0.88	0.90	0.92	0.93	0.95		# of strides
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 3.90 2.67 2.75 7.69 11.24 10.91

Bifuko, Patrick Monga (NOR) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****National FINAL - 2021 Bislett Games (Oslo, NOR)***Omega Timing (2021) - diamond league race analysis*

date	01-Jul-21	time		3.1		5.1		7.0	8.8	10.78	10.78	7 / 5	
reaction time	0.135	interval				2.00		1.90	1.80	1.98		# of strides	
wind	0.2 m/s	velocity		6.45		10.00		10.53	11.11	10.10	9.28		

Biron, Emmanuel (FRA) (1988)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2013 European Indoor Championships (Göteborg, SWE)***Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	02-Mar-13	time		2.95		4.83		6.63		6.63		2 / 8
reaction time	0.151	interval				1.88		1.80				# of strides
		velocity		6.78		10.64		11.11		9.05		29.0

Blackwell, Jaydin (USA) (2004) (T38)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Para FINAL - 2023 Prefontaine Classic (Eugene, OR)***Omega Timing (2023) - diamond league race analysis*

date	17-Sep-23	time	2.11	3.21	4.22	5.19	6.14	7.09	8.05	9.02	10.00	11.01	11.01	8 / 3
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reaction time	0.204	interval	1.10	1.01	0.97	0.95	0.95	0.96	0.97	0.98	1.01		# of strides	4.22	2.87	2.91	
wind	0.0 m/s	velocity	4.74	9.09	9.90	10.31	10.53	10.53	10.42	10.31	10.20	9.90	9.08	47.0	7.11	10.45	10.31
Blake, Ackeem (JAM) (2002)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Memorial van damme (Brussels, BEL)													<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	9.93	3 / 1			
reaction time	0.151	interval	1.03	0.93	0.89	0.86	0.86	0.86	0.86	0.88	0.87			# of strides	3.85	2.61	2.60
wind	0.1 m/s	velocity	5.29	9.71	10.75	11.24	11.63	11.63	11.63	11.63	11.36	11.49	10.07	45.5	7.79	11.49	11.54
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)													<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
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													<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		=PB	# of strides	3.85	2.60	2.56
wind	1.9 m/s	velocity	5.29	9.71	10.75	11.36	11.49	11.76	11.90	11.63	11.63	11.36	10.11	46.0	7.79	11.54	11.72
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc 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
Heat 6 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc 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
FINAL - 2024 London Athletics Meet (London, GBR)													<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
FINAL - 2024 Prefontaine Classic (Eugene, OR)													<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
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)													<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
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)													<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
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													<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
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)													<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		
Blake, Jerome (CAN) (1995)			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)													<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
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													<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
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)													<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)													<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	1 / 6																		
reaction time	0.147	interval		1.90	1.80	1.70	1.78		# of strides																		
wind	-0.8 m/s	velocity	6.67	10.53	11.11	11.76	11.24	9.82	42.7																		
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2021) - diamond league race analysis</i>														
date	04-Jul-21	time	3.0	4.9	6.7	8.4	10.15	10.15	3 / 1																		
reaction time	0.140	interval		1.90	1.80	1.70	1.75	PB	# of strides																		
wind	0.5 m/s	velocity	6.67	10.53	11.11	11.76	11.43	9.85	42.2																		
Blake, Yohan (JAM) (1989)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 London Athletics Meet (London, GBR)													<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)													<i>Omega Timing (2024) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - continental tour race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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)													<i>Omega Timing (2022) - diamond league race analysis</i>														
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)													<i>Omega Timing (2022) - diamond league race analysis</i>														
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)										<i>Omega Timing (2022) - continental tour race analysis</i>									
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	1.81	# of strides										
wind	-0.3 m/s	velocity	6.90	11.11	11.11	11.11	11.05	9.89	47.0										
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)										<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	1.82	# of strides										
wind	-0.2 m/s	velocity	6.83	10.70	11.24	11.24	10.99	9.82	46.7										
FINAL - 2019 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	10.07	10.07	2 / 3										
reaction time	0.170	interval		1.9	1.7	1.8	1.67	1.67	# of strides										
wind	-0.4 m/s	velocity	6.67	10.53	11.76	11.11	11.98	9.93	46.0										
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)										<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	1.77	# of strides										
wind	2.0 m/s	velocity	6.67	10.53	11.76	11.76	11.30	9.93	46.0										
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)										<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	1.78	# of strides										
wind	-0.3 m/s	velocity	6.67	10.53	11.76	11.11	11.24	9.82											
FINAL - 2017 IAAF World Championships (London, GBR)										<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	0.87	# of strides	3.83	2.67	2.62		
wind	-0.8 m/s	velocity	5.29	9.71	10.99	11.11	11.24	11.36	11.49	11.36	11.49	11.49	10.01	46.1	7.83	11.24	11.45		
FINAL - 2012 Olympic Games (London, GBR)										<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	=PB	# of strides	3.76	2.56	2.55		
wind	1.5 m/s	velocity	5.46	9.71	11.11	11.76	11.63	11.76	11.90	11.76	11.63	11.36	10.26	45.7	7.98	11.72	11.76		
FINAL - 2011 IAAF World Championships (Daegu, KOR)										<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	0.88	# of strides	3.83	2.58	2.59		
wind	-1.4 m/s	velocity	5.35	9.80	10.64	11.49	11.63	11.76	11.63	11.63	11.49	11.36	10.08	47.0	7.83	11.63	11.58		
Blanton, DaBryan (USA) (1984)																			
FINAL - 2009 Meeting Pas de Calais (Lievin, FRA)										<i>Vazel (2009) - http://futuraanterior.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	3.90	2.71			
		velocity		7.69	11.05	11.11							9.08	29.2	7.69	11.07			
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA)										<i>Vazel (2009) - http://futuraanterior.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	3.91	2.76			
		velocity		7.67	10.81	10.99							9.00	29.0	7.67	10.87			
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)										<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	3.95	2.71	2.83		
wind	-1.2 m/s	velocity	5.08	9.35	10.99	10.99	11.24	10.99	10.75	10.75	10.31	10.64	9.59	45.7	7.59	11.07	10.60		
FINAL - 2005 USATF National Championships (Carson, CA)										<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	3.98	2.76	2.77		
wind	-2.3 m/s	velocity	5.00	9.62	10.64	10.64	10.87	11.11	11.11	10.75	10.64	10.53	9.56	45.7	7.54	10.87	10.83		
Blume, Holger (GER) (1973)																			
??? - 1994 DLV Gala (Duisburg, GER)										<i>Stein (1994) - fur sprinter - das training vom 1994</i>									
date	??	time		4.01		6.76							10.47	10.47	??				
reaction time		interval				2.75								# of strides	4.01	2.75			
wind	??	velocity		7.48		10.91							9.55		7.48	10.91			
??? - 1993 German National Championships (Duisburg, GER)										<i>Stein (1994) - fur sprinter - das training vom 1994</i>									
date	??	time		3.97		6.76							10.54	10.54	??				
reaction time		interval				2.79								# 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		
Blume, Marc (GER) (1973)			Semi-Final 2 - 2002 European Championships (Munich, GER)																
Graubner (2009) - http://www.fgs.uni-halle.de																			
date	07-Aug-02	time	2.97	3.94	4.87		6.68	8.50		10.38		10.38		/ 6					
reaction time	0.151	interval		0.97	0.93		1.81	1.82		1.88		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		10.64		9.63	7.61	10.95			
Heat 1 - 2002 European Championships (Munich, GER)			Graubner (2009) - http://www.fgs.uni-halle.de																
date	06-Aug-02	time	2.98	3.95	4.87		6.68	8.47		10.33		10.33		/ 2-1					
reaction time	0.154	interval		0.97	0.92		1.81	1.79		1.86		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		10.75		9.68	7.59	10.99			
FINAL - 1997 European Cup (Munich, GER)			Jung (2003) - http://www.fgs.uni-halle.de																
date	21-Jun-97	time	1.93	3.96			6.67			10.35		10.35		/ 5					
reaction time		interval		2.03			2.71			3.68		3.68		# of strides	3.96	2.71			
wind	0.2 m/s	velocity	5.18	9.85			11.07			10.87		10.87		9.66	7.58	11.07			
FINAL - 1994 DLV Gala (Duisburg, GER)			Stein (1994) - <i>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		1.83		PB	# of strides	3.94	2.68		
wind	1.9 m/s	velocity		7.61			11.19	11.17		10.93		10.93		9.77	7.61	11.19			
Quarter-Final 2 - 1993 IAAF World Championships (Stuttgart, GER)			Busemann (2001) - <i>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		1.85		# of strides	3.93	2.72			
wind	-0.1 m/s	velocity		7.63			11.03	10.99		10.81		10.81		9.69	45.2	7.63	11.03		
FINAL - 1993 German National Championships (Duisburg, GER)			Stein (1994) - <i>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		1.89		PB	# of strides	3.85	2.72		
wind	-0.8 m/s	velocity		7.79			11.03	10.87		10.58		10.58		9.71	7.79	11.03			
FINAL - 1991 European Junior Championships (Thessaloniki, GRE)			Stein (1993) - <i>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	0.99		PB	# of strides	4.04	2.78	2.83
wind	-0.4 m/s	velocity	5.10	9.35	9.90	10.64	11.11	10.64	10.64	10.64	10.53	10.10	9.40		9.40	7.43	10.79	10.60	
Bodrov, Igor (UKR) (1987)			10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																
FINAL - 2010 Windsprint (Sundsvall, SWE)			(2010) - www.ssg.se/en/Windsprint/Split-times/																
date	08-Aug-10	time		4.04			6.80	8.65		10.58		10.58		/ 6					
reaction time		interval					2.76	1.85		1.93		1.93		# of strides	4.04	2.76			
wind	0.7 m/s	velocity		7.43			10.87	10.81		10.36		10.36		9.45	7.43	10.87			
Bøe, Filip (NOR) (2000)			10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																
National FINAL - 2021 Bislett Games (Oslo, NOR)			Omega Timing (2021) - <i>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		1.88		PB	# of strides				
wind	0.2 m/s	velocity	6.67		10.00		10.53	10.53		10.64		10.64		9.36					
Bogaert, Mateo (BEL) (2006)			10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)			Omega Timing (2023) - <i>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		
Boldon, Ato (TTO) (1973)			10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																
FINAL - 1997 IAAF World Championships (Athens, GRE)			Ritzdorf (1997) - <i>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	
FINAL - 1996 Olympic Games (Atlanta, CA)			Grosser (2007) - <i>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		PB	# of strides	3.83	2.57	2.60	
wind	0.7 m/s	velocity	5.29	9.80	10.87	11.36	11.76	11.90	11.76	11.49	11.36	11.11	10.10		45.5	7.83	11.67	11.54	
Bolt, Usain (JAM) (1986)			10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																
FINAL - 2017 IAAF World Championships (London, GBR)			Leeds Beckett Univ. (2017) - <i>preliminary analysis of the men's 100m final</i>																
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	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)

Mačkala (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	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	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	1.87	# of strides	3.88	2.67	
wind	-0.5 m/s	velocity	6.80	10.64	11.24		11.24		11.24		10.70	9.80		7.73	11.24	

FINAL - 2008 Olympic Games (Beijing, CHN)

Schrader (2008) - jamaikas 'lightning bolt'

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

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

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

Borzor, Christopher (HAI) (1999)

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

Heat 8 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.92	2.98	3.93	4.84	5.74	6.63	7.53	8.43	9.33	10.28	10.28	1 / 5			
reaction time	0.147	interval		1.06	0.95	0.91	0.90	0.89	0.90	0.90	0.90	0.95		# of strides	3.93	2.70	2.70
wind	0.2 m/s	velocity	5.21	9.43	10.53	10.99	11.11	11.24	11.11	11.11	11.11	10.53	9.73	47.0	7.63	11.11	11.11

Prelim 4 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.96	3.04	4.00	4.92	5.81	6.68	7.57	8.46	9.36	10.26	10.26	2 / 1			
reaction time	0.147	interval		1.08	0.96	0.92	0.89	0.87	0.89	0.89	0.90	0.90		# of strides	4.00	2.68	2.68
wind	0.2 m/s	velocity	5.10	9.26	10.42	10.87	11.24	11.49	11.24	11.24	11.11	11.11	9.75	47.2	7.50	11.19	11.19

Borzov, Valeriy (URS) (1949)

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

FINAL - 1972 Olympic Games (Munich, FRG)

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

date	01-Sep-72	time	1.91	2.95	3.91	4.82	5.72	6.58	7.46	8.35	9.24	10.14	10.14	2 / 1			
reaction time		interval		1.04	0.96	0.91	0.90	0.86	0.88	0.89	0.89	0.90		# of strides	3.91	2.67	2.66
wind	0.3 m/s	velocity	5.24	9.62	10.42	10.99	11.11	11.63	11.36	11.24	11.24	11.11	9.86	46.5	7.67	11.24	11.28

Bossé, Béranger (CAF) (1985)

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

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

date	06-Jul-08	time			4.03			6.83		8.73		10.73	10.73	1 / 8					
reaction time		interval						2.80		1.90		2.00		# of strides	4.03	2.80			
wind	1.6 m/s	velocity			7.44			10.71		10.53		10.00	9.32	48.5	7.44	10.71			
Bouju, Raphael (NED) (2002)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	02-Jul-23	time	1.89	2.96	3.93	4.84	5.74	6.63	7.51	8.41	9.31	10.24	10.24	6 / 4					
reaction time	0.142	interval		1.07	0.97	0.91	0.90	0.89	0.88	0.90	0.90	0.93		# of strides	3.93	2.70	2.68		
wind	1.0 m/s	velocity	5.29	9.35	10.31	10.99	11.11	11.24	11.36	11.11	11.11	10.75	9.77	46.0	7.63	11.11	11.19		
FINAL - 2023 FBK Games (Hengelo, NED)													<i>Omega Timing (2023) - continental tour race analysis</i>						
date	04-Jun-23	time	1.86	2.91	3.86	4.76	5.65	6.53	7.41	8.29	9.17	10.09	10.09	8 / 3					
reaction time	0.140	interval		1.05	0.95	0.90	0.89	0.88	0.88	0.88	0.88	0.92	PB	# of strides	3.86	2.67	2.64		
wind	0.4 m/s	velocity	5.38	9.52	10.53	11.11	11.24	11.36	11.36	11.36	11.36	10.87	9.91	45.5	7.77	11.24	11.36		
Bouraada, Larbi (ALG) (1988)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>						
date	19-Aug-09	time		3.10		5.04		6.92		8.77		10.68	10.68	1 / 6					
reaction time	0.131	interval				1.94		1.88		1.85		1.91	PB	# of strides					
wind	0.2 m/s	velocity		6.45		10.31		10.64		10.81		10.47	9.36						
Bracy-Williams, Marvin (USA) (1993)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2023 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	16-Sep-23	time	1.90	2.93	3.86	4.75	5.62	6.48	7.35	8.21	9.09	10.01	10.01	8 / 5					
reaction time	0.136	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.86	0.88	0.92		# of strides	3.86	2.62	2.61		
wind	0.1 m/s	velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.63	11.36	10.87	9.99	47.0	7.77	11.45	11.49		
FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	02-Sep-23	time	1.89	2.94	3.87	4.76	5.63	6.50	7.36	8.23	9.11	10.02	10.02	7 / 5					
reaction time	0.125	interval		1.05	0.93	0.89	0.87	0.87	0.86	0.87	0.88	0.91		# of strides	3.87	2.63	2.61		
wind	0.4 m/s	velocity	5.29	9.52	10.75	11.24	11.49	11.49	11.63	11.49	11.36	10.99	9.98	47.0	7.75	11.41	11.49		
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	16-Jul-23	time	1.91	2.95	3.89	4.79	5.66	6.53	7.40	8.28	9.18	10.10	10.10	3 / 6					
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.90	0.92		# of strides	3.89	2.64	2.65		
wind	0.0 m/s	velocity	5.24	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.11	10.87	9.90	47.0	7.71	11.36	11.32		
FINAL - 2023 FBK Games (Hengelo, NED)													<i>Omega Timing (2023) - continental tour race analysis</i>						
date	04-Jun-23	time	1.88	2.94	3.88	4.77	5.65	6.52	7.40	8.28	9.16	10.10	10.10	5 / 4					
reaction time	0.142	interval		1.06	0.94	0.89	0.88	0.87	0.88	0.88	0.88	0.94		# of strides	3.88	2.64	2.64		
wind	0.4 m/s	velocity	5.32	9.43	10.64	11.24	11.36	11.49	11.36	11.36	11.36	10.64	9.90	47.0	7.73	11.36	11.36		
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	02-Jun-23	time	1.94	2.98	3.92	4.82	5.70	6.58	7.46	8.34	9.24	10.23	10.23	5 / 8					
reaction time	0.212	interval		1.04	0.94	0.90	0.88	0.88	0.88	0.88	0.90	0.99		# of strides	3.92	2.66	2.66		
wind	0.0 m/s	velocity	5.15	9.62	10.64	11.11	11.36	11.36	11.36	11.36	11.11	10.10	9.78	47.5	7.65	11.28	11.28		
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)													<i>Omega Timing (2022) - diamond league race analysis</i>						
date	06-Aug-22	time		2.90		4.73		6.46		8.20		10.00	10.00	6 / 2					
reaction time	0.130	interval				1.83		1.73		1.74		1.80		# of strides					
wind	-0.7 m/s	velocity		6.90		10.93		11.56		11.49		11.11	10.00	47.7					
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2021) - diamond league race analysis</i>						
date	04-Jul-21	time		3.0		4.8		6.6		8.4		10.19	10.19	5 / 7					
reaction time	0.132	interval				1.80		1.80		1.80		1.79		# of strides					
wind	-0.8 m/s	velocity		6.67		11.11		11.11		11.11		11.17	9.81	48.0					
FINAL - 2020 Millrose Games (New York, NY)													<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>						
date	08-Feb-20	time		3.11	4.04	4.94	5.84	6.67					6.67	6 / 4					
reaction time	0.171	interval			0.93	0.90	0.90	0.83						# of strides	4.04	2.63			
		velocity		6.43	10.75	11.11	11.11	12.05					9.00	31.2	7.43	11.41			
Brathwaite, Rikki (IVB) (1999)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>						
date	04-Aug-24	time	1.86	2.94	3.91	4.81	5.70	6.57	7.45	8.34	9.24	10.15	10.15	2 / 8					
reaction time	0.129	interval		1.08	0.97	0.90	0.89	0.87	0.88	0.89	0.90	0.91		# of strides	3.91	2.66	2.67		
wind	0.7 m/s	velocity	5.38	9.26	10.31	11.11	11.24	11.49	11.36	11.24	11.11	10.99	9.85	47.0	7.67	11.28	11.24		
Heat 6 - 2024 Olympic Games (Paris, FRA)													<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		

FINAL - 2024 Prefontaine Classic (Eugene, OR)													<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
Brännström, André (SWE) (1987) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2012 Windsprint (Sundsvall, SWE)													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
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	
C FINAL - 2010 Windsprint (Sundsvall, SWE)													<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	
FINAL - 2007 Windsprint (Sundsvall, SWE)													<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	
Bringmann, Steffen (GER) (1964) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)													<i>Federle (2003) - http://www.fgs.uni-halle.de</i>				
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	
Broening, Marius (GER) (1983) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time		3.06	4.04	4.97		6.79		8.66		10.56	10.56	/ 3			
reaction time	0.205	interval			0.98	0.93		1.82		1.87		1.90		# of strides	4.04	2.75	
wind	1.5 m/s	velocity		6.54	10.20	10.75		10.99		10.70		10.53	9.47		7.43	10.91	
Bromby, Oliver (GBR) (1998) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)													<i>Omega Timing (2019) - diamond league race analysis</i>				
date	18-Aug-19	time		3.1		5.0		6.8		8.6		10.44	10.44	2 / 7			
reaction time	0.158	interval			1.9		1.8		1.8		1.84			# of strides			
wind	-0.3 m/s	velocity		6.45		10.53		11.11		11.11		10.87	9.58				
Bromell, Trayvon (USA) (1995) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	02-Jun-23	time	1.90	2.93	3.88	4.78	5.66	6.54	7.41	8.29	9.17	10.09	10.09	6 / 3			
reaction time	0.162	interval		1.03	0.95	0.90	0.88	0.88	0.87	0.88	0.88	0.92		# of strides	3.88	2.66	2.63
wind	0.0 m/s	velocity	5.26	9.71	10.53	11.11	11.36	11.36	11.49	11.36	11.36	10.87	9.91	47.0	7.73	11.28	11.41
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)													<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
FINAL - 2022 Weltklasse (Zürich, SUI)													<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			
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)													<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			
FINAL - 2022 Prefontaine Classic (Eugene, OR)													<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			
FINAL - 2021 Weltklasse (Zürich, SUI)													<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			
FINAL - 2021 Memorial van Damme (Brussels, BEL)													<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									
FINAL - 2021 Prefontaine Classic (Eugene, OR) <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									
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR) <i>Omega Timing (2021) - diamond league race analysis</i>																		
date	13-Jul-21	time	3.0	4.8	6.5	8.3	9.98	9.98	4 / 1									
reaction time	0.173	interval		1.80	1.70	1.80	1.68		# of strides									
wind	0.4 m/s	velocity	6.67	11.11	11.76	11.11	11.90	10.02	47.2									
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON) <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									
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA) <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								
		velocity	4.67	9.71	10.42	10.75	11.11	11.36	8.77	31.0	4.13	2.71	7.26	11.07				
Brorsson, Alexander (SWE) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
A FINAL - 2015 Windsprint (Sundsvall, SWE) <i>(2015) - www.windsprint/Splittider/</i>																		
date	26-Jul-15	time		4.07		6.90	8.88	11.14	11.14	7 / 7								
reaction time		interval				2.83	1.98	2.26		# of strides	4.07	2.83						
wind	1.0 m/s	velocity		7.37		10.60	10.10	8.85	8.98		7.37	10.60						
Heat 8 - 2013 Windsprint (Sundsvall, SWE) <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						
Broström, Niklas (SWE) (1977) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
C FINAL - 2007 Windsprint (Sundsvall, SWE) <i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																		
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						
Brown, Aaron (CAN) (1992) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2023 Bauhaus Galan (Stockholm, SWE) <i>Omega Timing (2023) - diamond league race analysis</i>																		
date	02-Jul-23	time	1.92	2.98	3.94	4.85	5.72	6.61	7.49	8.39	9.30	10.27	10.27	7 / 5				
reaction time	0.147	interval		1.06	0.96	0.91	0.87	0.89	0.88	0.90	0.91	0.97		# of strides	3.94	2.67	2.69	
wind	1.0 m/s	velocity	5.21	9.43	10.42	10.99	11.49	11.24	11.36	11.11	10.99	10.31	9.74		47.7	7.61	11.24	11.15
FINAL - 2023 FBK Games (Hengelo, NED) <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
FINAL - 2022 Weltklasse (Zürich, SUI) <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				
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR) <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				
FINAL - 2021 Bauhaus Galan (Stockholm, SWE) <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				
FINAL - 2019 Athletissima (Lausanne, SUI) <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				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Brown, Kemarley (JAM) (1992)																	
A FINAL - 2015 Windsprint (Sundsvall, SWE)																	
date	26-Jul-15	time		3.99			6.70		8.51		10.43	10.43	4 / 2				
reaction time		interval					2.71		1.81		1.92		# of strides	3.99	2.71		
wind	1.0 m/s	velocity		7.52			11.07		11.05		10.42	9.59		7.52	11.07		
A FINAL - 2014 Windsprint (Sundsvall, SWE)																	
date	20-Jul-14	time		3.90			6.53		8.29		10.09	10.09	4 / 1				
reaction time		interval					2.63		1.76		1.80		# of strides	3.90	2.63		
wind	1.5 m/s	velocity		7.69			11.41		11.36		11.11	9.91		7.69	11.41		
Browning, Rohan (AUS) (1997)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	1.98	3.09	3.98	4.88	5.77	6.64	7.55	8.45	9.36	10.29	10.29	8 / 6			
reaction time	0.143	interval		1.11	0.89	0.90	0.89	0.87	0.91	0.90	0.91	0.93		# of strides	3.98	2.66	2.72
wind	-1.1 m/s	velocity	5.05	9.01	11.24	11.11	11.24	11.49	10.99	11.11	10.99	10.75	9.72	47.0	7.54	11.28	11.03
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)																	
date	02-Jun-23	time	1.93	3.00	3.93	4.83	5.68	6.58	7.45	8.34	9.23	10.15	10.15	1 / 6			
reaction time	0.128	interval		1.07	0.93	0.90	0.85	0.90	0.87	0.89	0.89	0.92		# of strides	3.93	2.65	2.65
wind	0.0 m/s	velocity	5.18	9.35	10.75	11.11	11.76	11.11	11.49	11.24	11.24	10.87	9.85	46.7	7.63	11.32	11.32
FINAL - 2022 Commonwealth Games (Birmingham, GBR)																	
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			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)																	
date	30-Jun-22	time		3.13		4.98		6.76		8.56		10.38	10.38	2 / 7			
reaction time	0.288	interval				1.85		1.78		1.80		1.82		# of strides			
wind	-0.5 m/s	velocity		6.39		10.81		11.24		11.11		10.99	9.63	46.2			
FINAL - 2022 Bislett Games (Oslo, NOR)																	
date	16-Jun-22	time		2.99		4.87		6.67		8.46		10.28	10.28	2 / 7			
reaction time	0.141	interval				1.88		1.80		1.79		1.82		# of strides			
wind	0.5 m/s	velocity		6.69		10.64		11.11		11.17		10.99	9.73	46.7			
FINAL - 2021 Weltklasse (Zürich, SUI)																	
date	09-Sep-21	time		3.0		4.8		6.6		8.4		10.18	10.18	2 / 6			
reaction time	0.127	interval				1.80		1.80		1.80		1.78		# of strides			
wind	-0.4 m/s	velocity		6.67		11.11		11.11		11.11		11.24	9.82	47.0			
FINAL - 2021 Memorial van Damme (Brussels, BEL)																	
date	03-Sep-21	time		3.0		4.8		6.6		8.4		10.14	10.14	2 / 5			
reaction time	0.120	interval				1.80		1.80		1.80		1.74		# of strides			
wind	0.1 m/s	velocity		6.67		11.11		11.11		11.11		11.49	9.86	47.0			
FINAL - 2018 Australian Athletics Championships (Gold Coast, AUS)																	
date	16-Feb-18	time	1.95	2.97	3.91	4.83	5.71	6.57	7.45	8.36	9.28	10.21	10.20	6 / 2			
reaction time		interval		1.02	0.94	0.92	0.88	0.86	0.88	0.91	0.92	0.93		# of strides	3.91	2.66	2.71
wind	0.4 m/s	velocity	5.13	9.80	10.64	10.87	11.36	11.63	11.36	10.99	10.87	10.75	9.80	46.2	7.67	11.28	11.07
Bruintjies, Henricho (RSA) (1993)																	
FINAL - 2022 Meeting de Paris (Paris, FRA)																	
date	18-Jun-22	time		2.97		4.85		6.68		8.50		10.38	10.38	2 / 5			
reaction time	0.144	interval				1.88		1.83		1.82		1.88		# of strides			
wind	-1.6 m/s	velocity		6.73		10.64		10.93		10.99		10.64	9.63				
Brunson, Marcus (USA) (1978)																	
FINAL - 2006 Osaka Grand Prix (Osaka, JPN)																	
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
Brusenback, Chris (SWE) (1993)																	
B FINAL - 2015 Windsprint (Sundsvall, SWE)																	
date	26-Jul-15	time		4.11			6.91		8.82		10.77	10.77	5 / 5				
reaction time		interval					2.80		1.91		1.95		# of strides	4.11	2.80		
wind	0.9 m/s	velocity		7.30			10.71		10.47		10.26	9.29		7.30	10.71		
C FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.13			6.94		8.83		10.80	10.80	2 / 2				

reaction time	interval				2.81	1.89	1.97			# of strides	4.13	2.81
wind	1.7 m/s	velocity		7.26	10.68	10.58	10.15	9.26			7.26	10.68

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

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

Bryzgin, Viktor (URS) (1962)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.94	3.00	3.97	4.87	5.77	6.66	7.56	8.45	9.35	10.25	10.25	1 / 6 5				
reaction time	0.139	interval		1.06	0.97	0.90	0.90	0.89	0.90	0.89	0.90	0.90		# of strides	3.97	2.69	2.69	
wind	1.0 m/s	velocity	5.15	9.43	10.31	11.11	11.11	11.24	11.11	11.24	11.11	11.11	9.76		46.0	7.56	11.15	11.15

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

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

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

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

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

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

Buhagen, Kristoffer (NOR) (1992)

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

date	26-Jul-15	time		4.10		6.91		8.83		10.83		10.83		2 / 7
reaction time		interval				2.81		1.92		2.00		# of strides	4.10	2.81
wind	0.9 m/s	velocity		7.32		10.68		10.42		10.00		9.23	7.32	10.68

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

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

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

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

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

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

Bunson, Phooripol (THA) (2006)

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

date	04-Aug-24	time	1.93	3.00	3.96	4.88	5.76	6.63	7.50	8.37	9.25	10.14	10.14	1 / 9				
reaction time	0.158	interval		1.07	0.96	0.92	0.88	0.87	0.87	0.87	0.88	0.89		# of strides	3.96	2.67	2.62	
wind	0.5 m/s	velocity	5.18	9.35	10.42	10.87	11.36	11.49	11.49	11.49	11.36	11.24	9.86		45.0	7.58	11.24	11.45

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

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

Burke, Mario (BAR) (1997)

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

date	17-Sep-20	time		3.0		4.9		6.7		8.5		10.34		10.34		9 / 9
reaction time	0.123	interval				1.90		1.80		1.80		1.84		# of strides		
wind	0.3 m/s	velocity		6.67		10.53		11.11		11.11		10.87		5.80		45.7

Burlák, Jakub (CZE) (1996)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.23		5.28		7.28		9.31		11.41		11.41		5 / 3
reaction time	0.214	interval				2.05		2.00		2.03		2.10		# of strides		
wind	-2.5 m/s	velocity		6.19		9.76		10.00		9.85		9.52		8.76		

Burns, Marc (TTO) (1983)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 IAAF World Championships (Berlin, GER)																	
<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	
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	3.88	4.76		6.52		8.23		10.01	10.01		8 / 4			
reaction time	0.159	interval		0.93	0.88		1.76		1.71		1.78			# of strides	3.88	2.64	
wind	0.2 m/s	velocity	6.78	10.75	11.36		11.36		11.70		11.24	9.99		43.0	7.73	11.36	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)																	
<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	
Heat 6 - 2009 IAAF World Championships (Berlin, GER)																	
<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	
FINAL - 2009 ISTAF (Berlin, GER)																	
<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	
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)																	
<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	
FINAL - 2008 Olympic Games (Beijing, CHN)																	
<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	
Burraj, Franko (ALB) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic 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
Prelim 3 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic 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	PB	# of strides	4.07	2.78	2.80
wind	0.1 m/s	velocity	5.10	8.93	10.10	10.75	10.75	10.87	10.87	10.87	10.42	10.53	9.43		46.7	7.37	10.79
Burrell, Cameron (USA) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	18-Aug-19	time		3.1		4.9		6.7		8.5		10.36	10.36		2 / 7		
reaction time	0.117	interval				1.8		1.8		1.8		1.86		# of strides			
wind	0.7 m/s	velocity		6.45		11.11		11.11		11.11		10.75	9.65				
FINAL - 2019 Athletissima (Lausanne, SUI)																	
<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		
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																	
<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
Burrell, Leroy (USA) (1967)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 USA Olympic Trials (Atlanta, GA)																	
<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		
FINAL - 1992 Olympic Games (Barcelona, ESP)																	
<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	10.10		6 / 5		

reaction time	0.165	interval		1.83	1.76	1.74	1.79							# of strides														
wind	0.5 m/s	velocity	6.69	10.93	11.36	11.49	11.17	9.90						43.0														
FINAL - 1991 IAAF World Championships (Tokyo, JPN)														<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	PB	# of strides	3.80	2.61	2.60												
wind	1.2 m/s	velocity	5.46	9.43	10.99	11.36	11.49	11.63	11.49	11.90	11.24	11.49	10.12	44.0	7.89	11.49	11.54											
FINAL - 1989 IAAF World Cup (Barcelona, ESP)														<i>Pascua (1990) - atletismo (l) 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	/ 2															
reaction time	0.154	interval			1.86	0.88	0.88	0.87	0.88		1.79		# of strides															
wind	0.5 m/s	velocity	6.69		10.75	11.36	11.36	11.49	11.36		11.17		9.85	43.8														
Bychkov, Sergey (RUS) (1975)														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)														<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	/ 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													
Calì, Stéphane (FRA) (1972)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)														<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	/ 8															
reaction time		interval		1.98			2.71				3.69		# of strides	4.04	2.71													
wind	0.2 m/s	velocity	4.85		10.10		11.07				10.84	9.58		7.43	11.07													
FINAL - 1996 International French Championships (Bercy, FRA)														<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	/ 2															
reaction time		interval		1.05	0.96	0.96	0.84	0.92					# of strides	3.92	2.72													
		velocity	5.24	9.52	10.42	10.42	11.90	10.87				9.04		7.65	11.03													
Heat 1 - 1996 International French Championships (Bercy, FRA)														<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															
reaction time		interval		1.06	0.95	0.91	0.91	0.91					# of strides	3.92	2.73													
		velocity	5.24	9.43	10.53	10.99	10.99	10.99				9.02		7.65	10.99													
Callender, Emmanuel (TTO) (1984)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)														<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													
Heat 8 - 2009 IAAF World Championships (Berlin, GER)														<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													
Camara, Ebrahima (GAM) (1996)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 6 - 2024 Olympic Games (Paris, FRA)														<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	0.89	0.89	0.91	0.94		# of strides	3.91	2.67	2.69											
wind	-1.1 m/s	velocity	5.26	9.26	10.75	11.11	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.0	7.67	11.24	11.15											
Prelim 1 - 2024 Olympic Games (Paris, FRA)														<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	0.89	0.91	0.91	0.94		# of strides	3.97	2.67	2.71											
wind	0.6 m/s	velocity	5.15	9.26	10.53	10.99	11.36	11.36	11.24	10.99	10.99	10.64	9.72	47.2	7.56	11.24	11.07											
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														<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	2 / 3															
reaction time	0.141	interval			1.80		1.80		1.90		1.81		# of strides															
wind	0.5 m/s	velocity	6.67		11.11		11.11		10.53		11.05	9.70		47.7														
Camara, Ibrahim (BEL) (2004)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Invitational - 2024 Memorial van damme (Brussels, BEL)														<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											
Camara, Seco (GBS) (1995)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 1 - 2024 Olympic Games (Paris, FRA)														<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

Cambridge, Aska (JPN) (1993)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese National Championships (Niigata, JPN)													<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	0.90	0.91	0.94			# of strides	3.93	2.71	2.70
wind	-0.2 m/s	velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.99	10.64	9.73	47.0	7.63	11.07	11.11

FINAL - 2020 Athlete Night Games (Fukui, JPN)

FINAL - 2020 Athlete Night Games (Fukui, JPN)													<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			
reaction time		interval	1.07	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.90		PB	# of strides	3.89	2.64	2.60
wind	1.0 m/s	velocity	5.35	9.35	10.53	11.11	11.36	11.63	11.63	11.49	11.49	11.11	9.97	48.5	7.71	11.36	11.54

Semi-Final 2 - 2019 Japanese National Championships (Fukuoka, JPN)

Semi-Final 2 - 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	1.87	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

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)

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

FINAL - 2018 Fuse Sprint (Tottori, JPN)

FINAL - 2018 Fuse Sprint (Tottori, JPN)													<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	/ 3			
reaction time		interval	1.08	0.96	0.91	0.89	0.88	0.89	0.89	0.91	0.94			# of strides	3.90	2.68	2.69
wind	-0.7 m/s	velocity	5.38	9.26	10.42	10.99	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.3	7.69	11.19	11.15

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)

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

A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)

A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)													<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

Heat 4 - 2017 Japanese National Championships (Osaka, JPN)

Heat 4 - 2017 Japanese National Championships (Osaka, JPN)													<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			
reaction time	0.123	interval	1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.90	0.92		PB	# of strides	3.87	2.64	2.65
wind	-0.9 m/s	velocity	5.35	9.43	10.64	11.11	11.36	11.63	11.49	11.36	11.11	10.87	9.92	47.2	7.75	11.36	11.32

FINAL - 2016 Japanese National Championships (Nagoya, JPN)

FINAL - 2016 Japanese National Championships (Nagoya, JPN)													<i>Matsuo (2016) - speed, frequency, and stride analysis of male & 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

Semi-Final 1 - 2016 Japanese National Championships (Nagoya, JPN)

Semi-Final 1 - 2016 Japanese National Championships (Nagoya, JPN)													<i>Matsuo (2016) - speed, frequency, and stride analysis of male & 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	0.89	0.91	0.91	0.92		# of strides	3.83	2.79	2.71
wind	-0.3 m/s	velocity	5.26	9.35	11.63	9.90	11.24	11.24	11.24	10.99	10.99	10.87	9.76	47.3	7.83	10.75	11.07

Heat 2 - 2016 Mikio Oda Memorial (Hiroshima, JPN)

Heat 2 - 2016 Mikio Oda Memorial (Hiroshima, JPN)													<i>Matsuo (2016) - speed, frequency, and stride analysis of male & 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	0.89	0.90	0.89	0.92	0.93		# of strides	3.99	2.70	2.71
wind	-0.4 m/s	velocity	5.08	9.43	10.42	10.99	11.11	11.24	11.11	11.24	10.87	10.75	9.68	47.0	7.52	11.11	11.07

Heat 3 - 2015 Japanese National Championships (Niigata, JPN)

Heat 3 - 2015 Japanese National Championships (Niigata, JPN)													<i>Matsuo (2015) - 2015 men's & 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

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)													<i>Matsuo (2015) - 2015 men's & 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

Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN)

Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN)													<i>Matsuo (2015) - 2015 men's & 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	0.89	0.90	0.92	0.94		# of strides	3.98	2.70	2.71
wind	0.5 m/s	velocity	5.10	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.64	9.68	46.5	7.54	11.11	11.07

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

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

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

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

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

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

Campbell, Darren (GBR) (1973)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2002 European Championships (Munich, GER)***Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.99	3.94	4.84		6.60		8.36		10.15	10.15	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

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

date	07-Aug-02	time		3.02	3.98	4.90		6.69		8.46		10.30	10.30	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

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

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

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

date	06-Aug-02	time		3.01	3.97	4.88		6.67		8.47		10.36	10.36	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

Campbell, Micheal (JAM) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Invitational - 2024 Memorial van damme (Brussels, BEL)***Omega Timing (2024) - diamond league race analysis*

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

Capel, John (USA) (1978)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)***USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.96	3.02	3.95	4.87	5.72	6.65	7.48	8.36	9.30	10.21	10.21	7 / 6			
reaction time		interval		1.06	0.93	0.92	0.85	0.93	0.83	0.88	0.94	0.91		# of strides	3.95	2.70	2.65
wind	0.5 m/s	velocity	5.10	9.43	10.75	10.87	11.76	10.75	12.05	11.36	10.64	10.99	9.79	47.0	7.59	11.11	11.32

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

date	28-Jun-08	time	1.90	3.00	3.91	4.79	5.67	6.53	7.41	8.25	9.16	10.06	10.06	6 / 4			
reaction time		interval		1.10	0.91	0.88	0.88	0.86	0.88	0.84	0.91	0.90		# of strides	3.91	2.62	2.63
wind	1.6 m/s	velocity	5.26	9.09	10.99	11.36	11.36	11.63	11.36	11.90	10.99	11.11	9.94	47.0	7.67	11.45	11.41

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

date	28-Jun-08	time	1.98	3.03	3.95	4.87	5.74	6.59	7.47	8.39	9.26	10.16	10.16	4 / 3			
reaction time		interval		1.05	0.92	0.92	0.87	0.85	0.88	0.92	0.87	0.90		# of strides	3.95	2.64	2.67
wind	1.4 m/s	velocity	5.05	9.52	10.87	10.87	11.49	11.76	11.36	10.87	11.49	11.11	9.84		7.59	11.36	11.24

FINAL - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.95	2.94	3.87	4.77	5.62	6.50	7.37	8.24	9.11	10.02	10.02	4 / 5			
reaction time	0.146	interval		0.99	0.93	0.90	0.85	0.88	0.87	0.87	0.87	0.91		# of strides	3.87	2.63	2.61
wind	0.0 m/s	velocity	5.13	10.10	10.75	11.11	11.76	11.36	11.49	11.49	11.49	10.99	9.98	46.7	7.75	11.41	11.49

Carchon, Robbe (BEL) (2006)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)***Omega Timing (2023) - diamond league race analysis*

date	08-Sep-23	time	2.05	3.19	4.23	5.23	6.22	7.22	8.22	9.23	10.25	11.29	11.29	8 / 6			
reaction time	0.152	interval		1.14	1.04	1.00	0.99	1.00	1.00	1.01	1.02	1.04		# of strides	4.23	2.99	3.03
wind	-0.4 m/s	velocity	4.88	8.77	9.62	10.00	10.10	10.00	10.00	9.90	9.80	9.62	8.86		7.09	10.03	9.90

Cardoso, Erik (BRA) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.03	3.99	4.92	5.83	6.73	7.61	8.50	9.42	10.35	10.35	9 / 6			
reaction time	0.171	interval		1.07	0.96	0.93	0.91	0.90	0.88	0.89	0.92	0.93		# of strides	3.99	2.74	2.69
wind	0.2 m/s	velocity	5.10	9.35	10.42	10.75	10.99	11.11	11.36	11.24	10.87	10.75	9.66	47.2	7.52	10.95	11.15
Carlsson, Tobias (SWE) (1991)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
D FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time		4.18		7.13		9.11		11.12	11.12	7 / 6					
reaction time		interval				2.95		1.98		2.01		# of strides	4.18	2.95			
wind	1.7 m/s	velocity		7.18		10.17		10.10		9.95	8.99		7.18	10.17			
Carnes, Brandon (USA) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2024 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)													<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>				
date	28-Aug-11	time		2.96	3.98	4.94	5.90	6.83	7.79	8.74	9.77	10.95	10.95	7 / 7			
reaction time	0.154	interval			1.02	0.96	0.96	0.93	0.96	0.95	1.03	1.18		# of strides	3.98	2.85	2.94
wind	-1.4 m/s	velocity		6.76	9.80	10.42	10.42	10.75	10.42	10.53	9.71	8.47	9.13	47.0	7.54	10.53	10.20
Heat 5 - 2011 IAAF World Championships (Daegu, KOR)													<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>				
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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	29-Jun-08	time	1.98	3.05	3.98	4.88	5.74	6.62	7.46	8.31	9.20	10.11	10.11	8 / 8			
reaction time	0.148	interval		1.07	0.93	0.90	0.86	0.88	0.84	0.85	0.89	0.91		# of strides	3.98	2.64	2.58
wind	4.1 m/s	velocity	5.05	9.35	10.75	11.11	11.63	11.36	11.90	11.76	11.24	10.99	9.89	45.0	7.54	11.36	11.63
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)													<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
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)													<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
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)													<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
Cason, André (USA) (1969)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 1993 IAAF World Championships (Stuttgart, GER)													<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	
Cavron, Jean-Philippe (FRA) (1970)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 1 - 1996 International French Championships (Bercy, FRA)													<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	6.83	1 / 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			
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ceccarelli, Samuele (ITA) (2000)		<i>Omega Timing (2023) - diamond league race analysis</i>															
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)																	
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
Curutti, Fabio (ITA) (1985)		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)																	
date	15-Aug-09	time	2.95	3.92	4.85	6.68		8.50	9.37	10.37	10.37	10.37	8 / 7				
reaction time	0.136	interval	0.97	0.93	1.83		1.82	1.87					# of strides	3.92	2.76		
wind	0.1 m/s	velocity	6.78	10.31	10.75	10.93		10.99	10.70					9.64	7.65	10.87	
Heat 11 - 2009 IAAF World Championships (Berlin, GER)		<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	9.36	10.36	10.36	10.36	3 / 3				
reaction time	0.138	interval	0.96	0.92	1.83		1.82	1.89					# of strides	3.90	2.75		
wind	-0.2 m/s	velocity	6.80	10.42	10.87	10.93		10.99	10.58					9.65	7.69	10.91	
Červík, Jakub (CZE) (1997)		<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>															
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	3.28	5.40	7.49	9.52		11.62	11.62	11.62	11.62	11.62	5 / 3				
reaction time	0.192	interval	2.12	2.09	2.03		2.10					# of strides					
wind	-3.9 m/s	velocity	6.10	9.43	9.57		9.85					9.52	8.61				
Chambers, Dwain (GBR) (1978)		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
FINAL - 2009 IAAF World Championships (Berlin, GER)																	
date	16-Aug-09	time	2.93	3.86	4.75	6.50		8.22	9.17	10.00	10.00	10.00	1 / 6				
reaction time	0.123	interval	0.93	0.89	1.75		1.72	1.78					# of strides	3.86	2.64		
wind	0.9 m/s	velocity	6.83	10.75	11.24	11.43		11.63	11.24					10.00	7.77	11.36	
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)		<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	9.17	10.04	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	7.69	11.32	
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)		<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	9.17	10.04	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)		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
date	15-Aug-09	time	2.99	3.93	4.83	6.60		8.35	9.26	10.18	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)		<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>															
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	1 / 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	11.49	11.24	10.13					
FINAL - 2002 European Championships (Munich, GER)		<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>															
date	07-Aug-02	time	2.94	3.87	4.75	6.47		8.20	9.17	10.00	10.00	10.00	1 / 4				
reaction time	0.129	interval	0.93	0.88	1.72		1.73	1.76	CR-DV					# of strides	3.87	2.60	
wind	-0.3 m/s	velocity	6.80	10.75	11.36	11.63		11.56	11.36					10.04	45.3	7.75	11.54
Semi-Final 1 - 2002 European Championships (Munich, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	07-Aug-02	time	2.99	3.94	4.84	6.59		8.33	9.26	10.12	10.12	10.12	1 / 4				
reaction time	0.148	interval	0.95	0.90	1.75		1.74	1.79	DV					# of strides	3.94	2.65	
wind	0.0 m/s	velocity	6.69	10.53	11.11	11.43		11.49	11.17					9.88	7.61	11.32	
Quarter-Final 4 - 2002 European Championships (Munich, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	06-Aug-02	time	2.96	3.90	4.79	6.52		8.27	9.17	10.08	10.08	10.08	1 / 4				
reaction time	0.143	interval	0.94	0.89	1.73		1.75	1.81	DV					# of strides	3.90	2.62	
wind	0.1 m/s	velocity	6.76	10.64	11.24	11.56		11.43	11.05					9.92	7.69	11.45	
Heat 1 - 2002 European Championships (Munich, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	06-Aug-02	time	3.02	3.97	4.88	6.62		8.39	9.26	10.23	10.23	10.23	1 / 4				
reaction time	0.126	interval	0.95	0.91	1.74		1.77	1.84	DV					# of strides	3.97	2.65	
wind	0.2 m/s	velocity	6.62	10.53	10.99	11.49		11.30	10.87					9.78	7.56	11.32	

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

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

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

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

Chen Jiapeng (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	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

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

Christie, Linford (GBR) (1960)

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

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

date	21-Jun-97	time	1.92	3.89	6.52	10.04	10.04	1 / 1			
reaction time		interval		1.97	2.63	3.52		# of strides	3.89	2.63	
wind	0.2 m/s	velocity	5.21	10.15	11.41	11.36	9.96		7.71	11.41	

FINAL - 1993 IAAF World Championships (Stuttgart, GER)*Graubner (2007) - http://www.fgs.uni-halle.de*

date	15-Aug-93	time	3.85	6.45	8.15	9.87	9.87	4 / 1			
reaction time	0.140	interval		2.60	1.70	1.72	AR	# of strides	3.85	2.60	
wind	0.3 m/s	velocity	7.79	11.54	11.76	11.63	10.13		44.5	7.79	11.54

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

date	1-Aug-92	time	2.93	4.74	6.48	8.22	9.98	9.96	5 / 1		
reaction time	0.139	interval		1.81	1.74	1.74	1.76		# of strides		
wind	0.5 m/s	velocity	6.83	11.05	11.49	11.49	11.36	10.04	44.5		

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

date	25-Aug-91	time	1.85	2.91	3.83	4.72	5.57	6.43	7.29	8.14	9.04	9.92	9.92	4 / 4			
reaction time	0.126	interval		1.06	0.92	0.89	0.85	0.86	0.86	0.85	0.90	0.88	AR	# of strides	3.83	2.60	2.61
wind	1.2 m/s	velocity	5.41	9.43	10.87	11.24	11.76	11.63	11.63	11.76	11.11	11.36	10.08		45.5	7.83	11.54

FINAL - 1991 European Cup (Frankfurt, GER)*Federle (2003) - http://www.fgs.uni-halle.de*

date	29-Jun-91	time	3.91	6.58	8.38	10.18	10.18	1 / 1			
reaction time		interval		2.67	1.80	1.80		# of strides	3.91	2.67	
wind	0.5 m/s	velocity	7.67	11.24	11.11	11.11	9.82		7.67	11.24	

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

date	08-Sep-89	time	2.96	4.80	5.71	6.59	7.46	8.32	10.10	10.10	1 / 1
reaction time	0.147	interval		1.84	0.91	0.88	0.87	0.86	1.78		# of strides
wind	0.5 m/s	velocity	6.76	10.87	10.99	11.36	11.49	11.63	11.24	9.90	45.0

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

date	24-Sep-88	time	1.92	2.97	3.92	4.81	5.66	6.50	7.36	8.22	9.09	9.97	9.97	4 / 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

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 / 1			
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reaction time	interval	1.04	0.94	0.90	0.89	0.87	0.88	0.88	0.88	0.91		# of strides	3.90	2.66	2.64	
wind	-1.2 m/s	velocity	5.21	9.62	10.64	11.11	11.24	11.49	11.36	11.36	11.36	10.99	9.89	7.69	11.28	11.36

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

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

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

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

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

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

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

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

Cissé, Arthur (CIV) (1996)**Heat 8 - 2024 Olympic Games (Paris, FRA)** *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.89	2.96	3.89	4.78	5.66	6.55	7.46	8.38	9.31	10.31	10.31	6 / 6			
reaction time	0.151	interval	1.07	0.93	0.89	0.88	0.89	0.91	0.92	0.93	1.00			# of strides	3.89	2.66	2.76
wind	0.2 m/s	velocity	5.29	9.35	10.75	11.24	11.36	11.24	10.99	10.87	10.75	10.00	9.70	48.2	7.71	11.28	10.87

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

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

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

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

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

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

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

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

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

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

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

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

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

date	05-Jul-19	time				5.7					10.08	10.08	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)**Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)** *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	3.21		5.23		7.17		9.08		11.06	11.06	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)**Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)** *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	3.14	5.09	7.01	8.91	10.89	10.89	2 / 1										
reaction time	0.181	interval		1.95	1.92	1.90	1.98	PB	# of strides										
wind	-0.4 m/s	velocity	6.37	10.26	10.42	10.53	10.10	9.18											
Coleman, Christian (USA) (1996)																			
FINAL - 2024 Memorial van damme (Brussels, BEL)										<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)										<i>Omega Timing (2024) - diamond league race analysis</i>									
date	20-Apr-24	time	1.91	2.95	3.88	4.79	5.67	6.54	7.42	8.31	9.22	10.13	10.13	6 / 1					
reaction time	0.135	interval	1.04	0.93	0.91	0.88	0.87	0.88	0.89	0.91	0.91			# of strides	3.88	2.66	2.68		
wind	-0.6 m/s	velocity	5.24	9.62	10.75	10.99	11.36	11.49	11.36	11.24	10.99	10.99	9.87	48.0	7.73	11.28	11.19		
FINAL - 2023 Prefontaine Classic (Eugene, OR)										<i>Omega Timing (2023) - diamond league race analysis</i>									
date	16-Sep-23	time	1.87	2.89	3.80	4.67	5.52	6.36	7.21	8.07	8.93	9.83	9.83	4 / 1					
reaction time	0.147	interval	1.02	0.91	0.87	0.85	0.84	0.85	0.86	0.86	0.90			# of strides	3.80	2.56	2.57		
wind	0.1 m/s	velocity	5.35	9.80	10.99	11.49	11.76	11.90	11.76	11.63	11.63	11.11	10.17	46.0	7.89	11.72	11.67		
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)										<i>Omega Timing (2022) - diamond league race analysis</i>									
date	06-Aug-22	time	2.90	4.74	6.50	8.28	10.13	10.13	5 / 4										
reaction time	0.132	interval	1.84	1.76	1.78	1.85			# of strides										
wind	-0.7 m/s	velocity	6.90	10.87	11.36	11.24	10.81	9.87	47.7										
FINAL - 2022 Prefontaine Classic (Eugene, OR)										<i>Omega Timing (2022) - diamond league race analysis</i>									
date	28-May-22	time	2.88	4.70	6.45	8.23	10.04	10.04	5 / 3										
reaction time	0.136	interval	1.82	1.75	1.78	1.81			# of strides										
wind	-0.2 m/s	velocity	6.94	10.99	11.43	11.24	11.05	9.96	48.0										
FINAL - 2019 IAAF World Championships (Doha, QAT)										<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>									
date	28-Sep-19	time	1.83	2.85	3.77	4.64	5.48	6.32	7.16	8.01	8.88	9.76	9.76	4 / 1					
reaction time	0.128	interval	1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.87	0.88	PB		# of strides	3.77	2.55	2.56		
wind	0.6 m/s	velocity	5.46	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.49	11.36	10.25	47.0	7.96	11.76	11.72		
FINAL - 2017 IAAF World Championships (London, GBR)										<i>Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final</i>									
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	0.88	0.92		# of strides	3.77	2.61	2.64		
wind	-0.8 m/s	velocity	5.35	10.00	11.11	11.36	11.49	11.63	11.36	11.36	11.36	10.87	10.06	47.0	7.96	11.49	11.36		
Collins, Kim (SKN) (1976)																			
FINAL - 2011 IAAF World Championships (Daegu, KOR)										<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>									
date	28-Aug-11	time	2.86	3.82	4.71	5.60	6.48	7.36	8.24	9.16	10.09	10.09		3 / 3					
reaction time	0.155	interval	0.96	0.89	0.89	0.88	0.88	0.88	0.92	0.93				# of strides	3.82	2.66	2.68		
wind	-1.4 m/s	velocity	6.99	10.42	11.24	11.24	11.36	11.36	11.36	10.87	10.75	9.91		49.0	7.85	11.28	11.19		
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	2.94	3.89	4.80	6.61	8.37	10.20	10.20					5 / 4					
reaction time	0.157	interval	0.95	0.91	1.81	1.76	1.83							# of strides	3.89	2.72			
wind	-0.4 m/s	velocity	6.80	10.53	10.99	11.05	11.36	10.93	9.80					7.71	11.03				
Heat 11 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	2.98	3.94	4.85	6.66	8.44	10.28	10.28					6 / 2					
reaction time	0.159	interval	0.96	0.91	1.81	1.78	1.84							# of strides	3.94	2.72			
wind	-0.2 m/s	velocity	6.71	10.42	10.99	11.05	11.24	10.87	9.73					7.61	11.03				
FINAL - 2009 Meeting Pas de Calais (Lievain, FRA)										<i>Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>									
date	10-Feb-09	time	3.96	5.79	6.70								6.70	7 / 8					
reaction time	0.149	interval		1.83	0.91									# of strides	3.96	2.74			
		velocity	7.58	10.93	10.99								8.96	31.0	7.58	10.95			
Heat 1 - 2009 Meeting Pas de Calais (Lievain, FRA)										<i>Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>									

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

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

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

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

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

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

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

Collio, Simone (ITA) (1979)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2012 Windsprint (Sundsvall, SWE)**(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

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

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

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

Heat 1 - 2009 IAAF World Championships (Berlin, GER)

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

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

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

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

Heat 2 - 2009 Meeting Pas de Calais (Lievain, FRA)Vazel (2009) - <http://futuraanterior.files.wordpress.com/2009/02/09-lievain-m605.pdf>

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

Colvert, Steven (IRL) (1990)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2012 Windsprint (Sundsvall, SWE)**(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

date	17-Jun-12	time		4.11		6.87		8.68		10.53	10.53	10.53	1 / 4	
reaction time		interval				2.76		1.81		1.85			# of strides	4.11 2.76
wind	0.1 m/s	velocity		7.30		10.87		11.05		10.81	9.50		7.30	10.87

Conwright, Kaaron (USA) (1976)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2006 USATF National Championships (Indianapolis, IN)**

USATF Women's Sprint Development (2006)

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

Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

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

Crawford, Shawn (USA) (1978)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)**

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.88	2.97	3.90	4.82	5.67	6.57	7.42	8.29	9.16	10.09	10.09	2 / 7	
reaction time		interval		1.09	0.93	0.92	0.85	0.90	0.85	0.87	0.87	0.93		# of strides	3.90 2.67 2.59
wind	1.6 m/s	velocity	5.32	9.17	10.75	10.87	11.76	11.11	11.76	11.49	11.49	10.75	9.91	45.7	7.69 11.24 11.58

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.03	2.95	3.98	4.88	5.77	6.63	7.49	8.36	9.27	10.17	10.17	7 / 6	
reaction time		interval		0.92	1.03	0.90	0.89	0.86	0.86	0.87	0.91	0.90		# of strides	3.98 2.65 2.64
wind	1.7 m/s	velocity	4.93	10.87	9.71	11.11	11.24	11.63	11.63	11.49	10.99	11.11	9.83	7.54	11.32 11.36

FINAL - 2006 USATF National Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

date	23-Jun-06	time	1.99	3.04	3.97	4.84	5.76	6.64	7.50	8.39	9.33	10.26	10.26	5 / 2 2			
reaction time		interval		1.05	0.93	0.87	0.92	0.88	0.86	0.89	0.94	0.93		# of strides	3.97	2.67	2.69
wind	-1.2 m/s	velocity	5.03	9.52	10.75	11.49	10.87	11.36	11.63	11.24	10.64	10.75	9.75	46.7	7.56	11.24	11.15

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

date	23-Jun-06	time	1.98	3.04	3.99	4.91	5.79	6.66	7.56	8.44	9.36	10.30	10.30	6 / 2 1			
reaction time		interval		1.06	0.95	0.92	0.88	0.87	0.90	0.88	0.92	0.94		# of strides	3.99	2.67	2.70
wind	-1.2 m/s	velocity	5.05	9.43	10.53	10.87	11.36	11.49	11.11	11.36	10.87	10.64	9.71	46.0	7.52	11.24	11.11

FINAL - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	1.97	3.02	3.99	4.88	5.77	6.66	7.51	8.41	9.29	10.17	10.17	5 / 2			
reaction time		interval		1.05	0.97	0.89	0.89	0.89	0.85	0.90	0.88	0.88		# of strides	3.99	2.67	2.63
wind	-2.3 m/s	velocity	5.08	9.52	10.31	11.24	11.24	11.24	11.76	11.11	11.36	11.36	9.83	47.5	7.52	11.24	11.41

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

date	22-Aug-04	time	1.89	2.93		5.61	6.45	7.29		9.01	9.89	9.89		4 / 4			
reaction time	0.161	interval		1.04		2.68	0.84	0.84		1.72	0.88			# of strides			2.56
wind	0.6 m/s	velocity	5.29	9.62		11.19	11.90	11.90		11.63	11.36	10.11		47.0			11.72

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	11-Jul-04	time	1.95	3.00	3.91	4.78	5.63	6.49	7.34	8.19	9.05	9.93	9.93	6 / 3			
reaction time	0.179	interval		1.05	0.91	0.87	0.85	0.86	0.85	0.85	0.86	0.88		# of strides	3.91	2.58	2.56
wind	0.0 m/s	velocity	5.13	9.52	10.99	11.49	11.76	11.63	11.76	11.76	11.63	11.36	10.07	47.0	7.67	11.63	11.72

Csontos, Joël (SUI) (2005)

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

B Race - 2023 Athletissima (Lausanne, SUI)

Omega Timing (2023) - diamond league race analysis

date	30-Jun-23	time	1.95	3.05	4.05	5.01	5.94	6.88	7.82	8.77	9.74	10.74	10.74	8 / 4			
reaction time	0.161	interval		1.10	1.00	0.96	0.93	0.94	0.94	0.95	0.97	1.00		# of strides	4.05	2.83	2.86
wind	-0.8 m/s	velocity	5.13	9.09	10.00	10.42	10.75	10.64	10.64	10.53	10.31	10.00	9.31	7.41	10.60	10.49	

da Silva, Robson Caetano (BRA) (1964)

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

FINAL - 1991 IAAF World Championships (Tokyo, JPN)

Ae (1992) - the men's 100m (1991 WC)

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

FINAL - 1988 Olympic Games (Seoul, KOR)

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

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

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

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

Dahlöf, Carl (SWE) (1988)

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

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

date	24-Jul-07	time			4.23		7.22		9.27		11.32	11.32		1 / 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		

Daichi, Musashi (JPN)

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

FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)

Takashima (2023) - national high school sports festival - biomechanics data

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

Dang, Joakim (NOR) (1990)

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

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

date	26-Jul-15	time			4.17		7.13		9.18		11.31	11.31		7 / 4			
reaction time		interval					2.96		2.05		2.13			# of strides	4.17	2.96	
wind	1.1 m/s	velocity			7.19		10.14		9.76		9.39	8.84		7.19	10.14		

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

date	20-Jul-14	time			4.08		6.95		8.86		10.89	10.89		1 / 7			
reaction time		interval					2.87		1.91		2.03			# of strides	4.08	2.87	
wind	3.1 m/s	velocity			7.35		10.45		10.47		9.85	9.18		7.35	10.45		

Darkwah, Tony (SWE) (1986)

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

A FINAL - 2017 Windsprint (Sundsvall, SWE)

date	30-Jul-17	time	4.13	5.99	6.92	8.79	10.68	10.68			(2017) - www.windsprint/Splittider/						
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)

date	31-Jul-16	time	4.07		6.72			10.55	10.55			(2016) - www.windsprint/Splittider/					
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)

date	31-Jul-16	time	4.07		6.83			10.56	10.56			(2016) - www.windsprint/Splittider/					
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)

date	20-Jul-14	time	4.07		6.83		8.66	10.55	10.55			(2014) - www.ssg.se/windsprint/Splittider/					
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)

date	17-Jun-12	time	4.19		7.05		8.96	10.93	10.93			(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx					
reaction time		interval			2.86		1.91	1.97			# of strides	4.19	2.86				
wind	1.0 m/s	velocity	7.16		10.49		10.47	10.15	9.15			7.16	10.49				

Dasaolu, James (GBR) (1987)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2017 IAAF World Championships (London, GBR)																	
<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		interval	0.145	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

FINAL - 2013 European Indoor Championships (Göteborg, SWE)

date	02-Mar-13	time	2.91		4.74		6.48						6.48	5 / 2			
reaction time		interval	0.151		1.83		1.74						PB	# of strides			
		velocity		6.87	10.93	11.49							9.26		28.0		

*Blomqvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx***FINAL - 2009 ISTAF (Berlin, GER)**

date	14-Jun-09	time	2.97	3.91	4.81		6.56		8.36		10.64	10.64	10.64	/ 9			
reaction time		interval	0.178		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	9.40		7.67	11.32	

*Graubner (2009) - <http://www.fgs.uni-halle.de>***Davis, Harold (USA) (1921)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat ??? - 1941 Compton Invitational (Compton, CA)																	
<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			
reaction time		interval										4.5	=WR	# of strides			
wind	-0.9 m/s	velocity					8.77					11.11	9.80				

Davison, Sandrey (JAM) (2003)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Prefontaine Classic (Eugene, OR)																	
<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		interval	0.197		1.05	0.94	0.91	0.88	0.87	0.87	0.89	0.88	PB	# of strides	3.96	2.66	2.63
wind	1.2 m/s	velocity	5.08	9.52	10.64	10.99	11.36	11.49	11.49	11.49	11.24	11.36	9.87		44.0	7.58	11.28

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
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																	
<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		interval	0.133		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

Heat 7 - 2024 Olympic Games (Paris, FRA)

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		interval	0.144		1.08	0.96	0.88	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

*Paris 2024 Olympic Games - Results Book (2024)***FINAL - 2022 Weltklasse (Zürich, SUI)**

date	08-Sep-22	time	3.02		4.89		6.65		8.41		10.21	10.21	10.21	2 / 8			
reaction time		interval	0.137		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	9.79		46.2		

*Omega Timing (2022) - diamond league race analysis***FINAL - 2022 Bislett Games (Oslo, NOR)**

date	16-Jun-22	time	2.97		4.82		6.58		8.30		10.05	10.05	10.05	5 / 1			
reaction time		interval	0.146		1.85		1.76		1.72		1.75			# of strides			

Omega Timing (2022) - diamond league race analysis

reaction time	interval				1.89	0.93	1.86	1.93			# of strides	4.18	2.82	
wind	1.5 m/s	velocity	7.18	10.58	10.75	10.75	10.36	9.27				7.18	10.64	
A FINAL - 2015 Windsprint (Sundsvall, SWE)											(2015) - www.windsprint/Splittider/			
date	26-Jul-15	time	4.08		6.89	8.75	10.66	10.66			6 / 6			
reaction time		interval			2.81	1.86	1.91				# of strides	4.08	2.81	
wind	1.0 m/s	velocity	7.35		10.68	10.75	10.47	9.38				7.35	10.68	
B FINAL - 2014 Windsprint (Sundsvall, SWE)											(2014) - www.ssg.se/windsprint/Splittider/			
date	20-Jul-14	time	4.05		6.83	8.70	10.60	10.60			6 / 2			
reaction time		interval			2.78	1.87	1.90				# of strides	4.05	2.78	
wind	0.3 m/s	velocity	7.41		10.79	10.70	10.53	9.43				7.41	10.79	
B FINAL - 2012 Windsprint (Sundsvall, SWE)											(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx			
date	17-Jun-12	time	4.06		6.81	8.63	10.49	10.49			/ 1			
reaction time		interval			2.75	1.82	1.86				# of strides	4.06	2.75	
wind	1.0 m/s	velocity	7.39		10.91	10.99	10.75	9.53				7.39	10.91	
B FINAL - 2011 Windsprint (Sundsvall, SWE)											(2011) - www.ssg.se/en/Windsprint/Split-times/			
date	31-Jul-11	time	4.02		6.73	8.52	10.34	10.34			5 / 1			
reaction time		interval			2.71	1.79	1.82				# of strides	4.02	2.71	
wind	2.0 m/s	velocity	7.46		11.07	11.17	10.99	9.67				7.46	11.07	
FINAL - 2010 Windsprint (Sundsvall, SWE)											(2010) - www.ssg.se/en/Windsprint/Split-times/			
date	08-Aug-10	time	4.06		6.87	8.73	10.67	10.67			/ 8			
reaction time		interval			2.81	1.86	1.94				# of strides	4.06	2.81	
wind	0.7 m/s	velocity	7.39		10.68	10.75	10.31	9.37				7.39	10.68	
<i>de Oliveira, Nil (BRA) (1986)</i>														
B FINAL - 2009 Windsprint (Sundsvall, SWE)											(2009) - www.ssg.se/en/Windsprint/Split-times/			
date	25-Jul-09	time	4.04		6.81	8.65	10.55	10.55			/ 1			
reaction time		interval			2.77	1.84	1.90				# of strides	4.04	2.77	
wind	1.1 m/s	velocity	7.43		10.83	10.87	10.53	9.48				7.43	10.83	
<i>de Oliveira, Paulo André (BRA) (1998)</i>														
Heat 5 - 2024 Olympic Games (Paris, FRA)														
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
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
<i>Dede, Bruno Chikwadoro (JPN) (1999)</i>														
Heat 2 - 2020 Japanese National Championships (Niigata, JPN)														
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
wind	0.2 m/s	velocity	5.24	9.35	10.42	10.75	11.11	10.99	10.99	10.87	10.53	10.31	9.59	49.5
														7.61
														10.95
														10.79
FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)														
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
wind	1.2 m/s	velocity	5.21	9.26	10.31	10.87	11.11	11.24	11.11	11.24	11.11	10.87	9.72	46.2
														7.56
														11.07
														11.15
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)														
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
wind	-2.0 m/s	velocity			7.35		10.60			10.56	10.10	9.31		4.08
														2.83
														2.84
														10.56
<i>Deliser, Arturo (PAN) (1997)</i>														
Heat 2 - 2024 Olympic Games (Paris, FRA)														
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
wind	0.2 m/s	velocity	5.13	9.09	10.20	10.87	10.99	10.99	11.49	10.99	11.36	10.87	9.66	47.0
														7.44
														10.95
														11.28
Prelim 6 - 2024 Olympic Games (Paris, FRA)														
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
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
<i>Demps, Jeff (USA) (1990)</i>														
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														
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
wind	0.5 m/s	velocity	5.15	9.62	10.42	10.87	11.24	11.49	10.87	11.11	10.75	10.31	9.67	49.2
														7.61
														11.19
														10.91

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.78	2.95	3.88	4.80	5.66	6.51	7.35	8.25	9.12	10.01	10.01	4 / 2			
reaction time		interval		1.17	0.93	0.92	0.86	0.85	0.84	0.90	0.87	0.89	=WJR	# of strides	3.88	2.63	2.61
wind	1.6 m/s	velocity	5.62	8.55	10.75	10.87	11.63	11.76	11.90	11.11	11.49	11.24	9.99	48.7	7.73	11.41	11.49

Heat 2 - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.95	3.02	3.98	4.87	5.76	6.62	7.45	8.34	9.24	10.12	10.12	5 / 2			
reaction time		interval		1.07	0.96	0.89	0.89	0.86	0.83	0.89	0.90	0.88		# of strides	3.98	2.64	2.62
wind	1.8 m/s	velocity	5.13	9.35	10.42	11.24	11.24	11.63	12.05	11.24	11.11	11.36	9.88		7.54	11.36	11.45

Deng Xinrui (CHN) (2003)

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

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)

Omega Timing (2024) - diamond league race analysis

date	20-Apr-24	time	1.95	3.00	3.98	4.91	5.84	6.76	7.68	8.61	9.58	10.55	10.55	1 / 10			
reaction time	0.140	interval		1.05	0.98	0.93	0.93	0.92	0.92	0.93	0.97	0.97		# of strides	3.98	2.78	2.82
wind	-0.6 m/s	velocity	5.13	9.52	10.20	10.75	10.75	10.87	10.87	10.75	10.31	10.31	9.48	50.2	7.54	10.79	10.64

Deng Zhijian (CHN) (2002)

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

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

Omega Timing (2023) - diamond league race analysis

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

Desensky, Lukáš (CZE) (1998)

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

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)

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

date	28-Jun-14	time		3.30			5.42	7.55		9.67		11.90	11.90	6 / 5			
reaction time	0.206	interval				2.12	2.13	2.12		2.23		2.23		# of strides			
wind	-3.9 m/s	velocity		6.06		9.43	9.39	9.43		8.97		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			
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			
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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)																	
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					
reaction time	0.137	interval	1.23	1.14	1.10	1.10	1.10	1.10	1.12	1.13	1.17		# of strides	4.62	3.30	3.35	
wind	0.0 m/s	velocity	4.44	8.13	8.77	9.09	9.09	9.09	9.09	8.93	8.85	8.55	8.04	54.0	6.49	9.09	8.96

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)															
date	23-Jun-01	time	3.15	4.15	5.10	6.96	8.80	10.69	10.69						
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)																	
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					
reaction time	0.171	interval	1.07	0.96	0.93	0.90	0.92	0.94	0.95	0.98	1.00		# of strides	4.00	2.75	2.87	
wind	0.1 m/s	velocity	5.08	9.35	10.42	10.75	11.11	10.87	10.64	10.53	10.20	10.00	9.42	49.0	7.50	10.91	10.45

Dix, Walter (USA) (1986)	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	2.94	3.92	4.81	5.71	6.56	7.43	8.29	9.19	10.08	10.08				
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)															
date	16-Aug-08	time	3.85	6.46	8.18	9.91	9.91	6 / 3							
reaction time	0.133	interval	2.61	1.72	1.73	PB	# of strides	3.85	2.61						
wind	0.0 m/s	velocity	7.79	11.49	11.63	11.56	10.09	48.5	7.79	11.49					

FINAL - 2008 USA Olympic Trials (Eugene, OR)																	
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				
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)																	
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				
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)																	
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				
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)																
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			
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)																	
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				
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)																	
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				
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)																	
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				
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)																	
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				
reaction time		interval	1.15	0.87	0.90	0.86	0.86	0.88	0.86	0.88	0.91	PB	# of strides	3.87	2.62	2.62	
wind	1.6 m/s	velocity	5.41	8.70	11.49	11.11	11.63	11.63	11.36	11.63	11.36	10.99	9.98	44.7	7.75	11.45	11.45

Heat 2 - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.91	2.95	3.87	4.82	5.65	6.52	7.37	8.27	9.20	10.16	10.16	2 / 3
reaction time		interval		1.04	0.92	0.95	0.83	0.87	0.85	0.90	0.93	0.96		# of strides 3.87 2.65 2.68
wind	1.8 m/s	velocity	5.24	9.62	10.87	10.53	12.05	11.49	11.76	11.11	10.75	10.42	9.84	7.75 11.32 11.19

Døhlie, Petter Gire (NOR) (1985)

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

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

date	25-Jul-09	time		4.41		7.44		9.44		11.50	11.50	7 / 7
reaction time		interval				3.03		2.00		2.06		# of strides 4.41 3.03
wind	3.0 m/s	velocity		6.80		9.90		10.00		9.71	8.70	6.80 9.90

Domogala, Patrick (GER) (1993)

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

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

date	09-Sep-19	time			6.03					10.57	10.57	8 / 7
reaction time	0.157	interval								4.54		# of strides
wind	-1.1 m/s	velocity			8.29					11.01	9.46	45.0

FINAL - 2010 German National Youth Championships (Ulm, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	07-Aug-10	time	3.17	4.17	5.11	6.96	8.82	10.74	10.74	1 / 2
reaction time		interval		1.00	0.94	1.85	1.86	1.92		# of strides 4.17 2.79
wind	0.0 m/s	velocity	6.31	10.00	10.64	10.81	10.75	10.42	9.31	7.19 10.75

Semi-Final 1 - 2010 German National Youth Championships (Ulm, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	07-Aug-10	time	3.18	4.16	5.10	6.94	8.78	10.68	10.68	1 / 1
reaction time		interval		0.98	0.94	1.84	1.84	1.90		# of strides 4.16 2.78
wind	1.0 m/s	velocity	6.29	10.20	10.64	10.87	10.87	10.53	9.36	7.21 10.79

Donati, Roberto (ITA) (1983)

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

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

date	31-Jul-11	time		4.07		6.88		8.76		10.70	10.70	1 / 2
reaction time		interval				2.81		1.88		1.94		# of strides 4.07 2.81
wind	2.8 m/s	velocity		7.37		10.68		10.64		10.31	9.35	7.37 10.68

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	1 / 5 4
reaction time	0.149	interval		0.97	0.93	1.79	1.78	1.84		# of strides 4.02 2.72
wind	0.0 m/s	velocity	6.56	10.31	10.75	11.17	11.24	10.87	9.65	7.46 11.03

FINAL - 2001 ISTAF (Berlin, GER)Graubner (2009) - <http://www.fgs.uni-halle.de>

date	31-Aug-01	time	3.00	3.96	4.88	6.64	8.39	10.19	10.19	1 / 4
reaction time	0.146	interval		0.96	0.92	1.76	1.75	1.80	=NR	# of strides 3.96 2.68
wind	0.6 m/s	velocity	6.67	10.42	10.87	11.36	11.43	11.11	9.81	7.58 11.19

Douhou, Ahmed (FRA) (1976)

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

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

date	10-Feb-96	time	1.94	3.01	4.00	4.92	5.82	6.74	6.74	1 / 5
reaction time		interval		1.07	0.99	0.92	0.90	0.92		# of strides 4.00 2.74
wind		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	1 / 2
reaction time		interval		1.09	0.97	0.93	0.92	0.91		# of strides 3.99 2.76
wind		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	1 / 7 6
reaction time	0.142	interval		0.97	0.92	1.80	1.82	1.91		# of strides 3.95 2.72
wind	0.0 m/s	velocity	6.71	10.31	10.87	11.11	10.99	10.47	9.62	7.59 11.03

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

date	06-Aug-02	time	2.95	3.90	4.81	6.60	8.41	10.30	10.30	1 / 3 2
reaction time	0.123	interval		0.95	0.91	1.79	1.81	1.89		# of strides 3.90 2.70
wind	0.1 m/s	velocity	6.78	10.53	10.99	11.17	11.05	10.58	9.71	7.69 11.11

Drayton, Éric (FRA) (1972)

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

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

date	10-Feb-96	time	1.95	3.03	4.03	4.97	5.91	6.84	6.84	1 / 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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Dreyer, Hannes (RSA) (1985)																	
A FINAL - 2013 Windsprint (Sundsvall, SWE) (2013) - www.ssg.se/windsprint/Splittider/																	
date	28-Jul-13	time		3.94		6.65		8.45		10.30		10.30	3 / 6				
reaction time		interval				2.71		1.80		1.85			# of strides	3.94	2.71		
wind	3.0 m/s	velocity		7.61		11.07		11.11		10.81		9.71	47.0	7.61	11.07		
Heat 8 - 2013 Windsprint (Sundsvall, SWE) (2013) - www.ssg.se/windsprint/Splittider/																	
date	28-Jul-13	time		3.99		6.71		8.55		10.44		10.44	6 / 4				
reaction time		interval				2.72		1.84		1.89			# of strides	3.99	2.72		
wind	1.8 m/s	velocity		7.52		11.03		10.87		10.58		9.58	7.52	11.03			
FINAL - 2012 Windsprint (Sundsvall, SWE) (2012) - www.elitlandslag.se/SprintHack/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)																	
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)																	
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	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				
Dufournier, Mathias (SWE) (1990)																	
C FINAL - 2007 Windsprint (Sundsvall, SWE) (2007) - www.ssg.se/en/Windsprint/Split-times/																	
date	24-Jul-07	time		4.28		7.21		9.22		11.22		11.22	/ 2				
reaction time		interval				2.93		2.01		2.00			# of strides	4.28	2.93		
wind	-0.4 m/s	velocity		7.01		10.24		9.95		10.00		8.91	7.01	10.24			
Durant, Adrian (ISV) (1984)																	
Heat 5 - 2009 IAAF World Championships (Berlin, GER) Graubner (2009) - biomechanical analyses at the 12th IAAF world championships																	
date	15-Aug-09	time		3.01	3.97	4.89		6.73		8.56		10.46	10.46	2 / 5			
reaction time	0.154	interval		0.96	0.92		1.84		1.83	1.90			# of strides	3.97	2.76		
wind	-0.7 m/s	velocity		6.64	10.42	10.87		10.87		10.93		10.53	9.56	7.56	10.87		
Dvorák, Filip (CZE) (1997)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) Feher (2014) - Final report from the U18 & U20 Czech Republic national championships																	
date	28-Jun-14	time	2.05	3.17	4.22	5.26	6.27	7.29	8.32	9.35	10.40	11.50	11.50	1 / 8			
reaction time	0.148	interval		1.12	1.05	1.04	1.01	1.02	1.03	1.03	1.05	1.10		# of strides	4.22	3.07	3.11
wind	-2.1 m/s	velocity	4.88	8.93	9.52	9.62	9.90	9.80	9.71	9.71	9.52	9.09	8.70	7.11	9.77	9.65	
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE) Feher (2014) - Final report from the U18 & U20 Czech Republic national championships																	
date	28-Jun-14	time		3.16		5.23		7.23		9.28		11.44	11.44	5 / 4			
reaction time	0.150	interval				2.07		2.00		2.05		2.16		# of strides			
wind	-2.7 m/s	velocity		6.33		9.66		10.00		9.76		9.26	8.74				
Dwyer, Rasheed (JAM) (1989)																	
FINAL - 2011 Windsprint (Sundsvall, SWE) (2011) - www.ssg.se/en/Windsprint/Split-times/																	
date	31-Jul-11	time		3.94		6.65		8.42		10.24		10.24	6 / 3				
reaction time		interval				2.71		1.77		1.82			# of strides	3.94	2.71		
wind	2.8 m/s	velocity		7.61		11.07		11.30		10.99		9.77	7.61	11.07			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Eaton, Ashton (USA) (1988)																			
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)																			
												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	19-Aug-09	time	3.00	4.90	6.77	8.61	10.53	10.53				2 / 2							
reaction time	0.162	interval		1.90	1.87	1.84	1.92				# of strides								
wind	0.2 m/s	velocity	6.67	10.53	10.70	10.87	10.42	9.50											
Edgar, Tyrone (GBR) (1982)																			
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)																			
												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	15-Aug-09	time	2.96	3.91	4.81	6.59	8.31	10.12	10.12				7 / 2						
reaction time	0.149	interval		0.95	0.90	1.78	1.72	1.81				# of strides	3.91	2.68					
wind	0.4 m/s	velocity	6.76	10.53	11.11	11.24	11.63	11.05	9.88				7.67	11.19					
Heat 10 - 2009 IAAF World Championships (Berlin, GER)																			
												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	15-Aug-09	time	3.01	3.97	4.88	6.67	8.43	10.42	10.42				1 / 2						
reaction time	0.153	interval		0.96	0.91	1.79	1.76	1.99				# of strides	3.97	2.70					
wind	-0.3 m/s	velocity	6.64	10.42	10.99	11.17	11.36	10.05	9.60				7.56	11.11					
B FINAL - 2009 ISTAF (Berlin, GER)																			
												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>							
date	14-Jun-09	time	2.98	3.94	4.85	6.64	8.48	10.33	10.33				/ 3						
reaction time	0.136	interval		0.96	0.91	1.79	1.84	1.85				# of strides	3.94	2.70					
wind	0.2 m/s	velocity	6.71	10.42	10.99	11.17	10.87	10.81	9.68				7.61	11.11					
Edoburun, Ojie (GBR) (1996)																			
National FINAL - 2024 London Athletics Meet (London, GBR)																			
												<i>Omega Timing (2024) - diamond league race analysis</i>							
date	20-Jul-24	time	1.97	3.03	3.99	4.89	5.77	6.63	7.51	8.39	9.28	10.18	10.18				3 / 4		
reaction time	0.177	interval		1.06	0.96	0.90	0.88	0.86	0.88	0.88	0.89	0.90				# of strides	3.99	2.64	2.65
wind	2.1 m/s	velocity	5.08	9.43	10.42	11.11	11.36	11.63	11.36	11.24	11.11	9.82				7.52	11.36	11.32	
FINAL - 2022 Bislett Games (Oslo, NOR)																			
												<i>Omega Timing (2022) - diamond league race analysis</i>							
date	16-Jun-22	time	3.01	4.90	6.70	8.48	10.30	10.30				1 / 8							
reaction time	0.143	interval		1.89	1.80	1.78	1.82				# of strides								
wind	0.5 m/s	velocity	6.64	10.58	11.11	11.24	10.99	9.71				44.2							
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)																			
												<i>European Athletics (2019) - race analysis</i>							
date	09-Sep-19	time		5.88		10.31	10.31				6 / 5								
reaction time	0.148	interval				4.43				# of strides									
wind	-1.1 m/s	velocity		8.50		11.29	9.70				44.0								
Edwards, Monzavous (Rae) (USA) (1981)																			
FINAL - 2010 Windsprint (Sundsvall, SWE)																			
												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>							
date	08-Aug-10	time		4.02		6.74	8.55	10.41	10.41				/ 3						
reaction time		interval				2.72	1.81	1.86				# of strides	4.02	2.72					
wind	0.7 m/s	velocity		7.46		11.03	11.05	10.75	9.61				7.46	11.03					
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)																			
												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	16-Aug-09	time	3.01	3.97	4.89	6.67	8.38	10.14	10.14				2 / 6						
reaction time	0.146	interval		0.96	0.92	1.78	1.71	1.76				# of strides	3.97	2.70					
wind	-0.2 m/s	velocity	6.64	10.42	10.87	11.24	11.70	11.36	9.86				45.5	7.56	11.11				
Quarter-Final 5 - 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	3.97	4.88	6.66	8.38	10.15	10.15				7 / 3						
reaction time	0.157	interval		0.96	0.91	1.78	1.72	1.77				# of strides	3.97	2.69					
wind	0.1 m/s	velocity	6.64	10.42	10.99	11.24	11.63	11.30	9.85				7.56	11.15					
Heat 4 - 2009 IAAF World Championships (Berlin, GER)																			
												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	15-Aug-09	time	3.11	4.08	5.00	6.78	8.53	10.32	10.32				5 / 3						
reaction time	0.181	interval		0.97	0.92	1.78	1.75	1.79				# of strides	4.08	2.70					
wind	-0.1 m/s	velocity	6.43	10.31	10.87	11.24	11.43	11.17	9.69				7.35	11.11					
FINAL - 2009 ISTAF (Berlin, GER)																			
												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>							
date	14-Jun-09	time	3.02	3.97	4.88	6.63	8.39	10.16	10.16				/ 4						
reaction time	0.184	interval		0.95	0.91	1.75	1.76	1.77				# of strides	3.97	2.66					
wind	1.4 m/s	velocity	6.62	10.53	10.99	11.43	11.36	11.30	9.84				7.56	11.28					
FINAL - 2009 Meeting Pas de Calais (Lieviv, FRA)																			
												<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lieviv-m605.pdf</i>							
date	10-Feb-09	time		3.99	5.78	6.67		6.67				1 / 6							
reaction time	0.159	interval			1.79	0.89						# of strides	3.99	2.68					
		velocity		7.52	11.17	11.24			9.00				29.5	7.52	11.19				
Heat 2 - 2009 Meeting Pas de Calais (Lieviv, FRA)																			
												<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lieviv-m605.pdf</i>							
date	10-Feb-09	time		4.01	5.81	6.68		6.68				1 / 4							
reaction time	0.149	interval			1.80	0.87						# of strides	4.01	2.67					

velocity	7.48	11.11	11.49	8.98	29.5	7.48	11.24
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Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	29-Jun-08	time	1.97	3.01	3.95	4.84	5.71	6.59	7.46	8.34	9.22	10.16	10.16	1 / 6			
reaction time		interval		1.04	0.94	0.89	0.87	0.88	0.87	0.88	0.88	0.94		# of strides	3.95	2.64	2.63
wind	2.2 m/s	velocity	5.08	9.62	10.64	11.24	11.49	11.36	11.49	11.36	11.36	10.64	9.84	45.7	7.59	11.36	11.41

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.87	2.98	3.91	4.80	5.67	6.55	7.42	8.25	9.16	10.06	10.06	5 / 5			
reaction time		interval		1.11	0.93	0.89	0.87	0.88	0.87	0.83	0.91	0.90		# of strides	3.91	2.64	2.61
wind	1.6 m/s	velocity	5.35	9.01	10.75	11.24	11.49	11.36	11.49	12.05	10.99	11.11	9.94	45.5	7.67	11.36	11.49

Heat 4 - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.96	3.02	3.94	4.84	5.71	6.59	7.42	8.31	9.21	10.13	10.13	7 / 2			
reaction time		interval		1.06	0.92	0.90	0.87	0.88	0.83	0.89	0.90	0.92		# of strides	3.94	2.65	2.62
wind	0.8 m/s	velocity	5.10	9.43	10.87	11.11	11.49	11.36	12.05	11.24	11.11	10.87	9.87	7.61	11.32	11.45	

FINAL - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.00	3.07	4.02	4.94	5.84	6.75	7.62	8.54	9.43	10.35	10.35	9 / 6			
reaction time		interval		1.07	0.95	0.92	0.90	0.91	0.87	0.92	0.89	0.92		# of strides	4.02	2.73	2.68
wind	-2.3 m/s	velocity	5.00	9.35	10.53	10.87	11.11	10.99	11.49	10.87	11.24	10.87	9.66	45.0	7.46	10.99	11.19

FINAL - 2003 USATF National Championships (Palo Alto, CA)

USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.00	3.07	4.04	4.95	5.84	6.69	7.55	8.43	9.32	10.25	10.25	4 / 6 5			
reaction time		interval		1.07	0.97	0.91	0.89	0.85	0.86	0.88	0.89	0.93		# of strides	4.04	2.65	2.63
wind	1.6 m/s	velocity	5.00	9.35	10.31	10.99	11.24	11.76	11.63	11.36	11.24	10.75	9.76	7.43	11.32	11.41	

Effiong, Daniel (NGR) (1972)

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

FINAL - 1993 IAAF World Championships (Stuttgart, GER)

Stein (1993) - verbesserung der schnelligkeit

date	15-Aug-93	time				3.89				6.50		8.25		10.04	10.04	5 / 7		
reaction time		interval								2.61		1.75		1.79		# of strides	3.89	2.61
wind	0.3 m/s	velocity				7.71				11.49		11.43		11.17	9.96	43.7	7.71	11.49

Eichenberger, Joshua (SUI) (1999)

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

B Race - 2023 Athletissima (Lausanne, SUI)

Omega Timing (2023) - diamond league race analysis

date	30-Jun-23	time	1.95	3.05	4.04	5.00	5.94	6.89	7.83	8.79	9.76	10.74	10.74	3 / 5			
reaction time		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		9.69		11.42	11.42	3 / 4		
reaction time		interval								2.96		2.09		4.08		# of strides	4.38	2.96
wind	0.6 m/s	velocity			6.85					10.14		9.57		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		9.69		11.29	11.29	2 / 5		
reaction time		interval								2.93		2.09		4.09		# of strides	4.27	2.93
wind	0.7 m/s	velocity			7.03					10.24		9.57		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		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

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	1 / 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)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	08-Aug-10	time		4.31		7.30		9.31		11.40		11.40															
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, Nsiki (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)													<i>Omega Timing (2024) - diamond league race analysis</i>														
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)													<i>Omega Timing (2023) - continental tour race analysis</i>														
date	04-Jun-23	time	1.93	3.02	3.98	4.91	5.81	6.71	7.61	8.51	9.42	10.35	10.35		8 / 1												
reaction time	0.141	interval		1.09	0.96	0.93	0.90	0.90	0.90	0.90	0.91	0.93	PB		# of strides	3.98	2.73	2.71									
wind	0.1 m/s	velocity	5.18	9.17	10.42	10.75	11.11	11.11	11.11	11.11	10.99	10.75	9.66			7.54	10.99	11.07									
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)													<i>Omega Timing (2022) - diamond league race analysis</i>														
date	09-Jun-22	time		2.94		4.81		6.56		8.33		10.17	10.17		1 / 4												
reaction time	0.131	interval				1.87		1.75		1.77		1.84			# of strides												
wind	-0.2 m/s	velocity		6.80		10.70		11.43		11.30		10.87	9.83		49.0												
Elofsson, Fredrik (SWE) (1973)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	20-Jul-94	time			4.04			6.87		8.75		10.68	10.68		1 / 5												
reaction time		interval						2.83		1.88		1.93			# of strides	4.04	2.83										
wind	1.8 m/s	velocity			7.43			10.60		10.64		10.36	9.36			7.43	10.60										
Elvung-Nilsson, Viktor (SWE) (1994)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2012 Windsprint (Sundsvall, SWE)													<i>(2012) - www.elitandslag.se/SprintHäck/KortSprint.aspx</i>														
date	17-Jun-12	time			4.30			7.24		9.18		11.17	11.17		1 / 1												
reaction time		interval						2.94		1.94		1.99			# of strides	4.30	2.94										
wind	1.4 m/s	velocity			6.98			10.20		10.31		10.05	8.95			6.98	10.20										
Emedolu, Uchenna (NGR) (1976)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 ISTAF (Berlin, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	31-Aug-01	time		3.00	3.94	4.83		6.58		8.32		10.11	10.11		1 / 3												
reaction time	0.172	interval			0.94	0.89		1.75		1.74		1.79	PB		# of strides	3.94	2.64										
wind	0.6 m/s	velocity		6.67	10.64	11.24		11.43		11.49		11.17	9.89			7.61	11.36										
Emelieze, Peter (NGR) (1988)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Meeting Pas de Calais (Lievain, FRA)													<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>														
date	10-Feb-09	time		3.89		5.72		6.63					6.63		3 / 2												
reaction time	0.104	interval				1.83		0.91							# of strides	3.89	2.74										
		velocity		7.71		10.93		10.99					9.05		31.0	7.71	10.95										
Heat 1 - 2009 Meeting Pas de Calais (Lievain, FRA)													<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>														
date	10-Feb-09	time		3.91		5.73		6.64					6.64		7 / 2												
reaction time	0.136	interval				1.82		0.91							# of strides	3.91	2.73										
		velocity		7.67		10.99		10.99					9.04		30.7	7.67	10.99										
Emmelmann, Frank (GDR) (1961)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1982 East German Spitzenklasse (Cottbus, GDR)													<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>														
date	21-Aug-82	time		3.99				6.66		8.42		10.20	10.20		1 / 1												
reaction time		interval						2.67		1.76		1.78			# of strides	3.99	2.67										
wind	1.7 m/s	velocity		7.52				11.24		11.36		11.24	9.80			7.52	11.24										
FINAL - 1980 Olympischen Tag (East Berlin, GDR)													<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>														
date	28-May-80	time		4.12				6.86		8.67		10.51	10.51		1 / 5												
reaction time		interval						2.74		1.81		1.84			# of strides	4.12	2.74										
wind	-0.5 m/s	velocity		7.28				10.95		11.05		10.87	9.51			7.28	10.95										
Engberg, Johan (SWE) (1981)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	24-Jul-07	time		4.09				6.90		8.76		10.70	10.70		1 / 5												
reaction time		interval						2.81		1.86		1.94			# of strides	4.09	2.81										
wind	1.4 m/s	velocity		7.33				10.68		10.75		10.31	9.35			7.33	10.68										
Engel, Roscoe (RSA) (1989)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
date	28-Jul-13	time		4.02				6.68		8.43		10.20	10.20		8 / 4												

reaction time	interval				2.66	1.75	1.77				# of strides	4.02	2.66
wind	3.0 m/s	velocity	7.46		11.28	11.43	11.30	9.80			44.5	7.46	11.28

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

date	28-Jul-13	time	4.07		6.77	8.54	10.34	10.34			2 / 3		
reaction time	interval				2.70	1.77	1.80				# of strides	4.07	2.70
wind	1.8 m/s	velocity	7.37		11.11	11.30	11.11	9.67				7.37	11.11

Engwall, Andreas (SWE) (1992)

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

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

date	20-Jul-14	time	4.09		6.96	8.83	10.78	10.78			5 / 4		
reaction time	interval				2.87	1.87	1.95				# of strides	4.09	2.87
wind	3.1 m/s	velocity	7.33		10.45	10.70	10.26	9.28				7.33	10.45

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

date	28-Jul-13	time	4.13		6.98	8.89	10.88	10.88			7 / 7		
reaction time	interval				2.85	1.91	1.99				# of strides	4.13	2.85
wind	1.1 m/s	velocity	7.26		10.53	10.47	10.05	9.19				7.26	10.53

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

date	17-Jun-12	time	4.16		7.01	8.90	10.85	10.85			/ 3		
reaction time	interval				2.85	1.89	1.95				# of strides	4.16	2.85
wind	2.8 m/s	velocity	7.21		10.53	10.58	10.26	9.22				7.21	10.53

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

date	31-Jul-11	time	4.16		7.05	8.98	10.99	10.99			7 / 7		
reaction time	interval				2.89	1.93	2.01				# of strides	4.16	2.89
wind	1.6 m/s	velocity	7.21		10.38	10.36	9.95	9.10				7.21	10.38

Erasmus, Emile (RSA) (1992)

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

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

date	09-Jun-22	time	2.96		4.80	6.57	8.35	10.22	10.22		9 / 5		
reaction time	0.142	interval			1.84	1.77	1.78	1.87			# of strides		
wind	-0.2 m/s	velocity	6.76		10.87	11.30	11.24	10.70	9.78		44.0		

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

date	06-Jun-22	time	2.9		4.8	6.5	8.3	10.35	10.25		6 / 3		
reaction time	0.137	interval			1.90	1.70	1.80	2.05			# of strides		
wind	-0.3 m/s	velocity	6.90		10.53	11.76	11.11	9.76	9.76		44.5		

Erewa, Robin (GER) (1991)

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

FINAL - 2010 German National Junior Championships (Ulm, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	06-Aug-10	time	3.14	4.12	5.05	6.90	8.74	10.63	10.63		/ 1		
reaction time	interval			0.98	0.93	1.85	1.84	1.89	PB		# of strides	4.12	2.78
wind	0.5 m/s	velocity	6.37	10.20	10.75	10.81	10.87	10.58	9.41			7.28	10.79

Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	06-Aug-10	time	3.15	4.14	5.08	6.92	8.77	10.65	10.65		/ 1		
reaction time	interval			0.99	0.94	1.84	1.85	1.88			# of strides	4.14	2.78
wind	1.0 m/s	velocity	6.35	10.10	10.64	10.87	10.81	10.64	9.39			7.25	10.79

Eriguchi, Masashi (JPN) (1988)

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

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

date	29-Apr-14	time	1.90	2.96	3.90	4.81	5.69	6.57	7.45	8.35	9.28	10.24	10.24	6 / 2				
reaction time	interval			1.06	0.94	0.91	0.88	0.88	0.88	0.90	0.93	0.96		# of strides	3.90	2.67	2.71	
wind	2.0 m/s	velocity	5.26	9.43	10.64	10.99	11.36	11.36	11.36	11.11	10.75	10.42	9.77		48.5	7.69	11.24	11.07

Race C - 2014 Izumo Athletics Games (Izumo, JPN)Matsuo (2014) - research.on.athlete.performance.and.technique-2014.data.book

date	20-Apr-14	time	1.95	3.00	3.95	4.87	5.78	6.70	7.62	8.56	9.52	10.49	10.49	/ 2			
reaction time	interval			1.05	0.95	0.92	0.91	0.92	0.92	0.94	0.96	0.97		# of strides	3.95	2.75	2.82
wind	0.6 m/s	velocity	5.13	9.52	10.53	10.87	10.99	10.87	10.87	10.64	10.42	10.31	9.53		7.59	10.91	10.64

Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN)Matsuo (2014) - research.on.athlete.performance.and.technique-2014.data.book

date	20-Apr-14	time	1.97	3.06	4.03	4.96	5.87	6.79	7.73	8.68	9.67	10.70	10.70	4 / 8				
reaction time	interval			1.09	0.97	0.93	0.91	0.92	0.94	0.95	0.99	1.03		# of strides	4.03	2.76	2.88	
wind	1.9 m/s	velocity	5.08	9.17	10.31	10.75	10.99	10.87	10.64	10.53	10.10	9.71	9.35		48.0	7.44	10.87	10.42

FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN)Akirabun (2013) - speed.change.and.the.highest.speed.section.appearance.in.the.100m.race.of.2012.and.2013

date	29-Apr-13	time	1.89	2.92	3.86	4.75	5.63	6.51	7.38	8.28	9.20	10.15	10.15	3 / 3				
reaction time	interval			1.03	0.94	0.89	0.88	0.88	0.87	0.90	0.92	0.95		# of strides	3.86	2.65	2.69	
wind	2.7 m/s	velocity	5.29	9.71	10.64	11.24	11.36	11.36	11.49	11.11	10.87	10.53	9.85		48.0	7.77	11.32	11.15

Heat 4 - 2010 Japanese National Championships (Marugame, JPN)														<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>				
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	

Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter</i>				
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		

Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>				
date	28-Jun-09	time	1.91	2.94	3.86	4.74	5.61	6.48	7.35	8.24	9.14	10.07	10.07	3 / 1				
reaction time		interval		1.03	0.92	0.88	0.87	0.87	0.87	0.89	0.90	0.93	PB	# of strides	3.86	2.62	2.66	
wind	1.9 m/s	velocity	5.24	9.71	10.87	11.36	11.49	11.49	11.49	11.24	11.11	10.75	9.93	7.77	11.45	11.28		

FINAL - 2007 Japanese National Championships (Osaka, JPN)														<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>				
date	01-Jul-07	time	1.94	3.03	3.99	4.91	5.83	6.75	7.67	8.61	9.56	10.53	10.53	/ 5				
reaction time		interval		1.09	0.96	0.92	0.92	0.92	0.92	0.94	0.95	0.97		# of strides	3.99	2.76	2.81	
wind	-0.3 m/s	velocity	5.15	9.17	10.42	10.87	10.87	10.87	10.87	10.64	10.53	10.31	9.50	7.52	10.87	10.68		

Eriksson, Daniel (SWE) (1996)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
H FINAL - 2013 Windsprint (Sundsvall, SWE)																					<i>(2013) - www.ssg.se/windsprint/Splittider/</i>							
date	28-Jul-13	time			4.53				7.70		9.78		11.98	11.98	7 / 4													
reaction time		interval							3.17		2.08		2.20		# of strides	4.53	3.17											
wind	1.8 m/s	velocity			6.62				9.46		9.62		9.09	8.35	6.62	9.46												

F FINAL - 2012 Windsprint (Sundsvall, SWE)														<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>				
date	17-Jun-12	time			4.52				7.70		9.83		12.07	12.07	/ 1			
reaction time		interval							3.18		2.13		2.24		# of strides	4.52	3.18	
wind	1.2 m/s	velocity			6.64				9.43		9.39		8.93	8.29	6.64	9.43		

Eriksson, Dennis (SWE) (1993)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
H FINAL - 2013 Windsprint (Sundsvall, SWE)																					<i>(2013) - www.ssg.se/windsprint/Splittider/</i>							
date	28-Jul-13	time			4.60				7.64		9.73		11.89	11.89	6 / 3													
reaction time		interval							3.04		2.09		2.16		# of strides	4.60	3.04											
wind	1.8 m/s	velocity			6.52				9.87		9.57		9.26	8.41	6.52	9.87												

Eriksson, Torbjörn (SWE) (1971)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)																					<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>							
date	20-Jul-94	time			3.98				6.69		8.48		10.35	10.35	/ 6													
reaction time		interval							2.71		1.79		1.87	PB	# of strides	3.98	2.71											
wind	1.8 m/s	velocity			7.54				11.07		11.17		10.70	9.66	7.54	11.07												

Erius, Jeff (FRA) (2004)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Meeting de Paris (Paris, FRA)																					<i>Omega Timing (2022) - diamond league race analysis</i>							
date	18-Jun-22	time			3.07				4.98		6.84		8.71	10.62	10.62	6 / 8												
reaction time	0.160	interval							1.91		1.86		1.87		# of strides													
wind	-1.6 m/s	velocity			6.51				10.47		10.75		10.70	10.47	9.42													

Ernst, Sebastian (GER) (1984)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 ISTAF (Berlin, GER)																					<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>							
date	14-Jun-09	time			3.04				4.03		4.97		6.81	8.71	10.59	10.59	/ 4											
reaction time	0.177	interval							0.99		0.94		1.84	1.90	1.88	# of strides	4.03	2.78										
wind	1.5 m/s	velocity			6.58				10.10		10.64		10.87	10.53	10.64	9.44	7.44	10.79										

Ertzgaard, John (NOR) (1977)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2007 Windsprint (Sundsvall, SWE)																					<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>							
date	24-Jul-07	time			4.33				7.29		9.27		11.34	11.34	/ 7													
reaction time		interval							2.96		1.98		2.07		# of strides	4.33	2.96											
wind	1.1 m/s	velocity			6.93				10.14		10.10		9.66	8.82	6.93	10.14												

Semi-Final 2 - 2002 European Championships (Munich, GER)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	07-Aug-02	time			3.03				4.01		4.94		6.75	8.57	10.45	10.45	/ 8	
reaction time	0.138	interval							0.98		0.93		1.81	1.82	1.88	# of strides	4.01	2.74
wind	0.1 m/s	velocity			6.60				10.20		10.75		11.05	10.99	10.64	9.57	7.48	10.95

Eseme, Emmanuel (CMR) (1993)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2024 Memorial van damme (Brussels, BEL)

date	13-Sep-24	time	1.98	3.03	3.97	4.87	5.74	6.60	7.46	8.34	9.20	10.09	10.09	8 / 4			
reaction time	0.195	interval		1.05	0.94	0.90	0.87	0.86	0.86	0.88	0.86	0.89		# of strides	3.97	2.63	2.60
wind	0.1 m/s	velocity	5.05	9.52	10.64	11.11	11.49	11.63	11.63	11.36	11.63	11.24	9.91	44.0	7.56	11.41	11.54

Omega Timing (2024) - diamond league race analysis

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

date	04-Aug-24	time	1.96	3.03	3.97	4.87	5.73	6.58	7.45	8.29	9.14	10.00	10.00	7 / 4			
reaction time	0.154	interval		1.07	0.94	0.90	0.86	0.85	0.87	0.84	0.85	0.86		# of strides	3.97	2.61	2.56
wind	0.7 m/s	velocity	5.10	9.35	10.64	11.11	11.63	11.76	11.49	11.90	11.76	11.63	10.00	44.0	7.56	11.49	11.72

Paris 2024 Olympc Games - Results Book (2024)

Heat 7 - 2024 Olympic Games (Paris, FRA)

date	03-Aug-24	time	1.96	3.00	3.96	4.86	5.72	6.57	7.42	8.26	9.13	9.98	9.98	1 / 2			
reaction time	0.154	interval		1.04	0.96	0.90	0.86	0.85	0.85	0.84	0.87	0.85		# of strides	3.96	2.61	2.56
wind	0.3 m/s	velocity	5.10	9.62	10.42	11.11	11.63	11.76	11.76	11.90	11.49	11.76	10.02	44.5	7.58	11.49	11.72

Paris 2024 Olympc Games - Results Book (2024)

FINAL - 2024 Bauhaus Galan (Stockholm, SWE)

date	02-Jun-24	time	1.94	2.99	3.94	4.86	5.75	6.63	7.51	8.39	9.28	10.16	10.16	4 / 1			
reaction time	0.138	interval		1.05	0.95	0.92	0.89	0.88	0.88	0.88	0.89	0.88		# of strides	3.94	2.69	2.65
wind	-1.0 m/s	velocity	5.15	9.52	10.53	10.87	11.24	11.36	11.36	11.36	11.24	11.36	9.84	45.0	7.61	11.15	11.32

Omega Timing (2024) - diamond league race analysis

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

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

Omega Timing (2023) - diamond league race analysis

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

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			

Longines Timing (2022) - commonwealth games race analysis

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)																	
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

Paris 2024 Olympc Games - Results Book (2024)

Heat 1 - 2024 Olympic Games (Paris, FRA)

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

Paris 2024 Olympc Games - Results Book (2024)

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)																	
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	

Paris 2024 Olympc Games - Results Book (2024)

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)															
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				

(2015) - www.windsprint/Splittider/

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)															
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	

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

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)																	
date	03-Aug-23	time	2.02	3.17	4.20	5.18	6.15	7.11	8.07	9.04	10.02	11.02	11.02	8 / 7			
reaction time	0.202	interval		1.15	1.03	0.98	0.97	0.96	0.96	0.97	0.98	1.00		# of strides	4.20	2.91	2.91
wind	-2.7 m/s	velocity	4.95	8.70	9.71	10.20	10.31	10.42	10.42	10.31	10.20	10.00	9.07	7.14	10.31	10.31	

Takashima (2023) - national high school sports festival - biomechanics data

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)																	
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	0.88	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

Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997

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)																	
Heat 2 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	03-Aug-24	time	1.94	3.03	4.00	4.91	5.81	6.71	7.61	8.54	9.48	10.45	10.45	8 / 9			
reaction time	0.158	interval		1.09	0.97	0.91	0.90	0.90	0.90	0.93	0.94	0.97		# of strides			
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)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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			
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)																	
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
date	30-Jun-22	time	3.03	4.89	6.67	8.45	10.24	10.24	8 / 5								
reaction time	0.152	interval		1.86	1.78	1.78	1.79		# of strides								
wind	-0.5 m/s	velocity	6.60	10.75	11.24	11.24	11.17	9.77	46.0								
FINAL - 2022 Meeting de Paris (Paris, FRA)																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
date	18-Jun-22	time	2.98	4.87	6.68	8.48	10.32	10.32	5 / 2								
reaction time	0.142	interval		1.89	1.81	1.80	1.84		# of strides								
wind	-1.6 m/s	velocity	6.71	10.58	11.05	11.11	10.87	9.69									
FINAL - 2021 Memorial van Damme (Brussels, BEL)																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
date	03-Sep-21	time	3.0	4.9	6.7	8.4	10.19	10.19	8 / 7								
reaction time	0.147	interval		1.90	1.80	1.70	1.79		# of strides								
wind	0.1 m/s	velocity	6.67	10.53	11.11	11.76	11.17	9.81	46.0								
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
date	04-Jul-21	time	3.0	4.9	6.7	8.4	10.16	10.16	5 / 2								
reaction time	0.154	interval		1.90	1.80	1.70	1.76		# of strides								
wind	0.5 m/s	velocity	6.67	10.53	11.11	11.76	11.36	9.84	44.5								
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)																	
<i>Omega Timing (2020) - diamond league race analysis</i>																	
date	17-Sep-20	time	3.1	4.9	6.7	8.5	10.29	10.29	1 / 8								
reaction time	0.143	interval		1.80	1.80	1.80	1.79		# of strides								
wind	0.3 m/s	velocity	6.45	11.11	11.11	11.11	11.17	5.83	45.7								
Fasuba, Olusoji (NGR) (1984)																	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	15-Aug-09	time	2.96	3.91	4.81	6.62	8.40	10.25	10.25	4 / 6							
reaction time	0.174	interval		0.95	0.90	1.81	1.78	1.85		# of strides							
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)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	15-Aug-09	time	3.01	3.96	4.87	6.67	8.45	10.31	10.31	1 / 2							
reaction time	0.176	interval		0.95	0.91	1.80	1.78	1.86		# of strides							
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)																	
<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>																	
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			
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)																	
<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>																	
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			
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)																	
<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>																	
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			
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)																	
<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>																	
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			
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		
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Fau, Štěpán (CZE) (1995)																	
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	3.32	5.43	7.46	9.49	11.52	11.52	6 / 5								
reaction time	0.219	interval		2.11	2.03	2.03	2.03		# of strides								
wind	-1.7 m/s	velocity	6.02	9.48	9.85	9.85	9.85	8.68									
Fedoriv, Andrey (RUS) (1963)																	
FINAL - 1997 European Cup (Munich, GER)												<i>Jung (2003) - http://www.fgs.uni-halle.de</i>					
date	21-Jun-97	time	1.98	3.97	6.62	10.19	10.19	/ 3									
reaction time		interval		1.99	2.65	3.57	PB	# of strides	3.97	2.65							
wind	0.2 m/s	velocity	5.05	10.05	11.32	11.20	9.81	7.56	11.32								
Feher, Jan (CZE) (1986)																	
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Feher (2013) - Final report from the men's & 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)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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	3 / 4			
reaction time	0.154	interval	1.11	1.03	1.00	0.98	0.97	0.98	1.01	1.01	1.04		# of strides	4.24	2.95	3.00	
wind	-2.1 m/s	velocity	4.76	9.01	9.71	10.00	10.20	10.31	10.20	9.90	9.90	9.62	8.90	7.08	10.17	10.00	
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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 & 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									
Feo, Frutos (ESP) (1972)																	
FINAL - 1997 European Cup (Munich, GER)												<i>Jung (2003) - http://www.fgs.uni-halle.de</i>					
date	21-Jun-97	time	2.00	4.02	6.70	10.38	10.38	/ 6									
reaction time		interval		2.02	2.68	3.68		# of strides	4.02	2.68							
wind	0.2 m/s	velocity	5.00	9.90	11.19	10.87	9.63	7.46	11.19								
Fini, Cédric (NED) (2003)																	
National - Heat 1 - 2023 FBK Games (Hengelo, NED)												<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	2 / 5			
reaction time	0.139	interval	1.10	1.00	0.96	0.93	0.91	0.92	0.92	0.93	0.94		# of strides	4.08	2.80	2.77	
wind	0.1 m/s	velocity	5.05	9.09	10.00	10.42	10.75	10.99	10.87	10.87	10.75	10.64	9.44	7.35	10.71	10.83	
Fisher, Andrew (BRN) (1991)																	
FINAL - 2019 Asian Athletics Championships (Doha, QAT)												<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
Fisher, Andrew (JAM) (1991)																	
A FINAL - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
date	20-Jul-14	time		3.90	6.58	8.40	10.32	10.32	5 / 5 4								
reaction time		interval			2.68	1.82	1.92		# of strides	3.90	2.68						
wind	1.5 m/s	velocity		7.69	11.19	10.99	10.42	9.69	7.69	11.19							
A FINAL - 2013 Windsprint (Sundsvall, SWE)												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
date	28-Jul-13	time		3.90	6.54	8.31	10.16	10.16	6 / 3								
reaction time		interval			2.64	1.77	1.85		# of strides	3.90	2.64						
wind	3.0 m/s	velocity		7.69	11.36	11.30	10.81	9.84	44.5	7.69	11.36						
Fiti, Scott James (FSM) (1995)																	
Prelim 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	03-Aug-24	time	2.05	3.20	4.23	5.25	6.26	7.29	8.34	9.40	10.49	11.61	11.61	8 / 7			
reaction time	0.185	interval	1.15	1.03	1.02	1.01	1.03	1.05	1.06	1.09	1.12		# of strides	4.23	3.06	3.20	
wind	0.2 m/s	velocity	4.88	8.70	9.71	9.80	9.90	9.71	9.52	9.43	9.17	8.93	8.61	7.09	9.80	9.38	
Florence, Derrick (USA) (1968)																	
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)												<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>					
date	17-Jul-86	time	1.93	3.00	3.97	4.83	5.72	6.61	7.46	8.43	9.25	10.17	10.17	/ 1			
reaction time		interval		1.07	0.97	0.86	0.89	0.89	0.85	0.97	0.82	0.92	CR	# of strides	3.97	2.64	2.64

wind	0.8 m/s	velocity	5.18	9.35	10.31	11.63	11.24	11.24	11.76	10.31	12.20	10.87	9.83	7.56	11.36	11.36		
Fongué, Rolf (SUI) (1987)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	07-May-16	time					5.92						10.75	10.75				3
reaction time		interval											4.83		# of strides			
wind	0.9 m/s	velocity				8.45							10.35	9.30				
Forde, Ryiem (JAM) (2001)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2024) - diamond league race analysis</i>					
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			
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	
Förnestic, Frank (SWE) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
C FINAL - 2017 Windsprint (Sundsvall, SWE)													<i>(2017) - www.windsprint/Splittider/</i>					
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				
wind	1.5 m/s	velocity	6.98		9.76	10.00		10.00		9.48		8.73		6.98	9.84			
Forsberg, Johan (SWE) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
E FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
date	28-Jul-13	time	4.20		7.12		9.07		11.12		11.12		11.12		4 / 6			
reaction time		interval			2.92		1.95		2.05					# of strides				
wind	2.8 m/s	velocity	7.14		10.27		10.26		9.76		8.99		8.99	7.14	10.27			
E FINAL - 2011 Windsprint (Sundsvall, SWE)													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	31-Jul-11	time	4.25		7.24		9.24		11.44		11.44		11.44		2 / 7			
reaction time		interval			2.99		2.00		2.20					# of strides				
wind	1.8 m/s	velocity	7.06		10.03		10.00		9.09		8.74		8.74	7.06	10.03			
Forte, Julian (JAM) (1993)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)													<i>Omega Timing (2020) - diamond league race analysis</i>					
date	17-Sep-20	time	3.0		4.8		6.6		8.4		10.15		10.15		7 / 6			
reaction time	0.132	interval			1.80		1.80		1.80		1.75			# of strides				
wind	0.3 m/s	velocity	6.67		11.11		11.11		11.11		11.43		5.91	45.0				
A FINAL - 2014 Windsprint (Sundsvall, SWE)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
date	20-Jul-14	time	3.96		6.65		8.40		10.19		10.19		10.19		3 / 2			
reaction time		interval			2.69		1.75		1.79					# of strides				
wind	1.5 m/s	velocity	7.58		11.15		11.43		11.17		9.81		9.81	7.58	11.15			
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
date	28-Jul-13	time	3.90		6.49		8.20		9.98		9.98		9.98		4 / 2			
reaction time		interval			2.59		1.71		1.78					# of strides				
wind	3.0 m/s	velocity	7.69		11.58		11.70		11.24		10.02		10.02	7.69	11.58			
Fossøy, Jostein (NOR) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
D FINAL - 2015 Windsprint (Sundsvall, SWE)													<i>(2015) - www.windsprint/Splittider/</i>					
date	26-Jul-15	time					7.09		9.08		11.12		11.12		3 / 5			
reaction time		interval							1.99		2.04			# of strides				
wind	0.9 m/s	velocity					8.46		10.05		9.80		8.99					
C FINAL - 2014 Windsprint (Sundsvall, SWE)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
date	20-Jul-14	time	4.05		6.94		8.87		10.86		10.86		10.86		1 / 6			
reaction time		interval			2.89		1.93		1.99					# of strides				
wind	0.3 m/s	velocity	7.41		10.38		10.36		10.05		9.21		9.21	7.41	10.38			
C FINAL - 2012 Windsprint (Sundsvall, SWE)													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	17-Jun-12	time	4.10		6.95		8.86		10.86		10.86		10.86		1 / 4			
reaction time		interval			2.85		1.91		2.00					# of strides				
wind	2.8 m/s	velocity	7.32		10.53		10.47		10.00		9.21		9.21	7.32	10.53			
Francis, Samuel (QAT) (1987)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	15-Aug-09	time	2.95	3.90	4.80		6.60		8.35		10.20		10.20		6 / 5			
reaction time	0.147	interval		0.95	0.90		1.80		1.75		1.85			# of strides				
wind	-0.4 m/s	velocity	6.78	10.53	11.11		11.11		11.43		10.81		9.80	7.69	11.11			
Heat 8 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	15-Aug-09	time	2.99	3.93	4.83		6.62		8.39		10.21		10.21		5 / 1			
reaction time	0.159	interval		0.94	0.90		1.79		1.77		1.82			# of strides				

wind	0.0 m/s	velocity	6.69	10.64	11.11	11.17	11.30	10.99	9.79	7.63	11.15
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FINAL - 2009 ISATF (Berlin, GER)

date	14-Jun-09	time	3.01	3.95	4.85	6.60	8.38	10.19	10.19	<i>Graubner (2009) - http://www.fgs.uni-halle.de / 5</i>		
reaction time	0.187	interval	0.94	0.90	1.75	1.78	1.81	1.81	1.81	# of strides	3.95	2.65
wind	1.4 m/s	velocity	6.64	10.64	11.11	11.43	11.24	11.05	9.81	7.59	11.32	

FINAL - 2008 Asian Indoor Championships (Doha, QAT)

date	14-Feb-08	time	1.91	3.00	3.95	4.86	5.74	6.62	6.62	<i>Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008 4 / 1</i>		
reaction time		interval	1.09	0.95	0.91	0.88	0.88	CR	CR	# of strides	3.95	2.67
wind		velocity	5.24	9.17	10.53	10.99	11.36	11.36	9.06	7.59	11.24	

Frater, Michael (JAM) (1982)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 7 - 2011 IAAF World Championships (Daegu, KOR)																	
date	27-Aug-11	time	1.93	2.99	3.93	4.74	5.71	6.59	7.47	8.37	9.30	10.27	10.26	5 / 1			
reaction time	0.149	interval	1.06	0.94	0.81	0.97	0.88	0.88	0.90	0.93	0.97			# of strides	3.93	2.66	2.71
wind	-1.2 m/s	velocity	5.18	9.43	10.64	12.35	10.31	11.36	11.36	11.11	10.75	10.31	9.75	48.0	7.63	11.28	11.07

FINAL - 2010 Osaka Grand Prix (Osaka, JPN)

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	<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride / 1</i>			
reaction time		interval	1.07	0.94	0.90	0.89	0.89	0.88	0.90	0.91	0.93			# of strides	3.94	2.68	2.69
wind	0.0 m/s	velocity	5.18	9.35	10.64	11.11	11.24	11.24	11.36	11.11	10.99	10.75	9.77	49.7	7.61	11.19	11.15

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

date	16-Aug-09	time	2.97	3.91	4.81	6.59	8.31	10.14	10.14	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships 7 / 5</i>							
reaction time	0.153	interval	0.94	0.90	1.78	1.72	1.83			# of strides	3.91	2.68					
wind	-0.2 m/s	velocity	6.73	10.64	11.11	11.24	11.63	10.93	9.86	49.0	7.67	11.19					

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

date	15-Aug-09	time	2.95	3.89	4.78	6.54	8.28	10.09	10.09	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships 5 / 2</i>							
reaction time	0.142	interval	0.94	0.89	1.76	1.74	1.81			# of strides	3.89	2.65					
wind	0.1 m/s	velocity	6.78	10.64	11.24	11.36	11.49	11.05	9.91	7.71	11.32						

Heat 1 - 2009 IAAF World Championships (Berlin, GER)

date	15-Aug-09	time	2.98	3.93	4.84	6.62	8.40	10.30	10.30	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships 6 / 1</i>							
reaction time	0.144	interval	0.95	0.91	1.78	1.78	1.90			# of strides	3.93	2.69					
wind	-0.4 m/s	velocity	6.71	10.53	10.99	11.24	11.24	10.53	9.71	7.63	11.15						

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

date	13-Sep-08	time	2.99	3.93	4.83	5.71	6.59	7.42	8.31	10.10	10.10	<i>Graubner (2009) - http://www.fgs.uni-halle.de 4 / 3</i>					
reaction time	0.137	interval	0.94	0.90	0.88	0.88	0.83	0.89	1.79			# of strides	3.93	2.66			
wind	0.4 m/s	velocity	6.69	10.64	11.11	11.36	11.36	12.05	11.24	11.17	9.90	50.2	7.63	11.28			

FINAL - 2008 Olympic Games (Beijing, CHN)

date	16-Aug-08	time	3.85	6.48	8.21	9.97	9.97	<i>Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21 2 / 6</i>									
reaction time	0.147	interval	2.63	1.73	1.76	PB		# of strides	3.85	2.63							
wind	0.0 m/s	velocity	7.79	11.41	11.56	11.36	10.03	49.5	7.79	11.41							

FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)

date	22-Sep-07	time	2.98	3.93	4.83	6.59	8.34	10.11	10.11	<i>Graubner (2007) - http://www.fgs.uni-halle.de 5 / 3</i>							
reaction time	0.149	interval	0.95	0.90	1.76	1.75	1.77			# of strides	3.93	2.66					
wind	-0.3 m/s	velocity	6.71	10.53	11.11	11.36	11.43	11.30	9.89	49.6	7.63	11.28					

Fray, Mike (JAM) (1947)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1972 Olympic Games (Munich, FRG)																	
date	01-Sep-72	time	3.98	6.73	8.53	10.40	10.40	<i>Breizer (1984) - sprint competition analysis 8 / 5</i>									
reaction time		interval	2.75	1.80	1.87			# of strides	3.98	2.75							
wind	0.3 m/s	velocity	7.54	10.91	11.11	10.70	9.62	46.0	7.54	10.91							

Fredericks, Frank (NAM) (1967)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 ISTAF (Berlin, GER)																	
date	31-Aug-01	time	3.00	3.96	4.87	6.64	8.44	10.29	10.29	<i>Graubner (2009) - http://www.fgs.uni-halle.de / 5</i>							
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)

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	<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997 2 / 4</i>			
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)

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	<i>Grosser (2007) - Schnelligkeitsairtraining 5 / 2</i>			
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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	11.49	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
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

Fuchs, Markus (AUT) (1995)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.03	4.01	4.94	5.86	6.78	7.72	8.66	9.62	10.59	10.59		2 / 8
reaction time	0.144	interval		1.07	0.98	0.93	0.92	0.92	0.94	0.94	0.96	0.97			# of strides
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

Fujimitsu, Kenji (JPN) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2017 FUSE Sprint (FUSE, JPN)***Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	04-Jun-17	time	1.92	2.99	3.94	4.85	5.74	6.62	7.49	8.37	9.26	10.17	10.17		1 / 2
reaction time		interval		1.07	0.95	0.91	0.89	0.88	0.87	0.88	0.89	0.91			# of strides
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

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		1 / 5
reaction time		interval		1.06	0.96	0.92	0.89	0.91	0.91	0.92	0.92	0.93			# of strides
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

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
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

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
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

B Race - 2010 Mikio Oda Memorial (Hiroshima, JPN)*Takikawa (????) - a study on scientific data usage model and development process of 100m performance*

date	29-Apr-10	time			3.96		6.71			10.40		10.40			1 / 1
reaction time		interval					2.75			3.69		PB			# of strides
wind	1.6 m/s	velocity			7.58		10.91			10.84		9.62			46.1

Fujiwara, Hiroto (JPN) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)***Kobayashi (2020) - national high school and U20 national championships*

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
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

Heat 1 - 2020 Japanese High School National Championships (Hiroshima, JPN)*Kobayashi (2020) - national high school and U20 national championships*

date	24-Oct-20	time	1.94	3.02	3.99	4.93	5.84	6.75	7.67	8.60	9.55	10.53	10.53		5 / 1
reaction time	0.153	interval		1.08	0.97	0.94	0.91	0.91	0.92	0.93	0.95	0.98			# of strides
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

Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.92	3.02	4.01	4.95	5.87	6.78	7.70	8.64	9.59	10.58	10.58		2 / 7
reaction time	0.151	interval		1.10	0.99	0.94	0.92	0.91	0.92	0.94	0.95	0.99	PB		# of strides
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

U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)*Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time		4.09		6.00			10.85		10.85				5 / 4
reaction time	0.151	interval				1.91			4.85						# of strides
wind	-2.3 m/s	velocity		7.33		3.33			10.31		9.22				7.33

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

date	05-Aug-19	time	1.95	3.03	4.01	4.94	5.85	6.76	7.67	8.60	9.55	10.54	10.54	/ 8				
reaction time		interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.95	0.99		# of strides	4.01	2.75	2.79	
wind	2.9 m/s	velocity	5.13	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.53	10.10	9.49		7.48	10.91	10.75	
Fukagawa, Shinpei (JPN) (2002)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)																	<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
Heat 3 - 2020 Japanese U20 National Championships (Hiroshima, JPN)																	<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
Fukufuka, Maleselo (TGA) (2005)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Prelim 5 - 2024 Olympic Games (Paris, FRA)																	<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 / 9 7				
reaction time	0.155	interval		1.20	1.10	1.09	1.08	1.06	1.09	1.10	1.11	1.13	PB	# of strides	4.45	3.23	3.30	
wind	-0.4 m/s	velocity	4.65	8.33	9.09	9.17	9.26	9.43	9.17	9.09	9.01	8.85	8.26		6.74	9.29	9.09	
Fukushima, Kiyoshi (JPN) (2000)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2017 Japanese High School Championships (Yamagata, JPN)																	<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	10.64	6 / 3				
reaction time	0.138	interval					2.80			2.83	1.00			# of strides	4.01	2.80	2.83	
wind	-2.0 m/s	velocity		7.48			10.71			10.60	10.00	9.40			7.48	10.71	10.60	
Galiyev, Rinat (KAZ) (1984)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2008 Asian Indoor Championships (Doha, QAT)																	<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		
Garcia, Melique (HON) (1992)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Prelim 3 - 2024 Olympic Games (Paris, FRA)																	<i>Paris 2024 Olympic 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
Garcia, Yordanis (CUB) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)																	<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	PB	# of strides				
wind	0.2 m/s	velocity		6.56		10.47		10.70		10.81		10.42	9.43					
Gardener, Jason (GBR) (1975)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 1 - 2002 European Championships (Munich, GER)																	<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 / 6 5				
reaction time	0.154	interval		0.97	0.93		1.81		1.82		1.86			# of strides	3.94	2.74		
wind	0.0 m/s	velocity	6.73	10.31	10.75		11.05		10.99		10.75	9.65			7.61	10.95		
Quarter-Final 1 - 2002 European Championships (Munich, GER)																	<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		
Heat 5 - 2002 European Championships (Munich, GER)																	<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		
FINAL - 1999 IAAF World Championships (Sevilla, ESP)																	<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	
Gardiner, Rija Vatomanga (MAD) (1999)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Prelim 3 - 2024 Olympic Games (Paris, FRA)																	<i>Paris 2024 Olympic 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	PB	# of strides	4.15	2.82	2.86	
wind	0.1 m/s	velocity	4.90	9.01	10.00	10.42	10.75	10.75	10.53	10.64	10.31	10.10	9.24		48.5	7.23	10.64	10.49

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Garia, Christopher (NED) (1992)																	
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)																	
<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				
Gatlin, Justin (USA) (1982)																	
FINAL - 2021 Prefontaine Classic (Eugene, OR)																	
<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								
FINAL - 2019 IAAF World Championships (Doha, QAT)																	
<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
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	8.3	10.08	10.08	3 / 4								
reaction time	0.153	interval		1.9	1.7	1.7	1.78		# of strides								
wind	-0.4 m/s	velocity	6.67	10.53	11.76	11.76	11.24	9.92	44.0								
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)																	
<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>																	
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	3.86	2.65	2.64
wind	-0.7 m/s	velocity	5.38	9.52	10.53	11.11	11.36	11.49	11.49	11.49	11.11	10.99	9.94	44.7	7.77	11.32	11.36
FINAL - 2017 IAAF World Championships (London, GBR)																	
<i>Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final</i>																	
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	0.87		# of strides	3.81	2.64	2.60
wind	-0.8 m/s	velocity	5.32	9.80	10.99	11.11	11.36	11.63	11.63	11.49	11.49	11.49	10.08	44.0	7.87	11.36	11.54
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)																	
<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>																	
date	08-May-16	time	1.84	2.90	3.84	4.73	5.61	6.48	7.34	8.22	9.11	10.02	10.02	5 / 1			
reaction time		interval	1.06	0.94	0.89	0.88	0.87	0.86	0.88	0.89	0.91			# of strides	3.84	2.64	2.63
wind	-0.4 m/s	velocity	5.43	9.43	10.64	11.24	11.36	11.49	11.63	11.36	11.24	10.99	9.98	44.9	7.81	11.36	11.41
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)																	
<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>																	
date	11-May-14	time	1.88	2.90	3.83	4.71	5.59	6.46	7.33	8.21	9.11	10.02	10.02	3 / 1			
reaction time		interval	1.02	0.93	0.88	0.88	0.87	0.87	0.88	0.90	0.91			# of strides	3.83	2.63	2.65
wind	-3.5 m/s	velocity	5.32	9.80	10.75	11.36	11.36	11.49	11.49	11.36	11.11	10.99	9.98	49.2	7.83	11.41	11.32
FINAL - 2012 Olympic Games (London, GBR)																	
<i>Vazel (2020) - https://twitter.com/pjvazel/status/1297188878311284745?s=21</i>																	
date	05-Aug-12	time			3.80		6.37		8.05		9.79	9.79	6 / 3				
reaction time	0.178	interval					2.57		1.68		1.74	PB	# of strides	3.80	2.57		
wind	1.5 m/s	velocity			7.89		11.67		11.90		11.49	10.21	42.2	7.89	11.67		
FINAL - 2006 USATF National Championships (Indianapolis, IN)																	
<i>USATF Women's Sprint Development (2006)</i>																	
date	23-Jun-06	time	1.92	2.98	3.87	4.73	5.59	6.46	7.29	8.16	9.06	9.93	9.93	4 / 4			
reaction time		interval	1.06	0.89	0.86	0.86	0.87	0.87	0.83	0.87	0.90	0.87	DV	# of strides	3.87	2.59	2.60
wind	-1.2 m/s	velocity	5.21	9.43	11.24	11.63	11.63	11.49	12.05	11.49	11.11	11.49	10.07	43.0	7.75	11.58	11.54
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)																	
<i>USATF Women's Sprint Development (2006)</i>																	
date	23-Jun-06	time	1.90	2.92	3.87	4.72	5.61	6.47	7.32	8.19	9.07	9.99	9.99	3 / 4			
reaction time		interval	1.02	0.95	0.85	0.89	0.86	0.85	0.87	0.88	0.92	DV	# of strides	3.87	2.60	2.60	
wind	-1.2 m/s	velocity	5.26	9.80	10.53	11.76	11.24	11.63	11.76	11.49	11.36	10.87	10.01	42.2	7.75	11.54	11.54
FINAL - 2006 Qatar Super Grand Prix (Doha, QAT)																	
<i>Kuitunen (2006) - justin gatlin wr 9.77 - race analysis - short report</i>																	
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 / 4			
reaction time		interval	1.05	0.91	0.85	0.84	0.81	0.82	0.86	0.84	0.86	-WR-DV	# of strides	3.89	2.50	2.52	
wind	1.7 m/s	velocity	5.18	9.52	10.99	11.76	11.90	12.35	12.20	11.63	11.90	11.63	10.24	41.6	7.71	12.00	11.90

FINAL - 2006 Osaka Grand Prix (Osaka, JPN)*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*

date	06-May-06	time	1.93	2.95	3.88	4.77	5.63	6.49	7.35	8.21	9.07	9.95	9.95	/ 4			
reaction time		interval		1.02	0.93	0.89	0.86	0.86	0.86	0.86	0.86	0.88	DV	# of strides	3.88	2.61	2.58
wind	-0.1 m/s	velocity	5.18	9.80	10.75	11.24	11.63	11.63	11.63	11.63	11.63	11.36	10.05		7.73	11.49	11.63

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

date	25-Jun-05	time	1.97	3.02	3.95	4.84	5.72	6.58	7.43	8.33	9.22	10.08	10.08	7 / 1			
reaction time		interval		1.05	0.93	0.89	0.88	0.86	0.85	0.90	0.89	0.86		# of strides	3.95	2.63	2.64
wind	-2.3 m/s	velocity	5.08	9.52	10.75	11.24	11.36	11.63	11.76	11.11	11.24	11.63	9.92		43.0	7.59	11.41

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

date	22-Aug-04	time	1.87	2.90		5.56	6.41	7.27		8.98	9.85	9.85	3 / 1			
reaction time	0.188	interval		1.03		2.66	0.85	0.86		1.71	0.87	PB	# of strides			2.57
wind	0.6 m/s	velocity	5.35	9.71		11.28	11.76	11.63		11.70	11.49	10.15		42.0		11.67

FINAL - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.94	2.94	3.87	4.75	5.60	6.47	7.32	8.17	9.04	9.92	9.92	5 / 2			
reaction time	0.157	interval		1.00	0.93	0.88	0.85	0.87	0.85	0.85	0.87	0.88	PB	# of strides	3.87	2.60	2.57
wind	0.0 m/s	velocity	5.15	10.00	10.75	11.36	11.76	11.49	11.76	11.76	11.49	11.36	10.08		7.75	11.54	11.67

Gavélas, Aristotélis (GRE) (1978)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2002 European Championships (Munich, GER)***Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.97	3.92	4.82		6.62		8.45		10.36	10.36	/ 7 6			
reaction time	0.158	interval			0.95	0.90		1.80		1.83		1.91		# of strides	3.92	2.70	
wind	-0.3 m/s	velocity		6.73	10.53	11.11		11.11		10.93		10.47	9.65		7.65	11.11	

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

date	07-Aug-02	time		2.96	3.91	4.81		6.61		8.43		10.34	10.34	/ 3 2			
reaction time	0.161	interval			0.95	0.90		1.80		1.82		1.91		# of strides	3.91	2.70	
wind	0.0 m/s	velocity		6.76	10.53	11.11		11.11		10.99		10.47	9.67		7.67	11.11	

Gay, Tyson (USA) (1982)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2009 Seiko Super Grand Prix (Kawasaki, JPN)***Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	23-Sep-09	time	1.93	2.99	3.92	4.82	5.69	6.56	7.43	8.30	9.20	10.13	10.13	/ 1			
reaction time		interval		1.06	0.93	0.90	0.87	0.87	0.87	0.87	0.90	0.93		# of strides	3.92	2.64	2.64
wind	0.5 m/s	velocity	5.18	9.43	10.75	11.11	11.49	11.49	11.49	11.49	11.11	10.75	9.87		7.65	11.36	11.36

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

date	16-Aug-09	time	1.91	2.93	3.84	4.70	5.54	6.36	7.19	8.02	8.86	9.71	9.71	5 / 2			
reaction time	0.144	interval		1.02	0.91	0.86	0.84	0.82	0.83	0.83	0.84	0.85	AR	# of strides	3.84	2.52	2.50
wind	0.9 m/s	velocity	5.24	9.80	21.98	23.26	23.81	24.39	24.10	24.10	23.81	23.53	10.30		45.9	7.81	11.90

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

date	16-Aug-09	time		2.99	3.92	4.80		6.54		8.21		9.93	9.93	5 / 1			
reaction time	0.143	interval			0.93	0.88		1.74		1.67		1.72		# of strides	3.92	2.62	
wind	-0.2 m/s	velocity		6.69	10.75	11.36		11.49		11.98		11.63	10.07		44.5	7.65	11.45

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

date	15-Aug-09	time		2.97	3.90	4.79		6.53		8.22		9.98	9.98	6 / 1			
reaction time	0.155	interval			0.93	0.89		1.74		1.69		1.76		# of strides	3.90	2.63	
wind	0.1 m/s	velocity		6.73	10.75	11.24		11.49		11.83		11.36	10.02		7.69	11.41	

Heat 11 - 2009 IAAF World Championships (Berlin, GER)*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.02	3.96	4.85		6.62		8.35		10.16	10.16	8 / 1			
reaction time	0.194	interval			0.94	0.89		1.77		1.73		1.81		# of strides	3.96	2.66	
wind	-0.2 m/s	velocity		6.62	10.64	11.24		11.30		11.56		11.05	9.84		7.58	11.28	

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

date	29-Jun-08	time	1.95	2.98	3.87	4.74	5.57	6.37	7.17	7.99	8.82	9.68	9.68	4 / 1			
reaction time	0.132	interval		1.03	0.89	0.87	0.83	0.80	0.80	0.82	0.83	0.86		# of strides	3.87	2.50	2.45
wind	4.1 m/s	velocity	5.13	9.71	11.24	11.49	12.05	12.50	12.50	12.20	12.05	11.63	10.33		44.5	7.75	12.00

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

date	29-Jun-08	time	2.04	3.04	3.92	4.81	5.61	6.45	7.29	8.12	8.97	9.85	9.85	4 / 1			
reaction time		interval		1.00	0.88	0.89	0.80	0.84	0.84	0.83	0.85	0.88		# of strides	3.92	2.53	2.52
wind	2.2 m/s	velocity	4.90	10.00	11.36	11.24	12.50	11.90	11.90	12.05	11.76	11.36	10.15		44.0	7.65	11.86

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

date	28-Jun-08	time	1.90	2.92	3.85	4.74	5.56	6.39	7.22	8.05	8.89	9.77	9.77	2 / 1			
reaction time		interval		1.02	0.93	0.89	0.82	0.83	0.83	0.83	0.84	0.88	AR	# of strides	3.85	2.54	2.50
wind	1.6 m/s	velocity	5.26	9.80	10.75	11.24	12.20	12.05	12.05	12.05	11.90	11.36	10.24		43.8	7.79	11.81

Heat 4 - 2008 USA Olympic Trials (Eugene, OR)														<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	28-Jun-08	time	1.96	2.99	3.88	4.79	5.63	6.47	7.31	8.20	9.14	10.14	10.14	4 / 4			
reaction time		interval		1.03	0.89	0.91	0.84	0.84	0.84	0.89	0.94	1.00		# of strides	3.88	2.59	2.67
wind	0.8 m/s	velocity	5.10	9.71	11.24	10.99	11.90	11.90	11.90	11.24	10.64	10.00	9.86		7.73	11.58	11.24
FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN)														<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>			
date	30-Sep-07	time	1.98	3.05	4.00	4.91	5.79	6.67	7.55	8.43	9.32	10.23	10.23	/ 1			
reaction time		interval		1.07	0.95	0.91	0.88	0.88	0.88	0.88	0.89	0.91		# of strides	4.00	2.67	2.65
wind	-1.4 m/s	velocity	5.05	9.35	10.53	10.99	11.36	11.36	11.36	11.36	11.24	10.99	9.78		7.50	11.24	11.32
FINAL - 2007 IAAF World Championships (Osaka, JPN)														<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>			
date	26-Aug-07	time	1.90	2.94	3.86	4.73	5.59	6.44	7.28	8.13	8.99	9.85	9.85	5 / 1			
reaction time	0.143	interval		1.04	0.92	0.87	0.86	0.85	0.84	0.85	0.86	0.86		# of strides	3.86	2.58	2.55
wind	-0.5 m/s	velocity	5.26	9.62	10.87	11.49	11.63	11.76	11.90	11.76	11.63	11.63	10.15		45.2	7.77	11.63
Semi-Final 2 - 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	1.95	3.00	3.93	4.82	5.69	6.54	7.39	8.25	9.12	10.00	10.00	4 / 1			
reaction time	0.170	interval		1.05	0.93	0.89	0.87	0.85	0.85	0.86	0.87	0.88		# of strides	3.93	2.61	2.58
wind	0.1 m/s	velocity	5.13	9.52	10.75	11.24	11.49	11.76	11.76	11.63	11.49	11.36	10.00		44.5	7.63	11.49
Quarter-Final 2 - 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	1.97	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
FINAL - 2006 Weltklasse (Zurich, SUI)														<i>Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&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	PB	# of strides	3.87	2.59	2.53
wind	1.0 m/s	velocity	5.26	9.71	10.64	11.36	11.63	11.76	11.90	11.90	11.76	11.76	10.16		45.0	7.75	11.58
FINAL - 2006 USATF National Championships (Indianapolis, IN)														<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 / 2 1			
reaction time		interval		1.05	0.92	0.86	0.89	0.86	0.84	0.86	0.91	0.89		# of strides	3.96	2.61	2.61
wind	-1.2 m/s	velocity	5.03	9.52	10.87	11.63	11.24	11.63	11.90	11.63	10.99	11.24	9.93		46.7	7.58	11.49
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)														<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
Gehne, Felix (GER) (1993)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Youth Championships (Ulm, GER)														<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	=PB	# of strides	4.08	2.80	
wind	0.0 m/s	velocity		6.47	10.10	10.64		10.75		10.47		10.26	9.31		7.35	10.71	
Gemili, Adam (GBR) (1993)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)														<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		
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)														<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		
FINAL - 2019 Weltklasse (Zürich, SUI)														<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		
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		10.07	10.07	6 / 2			
reaction time	0.136	interval				1.9		1.7		1.8		1.67		# of strides			
wind	2.0 m/s	velocity		6.67		10.53		11.76		11.11		11.98	9.93		47.5		
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)														<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				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Gerlach, Mikael (SWE) (1984)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)																	
<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		
Heat 3 - 2016 Windsprint (Sundsvall, SWE)																	
<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		
F FINAL - 2014 Windsprint (Sundsvall, SWE)																	
<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		
G FINAL - 2013 Windsprint (Sundsvall, SWE)																	
<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		
E FINAL - 2012 Windsprint (Sundsvall, SWE)																	
<i>(2012) - www.elitandslag.se/SprintHäck/KortSprint.aspx</i>																	
date	17-Jun-12	time		4.43			7.50		9.54		11.64	11.64	/ 3				
reaction time		interval					3.07		2.04		2.10		# of strides	4.43	3.07		
wind	1.4 m/s	velocity		6.77			9.77		9.80		9.52	8.59		6.77	9.77		
G FINAL - 2011 Windsprint (Sundsvall, SWE)																	
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	31-Jul-11	time		4.47			7.55		9.57		11.67	11.67	6 / 1				
reaction time		interval					3.08		2.02		2.10		# of strides	4.47	3.08		
wind	1.4 m/s	velocity		6.71			9.74		9.90		9.52	8.57		6.71	9.74		
Getahun, Kidus Yohannes (SWE) (1998)																	
C FINAL - 2017 Windsprint (Sundsvall, SWE)																	
<i>(2017) - www.windsprint/Splittider/</i>																	
date	30-Jul-17	time		4.42		6.49	7.50		9.52		11.64	11.64	7 / 7				
reaction time		interval				2.07	1.01		2.02		2.12		# of strides	4.42	3.08		
wind	1.5 m/s	velocity		6.79		9.66	9.90		9.90		9.43	8.59		6.79	9.74		
Ghansah, Matias (SWE) (1974)																	
FINAL - 1994 (Tønsberg, NOR)																	
<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	20-Jul-94	time		4.00			6.72		8.53		10.39	10.39	1 / 7				
reaction time		interval					2.72		1.81		1.86		# of strides	4.00	2.72		
wind	1.8 m/s	velocity		7.50			11.03		11.05		10.75	9.62		7.50	11.03		
Gill, Shuan (BIZ) (1993)																	
Prelim 4 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	03-Aug-24	time	1.98	3.08	4.08	5.05	6.02	6.99	8.01	9.03	10.08	11.17	11.17	6 / 6			
reaction time	0.143	interval		1.10	1.00	0.97	0.97	0.97	1.02	1.02	1.05	1.09		# of strides	4.08	2.91	3.09
wind	0.2 m/s	velocity	5.05	9.09	10.00	10.31	10.31	10.31	9.80	9.80	9.52	9.17	8.95	49.0	7.35	10.31	9.71
Gillespie, Cravon (USA) (1996)																	
FINAL - 2021 Prefontaine Classic (Eugene, OR)																	
<i>Omega Timing (2021) - diamond league race analysis</i>																	
date	21-Aug-21	time	3.0		4.8		6.6		8.3		10.09	10.09	1 / 9				
reaction time	0.145	interval			1.80		1.80		1.70		1.79		# of strides				
wind	2.9 m/s	velocity	6.67		11.11		11.11		11.76		11.17	9.91	46.2				
FINAL - 2020 Millrose Games (New York, NY)																	
<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>																	
date	08-Feb-20	time	3.10	4.03	4.95	5.84	6.70					6.70	2 / 5				
reaction time	0.212	interval		0.93	0.92	0.89	0.86						# of strides	4.03	2.67		
wind		velocity	6.45	10.75	10.87	11.24	11.63					8.96	29.7	7.44	11.24		
FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	12-Jul-19	time				5.8					10.14	10.14	6 / 5				
reaction time		interval									4.34		# of strides				
wind	0.3 m/s	velocity				8.62					11.52	9.86	47.0				
Gittens, Ramon (BAR) (1987)																	
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)																	
<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>																	
date	08-May-16	time	1.87	2.95	3.91	4.82	5.72	6.60	7.49	8.39	9.31	10.26	10.26	8 / 3			
reaction time		interval		1.08	0.96	0.91	0.90	0.88	0.89	0.90	0.92	0.95		# of strides	3.91	2.69	2.71
wind	-0.4 m/s	velocity	5.35	9.26	10.42	10.99	11.11	11.36	11.24	11.11	10.87	10.53	9.75	47.8	7.67	11.15	11.07
Heat 12 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	

date	15-Aug-09	time	3.00	3.97	4.89	6.74	8.58	10.47	10.47	4 / 4			
reaction time	0.147	interval		0.97	0.92	1.85	1.84	1.89		# of strides	3.97	2.77	
wind	-0.4 m/s	velocity	6.67	10.31	10.87	10.81	10.87	10.58	9.55		7.56	10.83	

Gjertsen, Martin Trondseth (NOR) (1993) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
C FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time		4.14	6.10	7.07	9.00	11.02	11.02	2 / 1			
reaction time		interval			1.96	0.97	1.93	2.02	PB	# of strides	4.14	2.93	
wind	1.5 m/s	velocity		7.25	10.20	10.31	10.36	9.90	9.07		7.25	10.24	

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

date	28-Jul-13	time		4.32		7.30	9.27	11.28	11.28	7 / 8			
reaction time		interval				2.98	1.97	2.01		# of strides	4.32	2.98	
wind	3.0 m/s	velocity		6.94		10.07	10.15	9.95	8.87		6.94	10.07	

Glave, Romell (JAM) (1999) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR) *Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.2		5.0	6.8	8.6	10.42	10.42	3 / 6			
reaction time	0.109	interval			1.8	1.8	1.8	1.82		# of strides			
wind	-0.3 m/s	velocity	6.25		11.11	11.11	11.11	10.99	9.60				

Glide, Vebjörn (NOR) (1993) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
E FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time		4.22		7.28	9.33	11.41	11.41	8 / 5			
reaction time		interval				3.06	2.05	2.08		# of strides	4.22	3.06	
wind	1.1 m/s	velocity		7.11		9.80	9.76	9.62	8.76		7.11	9.80	

Göbel, Tim (GER) (1982) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
FINAL - 2001 European Cup (Bremen, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time	3.01	3.97	4.89	6.67	8.49	10.35	10.35	1 / 5			
reaction time		interval		0.96	0.92	1.78	1.82	1.86		# of strides	3.97	2.70	
wind	1.4 m/s	velocity	6.64	10.42	10.87	11.24	10.99	10.75	9.66		7.56	11.11	

Goldman, Daniel (SWE) (1979) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
F FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time		4.28		7.33	9.38	11.48	11.48	7 / 4			
reaction time		interval				3.05	2.05	2.10		# of strides	4.28	3.05	
wind	1.6 m/s	velocity		7.01		9.84	9.76	9.52	8.71		7.01	9.84	

Golubovic, Daniel (AUS) (1993) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	2.14	3.30	4.35	5.33	6.34	7.32	8.31	9.31	10.33	11.32	11.32	2 / 6			
reaction time	0.161	interval		1.16	1.05	0.98	1.01	0.98	0.99	1.00	1.02	0.99		# of strides	4.35	2.97	3.01
wind	0.9 m/s	velocity	4.67	8.62	9.52	10.20	9.90	10.20	10.10	10.00	9.80	10.10	8.83		46.0	6.90	10.10

Gomez, Mathieu (FRA) (1986) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Heat 1 - 2009 Meeting Pas de Calais (Lievin, FRA) *Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievin-m605.pdf*

date	10-Feb-09	time		4.07		5.98	6.93				6.93	8 / 8				
reaction time	0.164	interval				1.91	0.95					# of strides	4.07	2.86		
		velocity		7.37		10.47	10.53				8.66		31.5	7.37	10.49	

González, José (DOM) (1995) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Heat 7 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.96	3.05	4.00	4.92	5.83	6.72	7.60	8.51	9.43	10.40	10.40	8 / 8			
reaction time	0.164	interval		1.09	0.95	0.92	0.91	0.89	0.88	0.91	0.92	0.97		# of strides	4.00	2.72	2.71
wind	0.3 m/s	velocity	5.10	9.17	10.53	10.87	10.99	11.24	11.36	10.99	10.87	10.31	9.62		46.2	7.50	11.03

Goto, Tatsuki (JPN) (2002) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN) *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.95	3.06	4.07	5.04	5.99	6.94	7.90	8.87	9.86	10.87	10.87	1 / 9			
reaction time	0.158	interval		1.11	1.01	0.97	0.95	0.95	0.96	0.97	0.99	1.01		# of strides	4.07	2.87	2.92
wind	0.7 m/s	velocity	5.13	9.01	9.90	10.31	10.53	10.53	10.42	10.31	10.10	9.90	9.20		50.9	7.37	10.45

Green, Joseph (GUM) (2001) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Prelim 5 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	2.04	3.15	4.15	5.12	6.06	6.99	7.94	8.89	9.86	10.85	10.85	7 / 5 4			
reaction time	0.163	interval		1.11	1.00	0.97	0.94	0.93	0.95	0.95	0.97	0.99		# of strides	4.15	2.84	2.87
wind	-0.4 m/s	velocity	4.90	9.01	10.00	10.31	10.64	10.75	10.53	10.53	10.31	10.10	9.22		48.0	7.23	10.56

Greene, Cejhae (ANT) (1995) **10m** **20m** **30m** **40m** **50m** **60m** **70m** **80m** **90m** **100m** **Official Time** **Lane / Place** **0-30m** **30-60m** **60-90m**
Heat 8 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.87	2.94	3.89	4.80	5.69	6.57	7.45	8.34	9.23	10.17	10.17	3 / 4			
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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	9.83	47.2	7.71	11.19	11.28

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

date	10-Jun-21	time	3.0	4.9	6.7	8.6	10.39	10.39	2 / 7
reaction time	0.138	interval	1.90	1.80	1.90	1.79	# of strides	49.0	
wind	-0.1 m/s	velocity	6.67	10.53	11.11	10.53	11.17	9.62	

Greene, Maurice (USA) (1974)

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

date	25-Jun-05	time	1.95	3.00	3.90	4.82	5.68	6.57	7.54	dnf	6 / --
reaction time	0.138	interval	1.05	0.90	0.92	0.86	0.89	0.97	# of strides	3.90	2.67
wind	-2.3 m/s	velocity	5.13	9.52	11.11	10.87	11.63	11.24	10.31	7.69	11.24

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

date	22-Aug-04	time	1.88	2.92	5.60	6.44	7.29	9.01	9.87	9.87	7 / 3	
reaction time	0.151	interval	1.04	2.68	0.84	0.85	1.72	0.86	# of strides	2.57		
wind	0.6 m/s	velocity	5.32	9.62	11.19	11.90	11.76	11.63	11.63	10.13	46.5	11.67

FINAL - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	11-Jul-04	time	1.94	2.92	3.87	4.74	5.61	6.47	7.31	8.17	9.02	9.91	9.91	3 / 1			
reaction time	0.126	interval	0.98	0.95	0.87	0.87	0.86	0.84	0.86	0.85	0.89	# of strides	3.87	2.60	2.55		
wind	0.0 m/s	velocity	5.15	10.20	10.53	11.49	11.49	11.63	11.90	11.63	11.76	11.24	10.09	47.0	7.75	11.54	11.76

FINAL - 2001 IAAF World Championships (Edmonton, CAN)*Veney - split times from PJ*

date	05-Aug-01	time	1.83	2.83	3.75	4.64	5.50	6.35	7.19	8.05	8.91	9.82	9.82	4 / 1			
reaction time	0.132	interval	1.00	0.92	0.89	0.86	0.85	0.84	0.86	0.86	0.91	# of strides	3.75	2.60	2.56		
wind	-0.2 m/s	velocity	5.46	10.00	10.87	11.24	11.63	11.76	11.90	11.63	11.63	10.99	10.18	45.5	8.00	11.54	11.72

FINAL - 2000 Olympic Games (Sydney, AUS)*Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)*

date	23-Sep-00	time	1.94	2.96	3.88	4.78	5.63	6.45	7.28	8.12	8.97	9.87	9.87	5 / 1			
reaction time	0.197	interval	1.02	0.92	0.90	0.85	0.82	0.83	0.84	0.85	0.90	# of strides	3.88	2.57	2.52		
wind	-0.3 m/s	velocity	5.15	9.80	10.87	11.11	11.76	12.20	12.05	11.90	11.76	11.11	10.13	45.7	7.73	11.67	11.90

FINAL - 2000 ISTAF (Berlin, GER)*Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time	2.87	3.80	4.68	5.54	6.39	8.11	9.86	9.86	/ 1		
reaction time	0.142	interval	0.93	0.88	0.86	0.85	1.72	1.75	9.86	# of strides	3.80	2.59	
wind	-0.2 m/s	velocity	6.97	10.75	11.36	11.63	11.76	11.63	11.43	10.14	45.9	7.89	11.58

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

date	22-Aug-99	time	1.73	2.76	3.68	4.56	5.42	6.26	7.11	7.96	8.81	9.67	9.80	5 / 1		
reaction time	0.132	interval	1.03	0.92	0.88	0.86	0.84	0.85	0.85	0.85	0.86	CR	# of strides	3.68	2.58	2.55
wind	0.2 m/s	velocity	5.78	9.71	10.87	11.36	11.63	11.90	11.76	11.76	11.63	11.63	10.20	8.15	11.63	11.76

Race 3 - 1999 Tsikilitiria Grand Prix II (Athens, GRE)*Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)*

date	16-Jun-99	time	1.86	2.89	3.81	4.69	5.57	6.40	7.23	8.09	8.94	9.79	9.79	4 / 1			
reaction time	0.162	interval	1.03	0.92	0.88	0.88	0.83	0.83	0.86	0.85	0.85	WR	# of strides	3.81	2.59	2.54	
wind	0.1 m/s	velocity	5.38	9.71	10.87	11.36	11.36	12.05	12.05	11.63	11.76	11.76	10.21	45.6	7.87	11.58	11.81

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

date	03-Aug-97	time	1.71	2.75	3.67	4.55	5.42	6.27	7.12	7.98	8.85	9.73	9.86	3 / 1			
reaction time	0.134	interval	1.04	0.92	0.88	0.87	0.85	0.85	0.86	0.87	0.88	=CR / PB	# of strides	3.67	2.60	2.58	
wind	0.2 m/s	velocity	5.85	9.62	10.87	11.36	11.49	11.76	11.76	11.63	11.49	11.36	10.14	45.9	8.17	11.54	11.63

FINAL - 1997 Weltklasse (Stuttgart, GER)*Arakelyan (1998) whether deliberate analysis?*

date	13-Jul-97	time	3.81	6.48	8.28	10.04	10.04	/ 2	
reaction time	0.134	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

Griffith, Adrian (BAH) (1984)

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

date	15-Aug-09	time	3.02	3.97	4.88	6.68	8.45	10.28	10.28	10.28	1 / 5
reaction time	0.160	interval	0.95	0.91	1.80	1.77	1.83	# of strides	3.97	2.71	
wind	0.1 m/s	velocity	6.62	10.53	10.99	11.11	11.30	10.93	9.73	7.56	11.07

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

date	15-Aug-09	time	3.02	3.97	4.88	6.70	8.50	10.37	10.37	10.37	4 / 3
reaction time	0.167	interval	0.95	0.91	1.82	1.80	1.87	# of strides	3.97	2.73	
wind	-0.7 m/s	velocity	6.62	10.53	10.99	10.99	11.11	10.70	9.64	7.56	10.99

Grillo, Beppo (MLT) (2003)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Prelim 6 - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	3.06	4.05	4.99	5.92	6.83	7.79	8.75	9.72	10.69	10.69	3 / 5			
reaction time	0.154	interval		1.09	0.99	0.94	0.93	0.91	0.96	0.96	0.97	0.97		# of strides	4.05	2.78	2.89
wind	0.3 m/s	velocity	5.08	9.17	10.10	10.64	10.75	10.99	10.42	10.42	10.31	10.31	9.35	49.0	7.41	10.79	10.38
Grimes, Mickey (USA) (1976)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)													<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
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)													<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
Groth, Joel (SWE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2015 Windsprint (Sundsvall, SWE)													<i>(2015) - www.windsprint/Splittider/</i>				
date	26-Jul-15	time			4.05			6.81		8.64		10.51	10.51	1 / 1			
reaction time		interval						2.76		1.83		1.87		# of strides	4.05	2.76	
wind	0.9 m/s	velocity			7.41			10.87		10.93		10.70	9.51		7.41	10.87	
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time			4.14			6.89		8.70		10.58	10.58	1 / 8			
reaction time		interval						2.75		1.81		1.88		# of strides	4.14	2.75	
wind	3.0 m/s	velocity			7.25			10.91		11.05		10.64	9.45	44.7	7.25	10.91	
E FINAL - 2007 Windsprint (Sundsvall, SWE)													<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	1 / 4			
reaction time		interval						3.21		2.10		2.19		# of strides	4.45	3.21	
wind	0.2 m/s	velocity			6.74			9.35		9.52		9.13	8.37		6.74	9.35	
Groisard, Régis (FRA) (1973)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 International French Championships (Bercy, FRA)													<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	1 / 4			
reaction time		interval		1.07	0.99	0.91	0.90	0.92						# of strides	3.99	2.73	
		velocity	5.18	9.35	10.10	10.99	11.11	10.87					8.93		7.52	10.99	
Heat 2 - 1996 International French Championships (Bercy, FRA)													<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	1 / 3			
reaction time		interval		1.10	0.96	0.92	0.90	0.92						# of strides	3.98	2.74	
		velocity	5.21	9.09	10.42	10.87	11.11	10.87					8.93		7.54	10.95	
Grønnhaug, Jonas (NOR) (1989)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2017 Windsprint (Sundsvall, SWE)													<i>(2017) - www.windsprint/Splittider/</i>				
date	30-Jul-17	time			4.14		6.14	7.13		9.10		11.15	11.15	4 / 3			
reaction time		interval					2.00	0.99		1.97		2.05		# of strides	4.14	2.99	
wind	1.5 m/s	velocity			7.25		10.00	10.10		10.15		9.76	8.97		7.25	10.03	
D FINAL - 2014 Windsprint (Sundsvall, SWE)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time			4.09			6.97		8.86		10.83	10.83	2 / 5			
reaction time		interval						2.88		1.89		1.97		# of strides	4.09	2.88	
wind	3.1 m/s	velocity			7.33			10.42		10.58		10.15	9.23		7.33	10.42	
F FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time			4.16			7.07		9.01		11.01	11.01	3 / 2			
reaction time		interval						2.91		1.94		2.00		# of strides	4.16	2.91	
wind	3.0 m/s	velocity			7.21			10.31		10.31		10.00	9.08		7.21	10.31	
D FINAL - 2012 Windsprint (Sundsvall, SWE)													<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>				
date	17-Jun-12	time			4.20			7.19		9.17		11.19	11.19	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)													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	31-Jul-11	time			4.18			7.12		9.08		11.10	11.10	1 / 4			
reaction time		interval						2.94		1.96		2.02		# of strides	4.18	2.94	
wind	1.8 m/s	velocity			7.18			10.20		10.20		9.90	9.01		7.18	10.20	
Gruoso, Daniel (COL) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2009 IAAF World Championships (Berlin, GER)													<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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Gvušč, Jirí (CZE) (1995)																	
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)		<i>Feher (2014) - Final report from the U18 & 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	1.04			# 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 & 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		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)																	
Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)		<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)																	
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)		<i>Feher (2014) - Final report from the U18 & 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)																	
C FINAL - 2014 Windsprint (Sundsvall, SWE)		<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	
Hain, Christian (CZE) (1993)																	
Heat 3 - 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	2.04	3.18	4.23	5.23	6.24	7.25				7.25		7 / 6			
reaction time	0.127	interval		1.14	1.05	1.00	1.01	1.01						# of strides	4.23	3.02	
		velocity	4.90	8.77	9.52	10.00	9.90	9.90				8.28			7.09	9.93	
Hall, Elijah (USA) (1994)																	
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	06-Aug-22	time		3.00		4.86		6.61		8.35		10.14	10.14	2 / 6			
reaction time	0.119	interval				1.86		1.75		1.74		1.79		# of strides			
wind	-0.7 m/s	velocity		6.67		10.75		11.43		11.49		11.17	9.86	47.2			
Hall, Jeremy (USA) (1988)																	
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)		<i>USATF Women's Sprint Development with HPC (2008)</i>															
date	28-Jun-08	time	1.98	3.07	3.97	4.89	5.77	6.67	7.56	8.44	9.32	10.26	10.26	7 / 8			
reaction time		interval		1.09	0.90	0.92	0.88	0.90	0.89	0.88	0.88	0.94		# of strides	3.97	2.70	2.65
wind	1.6 m/s	velocity	5.05	9.17	11.11	10.87	11.36	11.11	11.24	11.36	11.36	10.64	9.75	45.0	7.56	11.11	11.32
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)		<i>USATF Women's Sprint Development with HPC (2008)</i>															
date	28-Jun-08	time	1.98	2.97	3.97	4.87	5.75	6.64	7.47	8.41	9.32	10.26	10.26	4 / 6			
reaction time		interval		0.99	1.00	0.90	0.88	0.89	0.83	0.94	0.91	0.94		# of strides	3.97	2.67	2.68
wind	1.8 m/s	velocity	5.05	10.10	10.00	11.11	11.36	11.24	12.05	10.64	10.99	10.64	9.75		7.56	11.24	11.19
Hällman, Simon (SWE) (1996)																	
H FINAL - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time		4.51				7.66		9.73		11.83	11.83	5 / 2			
reaction time		interval						3.15		2.07		2.10		# of strides	4.51	3.15	
wind	1.8 m/s	velocity		6.65				9.52		9.66		9.52	8.45		6.65	9.52	
Hansen, Simon (DEN) (1998)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	03-Aug-24	time	1.93	3.01	3.98	4.89	5.80	6.70	7.62	8.53	9.45	10.39	10.39	9 / 7			
reaction time	0.134	interval		1.08	0.97	0.91	0.91	0.90	0.92	0.91	0.92	0.94		# of strides	3.98	2.72	2.75
wind	-1.1 m/s	velocity	5.18	9.26	10.31	10.99	10.99	11.11	10.87	10.99	10.87	10.64	9.62	47.0	7.54	11.03	10.91
Hara, Shota (JPN) (1992)																	

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

date	04-Jun-17	time	1.87	2.94	3.90	4.80	5.68	6.56	7.44	8.33	9.22	10.13	10.13	/ 3			
reaction time		interval		1.07	0.96	0.90	0.88	0.88	0.88	0.89	0.89	0.91	PB	# of strides	3.90	2.66	2.66
wind	1.9 m/s	velocity	5.35	9.35	10.42	11.11	11.36	11.36	11.36	11.24	11.24	10.99	9.87	49.0	7.69	11.28	11.28

FINAL - 2016 Fuse Sprint (Tottori, JPN)*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.92	2.99	3.95	4.87	5.77	6.67	7.58	8.49	9.39	10.31	10.31	/ 6			
reaction time		interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.90	0.92	PB	# of strides	3.95	2.72	2.72
wind	-0.5 m/s	velocity	5.21	9.35	10.42	10.87	11.11	11.11	10.99	10.99	11.11	10.87	9.70	46.3	7.59	11.03	11.03

Hardee, Trey (USA) (1984)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		2.98		4.87		6.70		8.54		10.45	10.45	5 / 1			
reaction time	0.130	interval				1.89		1.83		1.84		1.91		# of strides			
wind	0.2 m/s	velocity		6.71		10.58		10.93		10.87		10.47	9.57				

Harden, Tim (USA) (1974)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1999 IAAF World Championships (Sevilla, ESP)***Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	23-Aug-03	time	1.73	2.75	3.67	4.57	5.46	6.32	7.19	8.08	8.97	9.88	10.02	3 / 5			
reaction time	0.136	interval		1.02	0.92	0.90	0.89	0.86	0.87	0.89	0.89	0.91		# of strides	3.67	2.65	2.65
wind	0.2 m/s	velocity	5.78	9.80	10.87	11.11	11.24	11.63	11.49	11.24	11.24	10.99	9.98		8.17	11.32	11.32

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

date	15-Jun-96	time	1.87		3.87		5.61			9.11	10.07	10.07	10.07	3 / 5			
reaction time		interval			2.00		1.74			3.50	0.96			# of strides	3.87		
wind	1.1 m/s	velocity	5.35		10.00		11.49			11.43	10.42	9.93			7.75		

Hargrett, Chrisdon (USA) (1984)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)***USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.97	3.02	3.95	4.86	5.72	6.62	7.47	8.61	9.98	12.11	12.11	7 / 8			
reaction time		interval		1.05	0.93	0.91	0.86	0.90	0.85	1.14	1.37	2.13		# of strides	3.95	2.67	3.36
wind	2.2 m/s	velocity	5.08	9.52	10.75	10.99	11.63	11.11	11.76	8.77	7.30	4.69	8.26		7.59	11.24	8.93

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)*USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.87	2.98	3.90	4.82	5.71	6.59	7.45	8.31	9.19	10.12	10.12	8 / 4			
reaction time		interval		1.11	0.92	0.92	0.89	0.88	0.86	0.86	0.88	0.93	PB	# of strides	3.90	2.69	2.60
wind	1.6 m/s	velocity	5.35	9.01	10.87	10.87	11.24	11.36	11.63	11.63	11.36	10.75	9.88		47.7	7.69	11.15

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

date	28-Jun-08	time	1.98	3.00	3.97	4.84	5.69	6.60	7.46	8.32	9.25	10.19	10.19	5 / 6			
reaction time		interval		1.02	0.97	0.87	0.85	0.91	0.86	0.86	0.93	0.94		# of strides	3.97	2.63	2.65
wind	0.8 m/s	velocity	5.05	9.80	10.31	11.49	11.76	10.99	11.63	11.63	10.75	10.64	9.81		7.56	11.41	11.32

Harris, Adam (GUY) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.99	3.95	4.86		6.69		8.50		10.39	10.39	8 / 5			
reaction time	0.144	interval			0.96	0.91		1.83		1.81		1.89		# of strides	3.95	2.74	
wind	-0.7 m/s	velocity		6.69	10.42	10.99		10.93		11.05		10.58	9.62		7.59	10.95	

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

date	15-Aug-09	time		2.98	3.93	4.83		6.65		8.46		10.35	10.35	8 / 3			
reaction time	0.134	interval			0.95	0.90		1.82		1.81		1.89		# of strides	3.93	2.72	
wind	-0.4 m/s	velocity		6.71	10.53	11.11		10.99		11.05		10.58	9.66		7.63	11.03	

Harris, Cedric (USA) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2005 USATF National Junior Championships (Carson, CA)***USATF Women's Sprint Development (2005)*

date	23-Jun-05	time	2.00	3.10	4.06	5.03	5.96	6.89	7.81	8.81	9.83	10.83	10.83	2 / 7			
reaction time		interval		1.10	0.96	0.97	0.93	0.93	0.92	1.00	1.02	1.00		# of strides	4.06	2.83	2.94
wind	-0.4 m/s	velocity	5.00	9.09	10.42	10.31	10.75	10.75	10.87	10.00	9.80	10.00	9.23		7.39	10.60	10.20

Harris, Naquille (SKN) (2002)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.95	3.05	4.02	4.95	5.86	6.75	7.64	8.55	9.46	10.38	10.38	1 / 7			
reaction time	0.163	interval		1.10	0.97	0.93	0.91	0.89	0.89	0.91	0.91	0.92		# of strides	4.02	2.73	2.71
wind	-0.2 m/s	velocity	5.13	9.09	10.31	10.75	10.99	11.24	11.24	10.99	10.99	10.87	9.63		46.2	7.46	10.99

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

date	03-Aug-24	time	1.97	3.07	4.04	4.96	5.85	6.75	7.64	8.53	9.42	10.33	10.33	3 / 1			
reaction time	0.189	interval		1.10	0.97	0.92	0.89	0.90	0.89	0.89	0.89	0.91		# of strides	4.04	2.71	2.67
wind	-0.4 m/s	velocity	5.08	9.09	10.31	10.87	11.24	11.11	11.24	11.24	11.24	10.99	9.68		46.2	7.43	11.07

Harris, Odell (USA) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

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

date	22-Jun-06	time	2.00	3.07	4.03	4.96	5.82	6.71	7.61	8.53	9.49	10.40	10.40	5 / 3			
reaction time		interval		1.07	0.96	0.93	0.86	0.89	0.90	0.92	0.96	0.91		# of strides	4.03	2.68	2.78
wind	1.5 m/s	velocity	5.00	9.35	10.42	10.75	11.63	11.24	11.11	10.87	10.42	10.99	9.62		7.44	11.19	10.79

Hartmann, Joshua (GER) (1999)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Invitational - 2024 Memorial van damme (Brussels, BEL)***Omega Timing (2024) - diamond league race analysis*

date	14-Sep-24	time	1.94	3.01	3.97	4.88	5.79	6.68	7.57	8.47	9.38	10.30	10.30	3 / 3			
reaction time	0.140	interval		1.07	0.96	0.91	0.91	0.89	0.89	0.90	0.91	0.92		# of strides	3.97	2.71	2.70
wind	0.0 m/s	velocity	5.15	9.35	10.42	10.99	10.99	11.24	11.24	11.11	10.99	10.87	9.71		7.56	11.07	11.11

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

date	04-Aug-24	time	1.92	2.97	3.92	4.83	5.71	6.59	7.48	8.36	9.26	10.16	10.16	9 / 7			
reaction time	0.141	interval		1.05	0.95	0.91	0.88	0.88	0.89	0.88	0.90	0.90		# of strides	3.92	2.67	2.67
wind	0.0 m/s	velocity	5.21	9.52	10.53	10.99	11.36	11.36	11.24	11.36	11.11	11.11	9.84		43.2	7.65	11.24

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

date	03-Aug-24	time	1.93	2.98	3.92	4.82	5.70	6.59	7.46	8.34	9.24	10.16	10.16	7 / 3			
reaction time	0.143	interval		1.05	0.94	0.90	0.88	0.89	0.87	0.88	0.90	0.92		# of strides	3.92	2.67	2.65
wind	0.2 m/s	velocity	5.18	9.52	10.64	11.11	11.36	11.24	11.49	11.36	11.11	10.87	9.84		44.0	7.65	11.24

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

date	02-Jun-24	time	1.92	2.98	3.93	4.85	5.76	6.65	7.55	8.46	9.38	10.30	10.30	1 / 6			
reaction time	0.138	interval		1.06	0.95	0.92	0.91	0.89	0.90	0.91	0.92	0.92		# of strides	3.93	2.72	2.73
wind	-1.0 m/s	velocity	5.21	9.43	10.53	10.87	10.99	11.24	11.11	10.99	10.87	10.87	9.71		44.0	7.63	11.03

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

date	16-Sep-23	time	1.95	3.01	3.97	4.87	5.76	6.64	7.52	8.41	9.31	10.30	10.30	9 / 7			
reaction time	0.152	interval		1.06	0.96	0.90	0.89	0.88	0.88	0.89	0.90	0.99		# of strides	3.97	2.67	2.67
wind	0.1 m/s	velocity	5.13	9.43	10.42	11.11	11.24	11.36	11.36	11.24	11.11	10.10	9.71		43.7	7.56	11.24

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

date	21-Jul-23	time	1.93	2.99	3.94	4.84	5.72	6.59	7.47	8.35	9.24	10.15	10.15	1 / 6			
reaction time	0.159	interval		1.06	0.95	0.90	0.88	0.87	0.88	0.88	0.89	0.91		# of strides	3.94	2.65	2.65
wind	0.6 m/s	velocity	5.18	9.43	10.53	11.11	11.36	11.49	11.36	11.36	11.24	10.99	9.85		44.0	7.61	11.32

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

date	02-Jul-23	time	1.89	2.97	3.93	4.85	5.75	6.64	7.53	8.43	9.35	10.23	10.23	8 / 3			
reaction time	0.160	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.92	0.88		# of strides	3.93	2.71	2.71
wind	1.0 m/s	velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.87	11.36	9.78		44.0	7.63	11.07

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

date	02-Jul-23	time	1.96	3.02	3.98	4.89	5.78	6.67	7.54	8.43	9.33	10.23	10.23	5 / 1			
reaction time	0.153	interval		1.06	0.96	0.91	0.89	0.89	0.87	0.89	0.90	0.90		# of strides	3.98	2.69	2.66
wind	-0.1 m/s	velocity	5.10	9.43	10.42	10.99	11.24	11.24	11.49	11.24	11.11	11.11	9.78		7.54	11.15	11.28

Hartych, Vit (CZE) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)***Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.31	5.43		7.47		9.48		11.59	11.59	11.59	7 / 5			
reaction time	0.183	interval			2.12		2.04		2.01		2.11			# of strides			
wind	-2.7 m/s	velocity		6.04	9.43		9.80		9.95		9.48	8.63					

Harvey, Jak Ali (TUR) (1989)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)***Omega Timing (2021) - diamond league race analysis*

date	10-Jun-21	time		3.1	5.0		6.8		8.6		10.46	10.46	10.46	8 / 8			
reaction time	0.153	interval			1.90		1.80		1.80		1.86			# of strides			
wind	-0.1 m/s	velocity		6.45	10.53		11.11		11.11		10.75	9.56			46.5		

Harvey, Jacques (JAM) (1989)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2011 Windsprint (Sundsvall, SWE)***(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			3.91		6.53		8.24		10.03	10.03	10.03	3 / 1			
reaction time		interval					2.62		1.71		1.79			# of strides	3.91	2.62	
wind	2.8 m/s	velocity			7.67		11.45		11.70		11.17	9.97			7.67	11.45	

Hašek, Josef (CZE) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)***Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.22	5.34		7.43		9.54		11.74	11.74	11.74	2 / 7			
reaction time	0.135	interval			2.12		2.09		2.11		2.20			# of strides			
wind	-2.7 m/s	velocity		6.21	9.43		9.57		9.48		9.09	8.52					

Hashimoto, Akiyuki (JPN) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2012 Japanese National High School Championships (Niigata, JPN)***Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time				5.85	6.75	7.65	8.59	9.53	10.50	10.50		7 / 2				
reaction time		interval					0.90	0.90	0.94	0.94	0.97			# of strides				2.78
wind	0.0 m/s	velocity				8.55	11.11	11.11	10.64	10.64	10.31	9.52						10.79
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN) <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		1 / 5				
reaction time		interval					0.94	0.93	0.94	0.96	1.00			# of strides				2.83
wind	-0.5 m/s	velocity				8.40	10.64	10.75	10.64	10.42	10.00	9.33						10.60
Hayamizu, Isamu (JPN) (1990)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN) <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	/ 3				
reaction time		interval		1.10	0.99	0.94	0.92	0.93	0.91	0.93	0.94	0.95		# of strides	4.10	2.79	2.78	
wind	-0.1 m/s	velocity	9.95	9.09	10.10	10.64	10.87	10.75	10.99	10.75	10.64	10.53	9.42		7.32	10.75	10.79	
Hayashi, Kanata (JPN) (2001)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) <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) <i>Kobayashi (2020) - national high school and U20 national championships</i>																		
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) <i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																		
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) <i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>																		
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
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) <i>USATF Women's Sprint Development with HPC (2008)</i>																		
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) <i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>																		
date	10-Feb-96	time	1.94	3.04	4.01	4.95	5.89	6.81					6.81	/ 5				
reaction time		interval		1.10	0.97	0.94	0.94	0.92						# of strides	4.01	2.80		
wind		velocity	5.15	9.09	10.31	10.64	10.64	10.87					8.81		7.48	10.71		
Hedner, Lars (SWE) (1967)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1994 (Tønsberg, NOR) <i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																		
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) <i>(2017) - www.windsprint/Splittider/</i>																		
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) <i>(2015) - www.windsprint/Splittider/</i>																		
date	26-Jul-15	time			4.18		7.13		9.09			11.07	11.07	6 / 2				
reaction time		interval					2.95		1.96			1.98		# of strides	4.18	2.95		
wind	1.1 m/s	velocity			7.18		10.17		10.20			10.10	9.03		7.18	10.17		
Helmke, Till (GER) (1984)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
C FINAL - 2009 ISTAF (Berlin, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
date	14-Jun-09	time		3.08	4.06	5.00		6.83		8.69		10.52	10.52	/ 1				
reaction time	0.162	interval			0.98	0.94		1.83		1.86		1.83		# of strides	4.06	2.77		
wind	1.5 m/s	velocity		6.49	10.20	10.64		10.93		10.75		10.93	9.51		7.39	10.83		
Helsing, Yonathan (SWE) (1998)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	

B FINAL - 2017 Windsprint (Sundsvall, SWE)(2017) - [www.windsprint/Splittider/](#)

date	30-Jul-17	time	4.27	6.19	7.13	9.05	11.05	11.05	8 / 6
reaction time		interval		1.92	0.94	1.92	2.00		# of strides 4.27 2.86
wind	1.5 m/s	velocity	7.03	10.42	10.64	10.42	10.00	9.05	7.03 10.49

A FINAL - 2016 Windsprint (Sundsvall, SWE)(2016) - [www.windsprint/Splittider/](#)

date	31-Jul-16	time	4.21		7.08		10.95	10.95	7 / 6
reaction time		interval			2.87		3.87	PB	# of strides 4.21 2.87
wind	1.4 m/s	velocity	7.13		10.45		10.34	9.13	7.13 10.45

Heat 2 - 2016 Windsprint (Sundsvall, SWE)(2016) - [www.windsprint/Splittider/](#)

date	31-Jul-16	time	4.21		7.08		11.03	11.03	5 / 2
reaction time		interval			2.87		3.95	PB	# of strides 4.21 2.87
wind	0.7 m/s	velocity	7.13		10.45		10.13	9.07	7.13 10.45

E FINAL - 2015 Windsprint (Sundsvall, SWE)(2015) - [www.windsprint/Splittider/](#)

date	26-Jul-15	time	4.20		7.21	9.19	11.22	11.22	2 / 3
reaction time		interval			3.01	1.98	2.03		# of strides 4.20 3.01
wind	1.1 m/s	velocity	7.14		9.97	10.10	9.85	8.91	7.14 9.97

D FINAL - 2014 Windsprint (Sundsvall, SWE)(2014) - [www.ssg.se/windsprint/Splittider/](#)

date	20-Jul-14	time	4.19		7.05	8.90	10.84	10.84	7 / 6
reaction time		interval			2.86	1.85	1.94		# of strides 4.19 2.86
wind	3.1 m/s	velocity	7.16		10.49	10.81	10.31	9.23	7.16 10.49

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

date	28-Jul-13	time	4.29		7.20	9.13	11.14	11.14	1 / 7
reaction time		interval			2.91	1.93	2.01		# of strides 4.29 2.91
wind	2.8 m/s	velocity	6.99		10.31	10.36	9.95	8.98	6.99 10.31

Henderson, Jamie (GBR) (1969)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1986 IAAF World Junior Championships (Athens, GRE)***Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	17-Jul-86	time	1.92	2.99	3.98	4.85	5.74	6.65	7.56	8.55	9.41	10.34	10.34	/ 3
reaction time		interval		1.07	0.99	0.87	0.89	0.91	0.91	0.99	0.86	0.93		# of strides 3.98 2.67 2.76
wind	0.8 m/s	velocity	5.21	9.35	10.10	11.49	11.24	10.99	10.99	10.10	11.63	10.75	9.67	7.54 11.24 10.87

Hendriks, Olivier (NED) (2003) (T62)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Para FINAL - 2023 Prefontaine Classic (Eugene, OR)***Omega Timing (2023) - diamond league race analysis*

date	17-Sep-23	time	2.24	3.43	4.49	5.50	6.48	7.43	8.40	9.37	10.36	11.39	11.39	2 / 5
reaction time	0.209	interval		1.19	1.06	1.01	0.98	0.95	0.97	0.97	0.99	1.03		# of strides 4.49 2.94 2.93
wind	0.0 m/s	velocity	4.46	8.40	9.43	9.90	10.20	10.53	10.31	10.31	10.10	9.71	8.78	49.5 6.68 10.20 10.24

Hession, Paul (IRL) (1983)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2012 Windsprint (Sundsvall, SWE)**(2012) - [www.elitlandslag.se/SprintHäck/KortSprint.aspx](#)

date	17-Jun-12	time		4.07		6.85		8.66		10.53	10.53	/ 2
reaction time		interval				2.78		1.81		1.87		# of strides 4.07 2.78
wind	1.0 m/s	velocity		7.37		10.79		11.05		10.70	9.50	7.37 10.79

Hicklin, Brandon (USA) (1999)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2024 Memorial van damme (Brussels, BEL)***Omega Timing (2024) - diamond league race analysis*

date	13-Sep-24	time	1.91	2.97	3.91	4.82	5.69	6.58	7.45	8.34	9.23	10.13	10.13	2 / 7
reaction time	0.175	interval		1.06	0.94	0.91	0.87	0.89	0.87	0.89	0.89	0.90		# of strides 3.91 2.67 2.65
wind	0.1 m/s	velocity	5.24	9.43	10.64	10.99	11.49	11.24	11.49	11.24	11.24	11.11	9.87	44.0 7.67 11.24 11.32

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

date	25-May-24	time	1.89	2.95	3.90	4.79	5.67	6.54	7.41	8.28	9.17	10.08	10.08	6 / 3
reaction time	0.142	interval		1.06	0.95	0.89	0.88	0.87	0.87	0.87	0.89	0.91		# of strides 3.90 2.64 2.63
wind	1.2 m/s	velocity	5.29	9.43	10.53	11.24	11.36	11.49	11.49	11.49	11.24	10.99	9.92	43.0 7.69 11.36 11.41

Hidaka, Kazuyoshi (JPN) (1980)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)***Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Apr-08	time	1.89	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.40	10.36	10.36	/ 4
reaction time		interval		1.06	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.96		# of strides 3.91 2.73 2.76
wind	2.7 m/s	velocity	5.29	9.43	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.42	9.65	7.67 10.99 10.87

Higashida, Akihiro (JPN) (1995)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.95	3.03	3.98	4.87	5.75	6.63	7.53	8.41	9.33	10.19	10.19	9 / 5
reaction time	0.129	interval		1.08	0.95	0.89	0.88	0.88	0.90	0.88	0.92	0.86		# of strides 3.98 2.65 2.70
wind	0.6 m/s	velocity	5.13	9.26	10.53	11.24	11.36	11.36	11.11	11.36	10.87	11.63	9.81	47.5 7.54 11.32 11.11

FINAL - 2019 National Sports Festival (Hitachinaka, JPN)*Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time	3.93	5.75	10.34	10.34	4 / 1		
reaction time	0.154	interval		1.82	4.59		# of strides	3.93	
wind	-0.1 m/s	velocity	7.63	3.48	10.89	9.67	47.2	7.63	

Hill, Ronald (USA) (1984)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>					
date	22-Jun-03	time	2.02	3.12	4.15	5.12	6.04	6.99	7.92	8.89	9.84	10.83	10.83	8 / 8			
reaction time		interval		1.10	1.03	0.97	0.92	0.95	0.93	0.97	0.95	0.99		# of strides	4.15	2.84	2.85
wind	0.0 m/s	velocity	4.95	9.09	9.71	10.31	10.87	10.53	10.75	10.31	10.53	10.10	9.23		7.23	10.56	10.53

Hilmersson, Jonas (SWE) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	25-Jul-09	time		4.14		7.07		9.02		11.09	11.09	/ 2			
reaction time		interval				2.93		1.95		2.07		# of strides	4.14	2.93	
wind	3.0 m/s	velocity		7.25		10.24		10.26		9.66	9.02		7.25	10.24	

C FINAL - 2007 Windsprint (Sundsvall, SWE)												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	24-Jul-07	time		4.24		7.27		9.35		11.47	11.47	/ 8			
reaction time		interval				3.03		2.08		2.12		# of strides	4.24	3.03	
wind	-0.4 m/s	velocity		7.08		9.90		9.62		9.43	8.72		7.08	9.90	

Hilton, Cody (USA) (1998)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	1.97	3.04	4.00	4.91	5.80	6.71	7.61	8.49	9.40	10.33	10.33	2 / 2			
reaction time	0.154	interval		1.07	0.96	0.91	0.89	0.91	0.90	0.88	0.91	0.93		# of strides	4.00	2.71	2.69
wind	-1.6 m/s	velocity	5.08	9.35	10.42	10.99	11.24	10.99	11.11	11.36	10.99	10.75	9.68		7.50	11.07	11.15

Hinchliffe, Louie (GBR) (2002)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	04-Aug-24	time	1.91	2.99	3.94	4.83	5.70	6.55	7.40	8.25	9.13	9.97	9.97	5 / 3				
reaction time	0.145	interval		1.08	0.95	0.89	0.87	0.85	0.85	0.85	0.88	0.84		# of strides	3.94	2.61	2.58	
wind	0.7 m/s	velocity	5.24	9.26	10.53	11.24	11.49	11.76	11.76	11.76	11.36	11.90	10.03		46.0	7.61	11.49	11.63

Heat 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	03-Aug-24	time	1.94	3.01	3.95	4.84	5.70	6.55	7.40	8.26	9.12	9.98	9.98	3 / 1				
reaction time	0.146	interval		1.07	0.94	0.89	0.86	0.85	0.85	0.86	0.86	0.86		# of strides	3.95	2.60	2.57	
wind	-0.2 m/s	velocity	5.15	9.35	10.64	11.24	11.63	11.76	11.76	11.63	11.63	11.63	10.02		47.0	7.59	11.54	11.67

FINAL - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	20-Jul-24	time	1.99	3.04	3.99	4.88	5.74	6.59	7.43	8.27	9.14	9.97	9.97	6 / 4				
reaction time	0.185	interval		1.05	0.95	0.89	0.86	0.85	0.84	0.84	0.87	0.83		# of strides	3.99	2.60	2.55	
wind	-0.3 m/s	velocity	5.03	9.52	10.53	11.24	11.63	11.76	11.90	11.90	11.49	12.05	10.03		46.7	7.52	11.54	11.76

Hinds, Andrew (BAR) (1984)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	15-Aug-09	time		2.96	3.91	4.82		6.61		8.38	10.23	10.23	10.23	4 / 4	
reaction time	0.128	interval			0.95	0.91		1.79		1.77	1.85		# of strides	3.91	2.70
wind	0.1 m/s	velocity		6.76	10.53	10.99		11.17		11.30	10.81	9.78		7.67	11.11

Heat 7 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	15-Aug-09	time		3.00	3.96	4.87		6.67		8.46	10.30	10.30	10.30	4 / 1	
reaction time	0.150	interval			0.96	0.91		1.80		1.79	1.84		# of strides	3.96	2.71
wind	0.4 m/s	velocity		6.67	10.42	10.99		11.11		11.17	10.87	9.71		7.58	11.07

FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	25-Jul-09	time		3.92		6.59		8.33		10.19	10.19	/ 2			
reaction time		interval				2.67		1.74		1.86		# of strides	3.92	2.67	
wind	1.0 m/s	velocity		7.65		11.24		11.49		10.75	9.81		7.65	11.24	

Hines, Jim (USA) (1946)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1968 Olympic Games (Mexico City, MEX) (Altitude)												<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	WR	# of strides	3.84	2.64	
wind	0.3 m/s	velocity		7.81		11.36		11.63		11.43	10.05		45.0	7.81	11.36

Hirano, Shodai (JPN) (2001)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												<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	10.42	10.10	9.90	9.28		49.3	7.48	10.53	10.31

Heat 1 - 2020 Japanese U20 National Championships (Hiroshima, JPN)												<i>Kobayashi (2020) - national high school and U20 national championships</i>			
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wind	0.1 m/s	velocity	5.10	9.26	10.20	10.75	10.75	10.87	10.87	10.75	10.64	10.20	9.46	7.46	10.79	10.75	
Hordge, Willie (USA) (1984)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													<i>USATF Women's Sprint Development (2003)</i>				
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
Horie, Shintaro (JPN) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Race B - 2014 Izumo Athletics Games (Izumo, JPN)													<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>				
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		7.44	10.75	10.79
Hoshida, Daichi (JPN) (2003)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>				
date	04-Oct-19	time			4.14		6.13					11.13	11.13	3 / 5			
reaction time	0.182	interval					1.99					5.00		# of strides	4.14		
wind	-1.1 m/s	velocity			7.25		3.26					10.00	8.98		7.25		
Hove Johnansen, Mattias (NOR) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2017 Windsprint (Sundsvall, SWE)													<i>(2017) - www.windsprint/Splittider/</i>				
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	
Howell, Davonte (CAY) (2005)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
Prelim 2 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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
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)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
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)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
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	
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)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				

date	03-Aug-24	time	1.94	3.00	3.92	4.81	5.68	6.53	7.40	8.26	9.13	10.03	10.03	4 / 3														
reaction time	0.136	interval		1.06	0.92	0.89	0.87	0.85	0.87	0.86	0.87	0.90		# of strides	3.92	2.61	2.60											
wind	0.2 m/s	velocity	5.15	9.43	10.87	11.24	11.49	11.76	11.49	11.63	11.49	11.11	9.97	45.5	7.65	11.49	11.54											
FINAL - 2024 London Athletics Meet (London, GBR)														<i>Omega Timing (2024) - diamond league race analysis</i>														
date	20-Jul-24	time	1.98	3.04	3.98	4.86	5.72	6.57	7.42	8.28	9.15	10.00	10.00	3 / 6														
reaction time	0.126	interval		1.06	0.94	0.88	0.86	0.85	0.85	0.86	0.87	0.85		# of strides	3.98	2.59	2.58											
wind	-0.3 m/s	velocity	5.05	9.43	10.64	11.36	11.63	11.76	11.76	11.63	11.49	11.76	10.00	45.5	7.54	11.58	11.63											
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)														<i>Omega Timing (2021) - diamond league race analysis</i>														
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)														<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>														
date	28-Sep-19	time	1.91	2.97	3.91	4.80	5.66	6.52	7.37	8.23	9.11	10.03	10.03	7 / 6														
reaction time	0.119	interval		1.06	0.94	0.89	0.86	0.86	0.85	0.86	0.88	0.92		# of strides	3.91	2.61	2.59											
wind	0.6 m/s	velocity	5.24	9.43	10.64	11.24	11.63	11.63	11.76	11.63	11.36	10.87	9.97	45.0	7.67	11.49	11.58											
FINAL - 2019 Weltklasse (Zürich, SUI)														<i>Omega Timing (2019) - diamond league race analysis</i>														
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)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>														
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)														<i>Omega Timing (2024) - diamond league race analysis</i>														
date	07-Jul-24	time	1.95	3.04	4.03	4.98	5.91	6.84	7.77	8.72	9.67	10.62	10.62	3 / 3														
reaction time	0.143	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.95	0.95	0.95	PB	# of strides	4.03	2.81	2.83											
wind	-0.6 m/s	velocity	5.13	9.17	10.10	10.53	10.75	10.75	10.75	10.53	10.53	10.53	9.42	7.44	10.68	10.60												
Hyde, Nicklas (DEN) (1986)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 Windsprint (Sundsvall, SWE)														<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>														
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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
date	15-Aug-09	time		3.00	3.98	4.91		6.77		8.63		10.59	10.59	7 / 4														
reaction time	0.163	interval			0.98	0.93		1.86		1.86		1.96		# of strides	3.98	2.79												
wind	-0.2 m/s	velocity		6.67	10.20	10.75		10.75		10.75		10.20	9.44	7.54	10.75													
Ibrahim, Mahmoud Hafiz (KSA) (1993)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Doha Diamond League (Doha, QAT)														<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														
Idås, Anders Erlend (NOR) (1990)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2014 Windsprint (Sundsvall, SWE)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
date	20-Jul-14	time			4.08		6.91		8.80		10.72	10.72	10.72	2 / 5														
reaction time		interval					2.83		1.89		1.92			# of strides	4.08	2.83												
wind	0.3 m/s	velocity			7.35		10.60		10.58		10.42	9.33		7.35	10.60													
Idenfors, Daniel (SWE) (1988)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2007 Windsprint (Sundsvall, SWE)														<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	11.63	1 / 4														
reaction time		interval					3.05		2.08		2.17			# of strides	4.33	3.05												
wind	-0.8 m/s	velocity			6.93		9.84		9.62		9.22	8.60		6.93	9.84													
Idris, Muhd Noor Firdaus (BRU) (1996)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prelim 6 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympc 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	10.27											

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Iizuka, Shota (JPN) (1991)																		
FINAL - 2020 Japanese National Championships (Niigata, JPN)																		
date		02-Oct-20	time	1.89	2.97	3.94	4.87	5.77	6.67	7.56	8.47	9.39	10.33	10.33	9 / 4			
reaction time		0.139	interval	1.08	0.97	0.93	0.90	0.90	0.89	0.91	0.92	0.94		# of strides	3.94	2.73	2.72	
wind		-0.2 m/s	velocity	5.29	9.26	10.31	10.75	11.11	11.11	11.24	10.99	10.87	10.64	9.68	50.0	7.61	10.99	11.03
Race 2 - 2020 World Athletics Trials (Fuji, JPN)																		
date		06-Sep-20	time	1.88	2.96	3.93	4.85	5.75	6.63	7.52	8.41	9.32	10.25	10.25	/ 1			
reaction time			interval	1.08	0.97	0.92	0.90	0.88	0.89	0.89	0.91	0.93		# of strides	3.93	2.70	2.69	
wind		-0.9 m/s	velocity	5.32	9.26	10.31	10.87	11.11	11.36	11.24	11.24	10.99	10.75	9.76	50.6	7.63	11.11	11.15
FINAL - 2019 Japanese National Championships (Fukuoka, JPN)																		
date		28-Jun-19	time	1.91	2.97	3.93	4.84	5.73	6.61	7.50	8.39	9.31	10.24	10.24	9 / 4			
reaction time		0.154	interval	1.06	0.96	0.91	0.89	0.88	0.89	0.89	0.92	0.93		# of strides	3.93	2.68	2.70	
wind		-0.3 m/s	velocity	5.24	9.43	10.42	10.99	11.24	11.36	11.24	11.24	10.87	10.75	9.77	48.7	7.63	11.19	11.11
FINAL - 2018 Fuse Sprint (Tottori, JPN)																		
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	10.87	10.75	9.79	48.0	7.69	11.15	11.15	
FINAL - 2017 Fuse Sprint (Fuse, JPN)																		
date		04-Jun-17	time	1.88	2.95	3.90	4.80	5.69	6.57	7.44	8.31	9.19	10.08	10.08	/ 1			
reaction time			interval	1.07	0.95	0.90	0.89	0.88	0.87	0.87	0.88	0.89	PB	# of strides	3.90	2.67	2.62	
wind		1.9 m/s	velocity	5.32	9.35	10.53	11.11	11.24	11.36	11.49	11.49	11.36	11.24	9.92	48.0	7.69	11.24	11.45
Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN)																		
date		29-Apr-13	time	1.92	2.98	3.94	4.84	5.73	6.62	7.51	8.41	9.33	10.28	10.28	4 / 3			
reaction time			interval	1.06	0.96	0.90	0.89	0.89	0.89	0.90	0.92	0.95	PB	# of strides	3.94	2.68	2.71	
wind		0.9 m/s	velocity	5.21	9.43	10.42	11.11	11.24	11.24	11.24	11.11	10.87	10.53	9.73	47.2	7.61	11.19	11.07
FINAL - 2009 Japanese National High School Championships (Nara, JPN)																		
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		
Ikedo, Daisuke (JPN) (1986)																		
Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN)																		
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	10.00	10.10	9.71	8.98		7.18	10.17	10.10	
Ikedo, Seiryu (JPN) (2002)																		
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																		
date		05-Oct-19	time		4.04		5.95				10.73	10.73	4 / 1					
reaction time		0.145	interval			1.91				4.78			# of strides	4.04				
wind		-2.3 m/s	velocity		7.43		3.36			10.46		9.32		7.43				
Imori, Tadashi (JPN) (1977)																		
B Final - 2008 Osaka Grand Prix (Osaka, JPN)																		
date		10-May-08	time	1.93	2.99	3.97	4.91	5.84	6.78	7.73	8.70	9.68	10.69	10.69	/ 8			
reaction time			interval	1.06	0.98	0.94	0.93	0.94	0.95	0.97	0.98	1.01		# of strides	3.97	2.81	2.90	
wind		-1.4 m/s	velocity	5.18	9.43	10.20	10.64	10.75	10.64	10.53	10.31	10.20	9.90	9.35	7.56	10.68	10.34	
Imran, Muhammad (PAK) (1983)																		
FINAL - 2008 Asian Indoor Championships (Doha, QAT)																		
date		14-Feb-08	time	1.92	3.02	4.00	4.95	5.87	6.82			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			
Inoue, Mizuki (JPN) (2003)																		
Heat 3 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)																		
date		23-Aug-20	time	1.88	2.96	3.95	4.89	5.82	6.74	7.67	8.62	9.57	10.55	10.55	2 / 8			
reaction time		0.151	interval	1.08	0.99	0.94	0.93	0.92	0.93	0.95	0.95	0.98		# of strides	3.95	2.79	2.83	
wind		0.7 m/s	velocity	5.32	9.26	10.10	10.64	10.75	10.87	10.75	10.53	10.53	10.20	9.48	51.9	7.59	10.75	10.60
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																		
date		04-Oct-19	time		4.04		5.96				10.78	10.78	6 / 3					
reaction time		0.164	interval			1.92				4.82			# of strides	4.04				
wind		-2.3 m/s	velocity		7.43		3.36			10.37		9.28		7.43				
Inoue, Naoki (JPN) (2003)																		

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	3.00	3.98	4.91	5.83	6.75	7.66	8.58	9.51	10.45	10.45	3 / 2			
reaction time	0.160	interval		1.08	0.98	0.93	0.92	0.92	0.91	0.92	0.93	0.94	PB	# of strides	3.98	2.77	2.76
wind	1.8 m/s	velocity	5.21	9.26	10.20	10.75	10.87	10.87	10.99	10.87	10.75	10.64	9.57		7.54	10.83	10.87

Isa, Yoshinori (JPN) (1993)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)***Takefu (2023) - performance analysis of decathlon athletes in the 2022 season*

date	30-Apr-22	time	2.04	3.22	4.31	5.35	6.37	7.40	8.43	9.49	10.56	11.66	11.66	7 / 7			
reaction time	0.148	interval		1.18	1.09	1.04	1.02	1.03	1.03	1.06	1.07	1.10		# of strides	4.31	3.09	3.16
wind	-0.2 m/s	velocity	4.90	8.47	9.17	9.62	9.80	9.71	9.71	9.43	9.35	9.09	8.58		6.96	9.71	9.49

Ishihara, Hiroyuki (JPN) (1990)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)***Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-08	time	2.00	3.07	4.05	4.98	5.91	6.85	7.80	8.77	9.73	10.73	10.73	?????			
reaction time		interval		1.07	0.98	0.93	0.93	0.94	0.95	0.97	0.96	1.00		# of strides	4.05	2.80	2.88
wind	-0.1 m/s	velocity	10.00	9.35	10.20	10.75	10.75	10.64	10.53	10.31	10.42	10.00	9.32		7.41	10.71	10.42

Ishikura, Kazuki (JPN) (1980)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)***Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.91	3.00	4.01	4.96	5.91	6.85	7.80	8.76	9.75	10.78	10.78	/ 7			
reaction time		interval		1.09	1.01	0.95	0.95	0.94	0.95	0.96	0.99	1.03		# of strides	4.01	2.84	2.90
wind	0.8 m/s	velocity	5.24	9.17	9.90	10.53	10.53	10.64	10.53	10.42	10.10	9.71	9.28		7.48	10.56	10.34

FINAL - 2007 Mikio Oda Memorial (Hiroshima, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	29-Apr-07	time	1.94	3.00	3.98	4.93	5.85	6.76	7.66	8.58	9.53	10.50	10.50	/ 5			
reaction time		interval		1.06	0.98	0.95	0.92	0.91	0.90	0.92	0.95	0.97		# of strides	3.98	2.78	2.77
wind	2.2 m/s	velocity	5.15	9.43	10.20	10.53	10.87	10.99	11.11	10.87	10.53	10.31	9.52		7.54	10.79	10.83

Ishitsuka, Yusuke (JPN) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2014 Izumo Athletics Games (Izumo, JPN)***Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.97	3.06	4.05	4.98	5.91	6.83	7.75	8.68	9.62	10.58	10.58	5 / 3				
reaction time		interval		1.09	0.99	0.93	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.05	2.78	2.79	
wind	2.6 m/s	velocity	5.08	9.17	10.10	10.75	10.75	10.87	10.87	10.75	10.64	10.42	9.45		46.0	7.41	10.79	10.75

Island, Cameron (USA) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2005 USATF National Junior Championships (Carson, CA)***USATF Women's Sprint Development (2005)*

date	23-Jun-05	time		3.14	4.12	5.12	6.07	7.05	7.98	8.96	9.98	10.97	10.97	9 / 8			
reaction time		interval			0.98	1.00	0.95	0.98	0.93	0.98	1.02	0.99		# of strides	4.12	2.93	2.93
wind	-0.4 m/s	velocity		6.37	10.20	10.00	10.53	10.20	10.75	10.20	9.80	10.10	9.12		7.28	10.24	10.24

Iwamoto, Kazuaki (JPN) (1982)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)***Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Apr-08	time	1.93	3.01	3.98	4.91	5.82	6.71	7.61	8.53	9.45	10.39	10.39	/ 2			
reaction time		interval		1.08	0.97	0.93	0.91	0.89	0.90	0.92	0.92	0.94		# of strides	3.98	2.73	2.74
wind	2.4 m/s	velocity	5.18	9.26	10.31	10.75	10.99	11.24	11.11	10.87	10.87	10.64	9.62		7.54	10.99	10.95

Iwamoto, Kosuke (JPN) (2002)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)***Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.12		6.10				11.01	11.01		3 / 8			
reaction time	0.154	interval				1.98					4.91			# of strides	4.12		
wind	-2.3 m/s	velocity			7.28	3.28					10.18	9.08			7.28		

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

date	05-Aug-19	time	1.94	3.02	3.98	4.90	5.80	6.70	7.60	8.51	9.45	10.43	10.43	8 / 3				
reaction time		interval		1.08	0.96	0.92	0.90	0.90	0.90	0.91	0.94	0.98		# of strides	3.98	2.72	2.75	
wind	2.9 m/s	velocity	5.15	9.26	10.42	10.87	11.11	11.11	11.11	10.99	10.64	10.20	9.59		48.0	7.54	11.03	10.91

Iwasaki, Kotaro (JPN) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2019 National Sports Festival (Hitachinaka, JPN)***Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time			3.91		5.75				10.53	10.53		9 / 5			
reaction time	0.147	interval				1.84					4.78			# of strides	3.91		
wind	-0.1 m/s	velocity			7.67	3.48					10.46	9.50			49.2	7.67	

Izawa, Makoto (JPN) (2002)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)***Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	23-Aug-20	time	1.87	2.93	3.90	4.82	5.73	6.64	7.55	8.48	9.44	10.42	10.42	2 / 4				
reaction time	0.107	interval		1.06	0.97	0.92	0.91	0.91	0.91	0.93	0.96	0.98	PB	# of strides	3.90	2.74	2.80	
wind	-0.3 m/s	velocity	5.35	9.43	10.31	10.87	10.99	10.99	10.99	10.75	10.42	10.20	9.60		50.0	7.69	10.95	10.71

Jackson, Tim (AUS) (1969)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1994 (Tønsberg, NOR)***(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	20-Jul-94	time			3.99		6.64			8.40		10.24	10.24	/ 3
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reaction time	interval				2.65	1.76	1.84	PB	# of strides	3.99	2.65
wind	1.8 m/s	velocity	7.52	11.32	11.36	10.87	9.77			7.52	11.32

Jacobs, Lamont Marcell (ITA) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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		5 / 9			
reaction time	0.128	interval	1.07	0.94	0.89	0.88	0.86	0.87	0.88	0.91	1.01		# of strides	3.90	2.63	2.66	
wind	0.3 m/s	velocity	5.29	9.35	10.64	11.24	11.36	11.63	11.49	11.36	10.99	9.90	9.80	44.0	7.69	11.41	11.28

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)

<i>Omega Timing (2024) - diamond league race analysis</i>																	
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		6 / 4			
reaction time	0.145	interval	1.04	0.94	0.88	0.86	0.85	0.85	0.84	0.87	0.88		# of strides	3.90	2.59	2.56	
wind	1.9 m/s	velocity	5.21	9.62	10.64	11.36	11.63	11.76	11.76	11.90	11.49	11.36	10.07		7.69	11.58	11.72

FINAL - 2024 Olympic Games (Paris, FRA)

<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
date	04-Aug-24	time	1.87	2.92	3.85	4.74	5.60	6.44	7.28	8.13	8.98	9.85	9.85		9 / 5			
reaction time	0.114	interval	1.05	0.93	0.89	0.86	0.84	0.84	0.85	0.85	0.87		# of strides	3.85	2.59	2.54		
wind	1.0 m/s	velocity	5.35	9.52	10.75	11.24	11.63	11.90	11.90	11.76	11.76	11.49	10.15		45.0	7.79	11.58	11.81

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

<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
date	04-Aug-24	time	1.89	2.95	3.89	4.77	5.64	6.49	7.35	8.21	9.06	9.92	9.92		8 / 3			
reaction time	0.135	interval	1.06	0.94	0.88	0.87	0.85	0.86	0.86	0.85	0.86		# of strides	3.89	2.60	2.57		
wind	0.0 m/s	velocity	5.29	9.43	10.64	11.36	11.49	11.76	11.63	11.63	11.76	11.63	10.08		45.0	7.71	11.54	11.67

Heat 5 - 2024 Olympic Games (Paris, FRA)

<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
date	03-Aug-24	time	1.90	2.96	3.90	4.81	5.68	6.53	7.41	8.28	9.15	10.05	10.05		4 / 2			
reaction time	0.142	interval	1.06	0.94	0.91	0.87	0.85	0.88	0.87	0.87	0.90		# of strides	3.90	2.63	2.62		
wind	-0.3 m/s	velocity	5.26	9.43	10.64	10.99	11.49	11.76	11.36	11.49	11.49	11.11	9.95		45.0	7.69	11.41	11.45

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)

<i>Omega Timing (2023) - diamond league race analysis</i>																		
date	02-Sep-23	time	1.89	2.95	3.89	4.79	5.66	6.52	7.38	8.26	9.14	10.05	10.05		6 / 7			
reaction time	0.131	interval	1.06	0.94	0.90	0.87	0.86	0.86	0.88	0.88	0.91		# of strides	3.89	2.63	2.62		
wind	0.4 m/s	velocity	5.29	9.43	10.64	11.11	11.49	11.63	11.63	11.36	11.36	10.99	9.95		44.0	7.71	11.41	11.45

FINAL - 2023 Meeting de Paris (Paris, FRA)

<i>Omega Timing (2023) - diamond league race analysis</i>																		
date	09-Jun-23	time	1.87	2.92	3.87	4.77	5.66	6.55	7.43	8.33	9.25	10.21	10.21		5 / 7			
reaction time	0.140	interval	1.05	0.95	0.90	0.89	0.89	0.88	0.90	0.92	0.96		# of strides	3.87	2.68	2.70		
wind	-0.9 m/s	velocity	5.35	9.52	10.53	11.11	11.24	11.24	11.36	11.11	10.87	10.42	9.79		45.0	7.75	11.19	11.11

FINAL - 2020 Olympic Games (Tokyo, JPN)

<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>																	
date	01-Aug-21	time			3.67		6.31		7.92		9.80	9.80	9.80		3 / 1		
reaction time	0.161	interval					2.64		3.49		1.88	AR		# of strides	3.67	2.64	
wind	0.1 m/s	velocity			8.17		11.36		5.73		10.64	10.20			45.0	8.17	11.36

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

<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>																	
date	01-Aug-21	time			3.84		6.40		8.08		9.84	9.84	9.84		5 / 3		
reaction time	0.179	interval					2.56		3.44		1.76	AR		# of strides	3.84	2.56	
wind	0.9 m/s	velocity			7.81		11.72		5.81		11.36	10.16			45.0	7.81	11.72

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

<i>Omega Timing (2021) - diamond league race analysis</i>																
date	09-Jul-21	time		3.0		4.8		6.6		8.3		9.99	9.99		7 / 3	
reaction time	0.204	interval			1.80		1.80		1.70		1.69			# of strides		
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.76		11.83	10.01		45.7	

FINAL - 2021 Bauhaus Galan (Stockholm, SWE)

<i>Omega Timing (2021) - diamond league race analysis</i>																
date	04-Jul-21	time		3.0		4.8		6.5		8.3		10.05	10.05		3 / 2	
reaction time	0.138	interval			1.80		1.70		1.80		1.75			# of strides		
wind	-0.8 m/s	velocity		6.67		11.11		11.76		11.11		11.43	9.95		46.0	

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

<i>Omega Timing (2020) - diamond league race analysis</i>																
date	17-Sep-20	time		3.0		4.8		6.6		8.4		10.11	10.11		4 / 4	
reaction time	0.134	interval			1.80		1.80		1.80		1.71			# of strides		
wind	0.3 m/s	velocity		6.67		11.11		11.11		11.11		11.70	5.93		45.0	

Jarošek, Michal (CZE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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
Semi-Final 2 - 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	4.85	5.72	6.64	7.50	8.36	9.29	10.24	10.24	6 / 7			
reaction time		interval		1.03	0.94	0.93	0.87	0.92	0.86	0.86	0.93	0.95		# of strides	3.92	2.72	2.65
wind	0.5 m/s	velocity	5.13	9.71	10.64	10.75	11.49	10.87	11.63	11.63	10.75	10.53	9.77	45.0	7.65	11.03	11.32
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														<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	PB	# of strides	3.86	2.61	2.57
wind	1.6 m/s	velocity	5.46	9.35	10.42	11.36	11.24	11.90	11.36	11.90	11.76	10.53	10.01	45.7	7.77	11.49	11.67
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)														<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
FINAL - 2005 USATF National Championships (Carson, CA)														<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
Johansson, Fredrik (SWE) (1986)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2010 Windsprint (Sundsvall, SWE)														<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	08-Aug-10	time			4.16			6.95		8.79		10.68	10.68	/ 2			
reaction time		interval						2.79		1.84		1.89		# of strides	4.16	2.79	
wind	1.8 m/s	velocity			7.21			10.75		10.87		10.58	9.36		7.21	10.75	
B FINAL - 2009 Windsprint (Sundsvall, SWE)														<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	25-Jul-09	time			4.21			7.05		8.94		10.88	10.88	/ 4			
reaction time		interval						2.84		1.89		1.94		# of strides	4.21	2.84	
wind	1.1 m/s	velocity			7.13			10.56		10.58		10.31	9.19		7.13	10.56	
Johansson, Oscar (SWE) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>			
date	28-Jul-13	time			4.20			7.15		9.12		11.16	11.16	2 / 8			
reaction time		interval						2.95		1.97		2.04		# of strides	4.20	2.95	
wind	2.8 m/s	velocity			7.14			10.17		10.15		9.80	8.96		7.14	10.17	
E FINAL - 2012 Windsprint (Sundsvall, SWE)														<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>			
date	17-Jun-12	time			4.43			8.79					dnf	/ --			
reaction time		interval						4.36						# of strides	4.43	4.36	
wind	1.4 m/s	velocity			6.77			6.88							6.77	6.88	
E FINAL - 2011 Windsprint (Sundsvall, SWE)														<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	31-Jul-11	time			4.18			7.09		9.03		11.03	11.03	8 / 2			
reaction time		interval						2.91		1.94		2.00		# of strides	4.18	2.91	
wind	1.8 m/s	velocity			7.18			10.31		10.31		10.00	9.07		7.18	10.31	
Johnsen, Daniel (NOR) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	01-Jul-21	time		3.1		5.1		7.0		8.9		10.95	10.95	3 / 6			
reaction time	0.108	interval				2.00		1.90		1.90		2.05		# of strides			
wind	0.2 m/s	velocity		6.45		10.00		10.53		10.53		9.76	9.13				
Johnsen, Henrik (NOR) (1986)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2014 Windsprint (Sundsvall, SWE)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
date	20-Jul-14	time			4.14			7.05		8.98		10.96	10.96	2 / 5			
reaction time		interval						2.91		1.93		1.98		# of strides	4.14	2.91	
wind	2.1 m/s	velocity			7.25			10.31		10.36		10.10	9.12		7.25	10.31	
D FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>			
date	28-Jul-13	time			4.07			6.91		8.82		10.80	10.80	1 / 2			
reaction time		interval						2.84		1.91		1.98		# of strides	4.07	2.84	
wind	1.7 m/s	velocity			7.37			10.56		10.47		10.10	9.26		7.37	10.56	
Johnson, Ben (CAN) (1961)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1988 Olympic Games (Seoul, KOR)														<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>			
date	24-Sep-88	time	1.83	2.87	3.80	4.66	5.50	6.33	7.17	8.02	8.89	9.79	9.79	6 / 4			
reaction time	0.132	interval		1.04	0.93	0.86	0.84	0.83	0.84	0.85	0.87	0.90	WR-DV	# of strides	3.80	2.53	2.56
wind	1.1 m/s	velocity	5.46	9.62	10.75	11.63	11.90	12.05	11.90	11.76	11.49	11.11	10.21	46.6	7.89	11.86	11.72
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)														<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	3.82	4.70	5.58	6.44	7.32	8.20	9.10	10.03	10.03	6 / 4			
reaction time		interval		1.03	0.90	0.88	0.88	0.86	0.88	0.88	0.90	0.93	DV	# of strides	3.82	2.62	2.66

wind	-1.2 m/s	velocity	5.29	9.71	11.11	11.36	11.36	11.63	11.36	11.36	11.11	10.75	9.97		7.85	11.45	11.28
FINAL - 1987 IAAF World Championships (Rome, ITA)			<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 / 4			
reaction time	0.109	interval	1.02	0.94	0.87	0.86	0.85	0.85	0.87	0.86	0.87	WR DV	# of strides	3.80	2.58	2.58	
wind	1.0 m/s	velocity	5.43	9.80	10.64	11.49	11.63	11.76	11.76	11.49	11.63	11.49	10.17	46.2	7.89	11.63	11.63
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)			<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 / 4			
reaction time		interval	1.04	0.95	0.92	0.89	0.87	0.87	0.88	0.89	1.00	DV	# of strides	3.83	2.68	2.64	
wind	-0.3 m/s	velocity	5.43	9.62	10.53	10.87	11.24	11.49	11.49	11.36	11.24	10.00	9.85	45.5	7.83	11.19	11.36
Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA)			<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 / 2			
reaction time		interval	1.00	0.94	0.90	0.88	0.88	0.87	0.90	0.91	0.98	DV	# of strides	3.82	2.66	2.68	
wind	-0.4 m/s	velocity	5.32	10.00	10.64	11.11	11.36	11.36	11.49	11.11	10.99	10.20	9.86	44.5	7.85	11.28	11.19
Heat 5 - 1987 IAAF World Championships (Rome, ITA)			<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 / 4			
reaction time		interval	1.02	0.94	0.91	0.89	0.88	0.89	0.90	0.92	0.98	DV	# of strides	3.87	2.68	2.71	
wind	0.6 m/s	velocity	5.24	9.80	10.64	10.99	11.24	11.36	11.24	11.11	10.87	10.20	9.77	45.5	7.75	11.19	11.07
FINAL - 1986 Goodwill Games (Moscow, URS)			<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					/ 4			
reaction time		interval				2.61		3.48	DV				# of strides	3.86	2.61		
wind	0.8 m/s	velocity		7.77		11.49		11.49	10.05				46.5	7.77	11.49		
Johnson, Chris (USA) (1982)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Windsprint (Sundsvall, SWE)			<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	10.55	4 / 5			
reaction time		interval				2.78		1.84		1.94			# of strides	3.99	2.78		
wind	1.6 m/s	velocity		7.52		10.79		10.87		10.31		9.48	46.2	7.52	10.79		
FINAL - 2007 Windsprint (Sundsvall, SWE)			<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	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	46.2	7.44	11.03		
Johnson, Joshua J. (USA) (1976)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Championships (Palo Alto, CA)			<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 / 5 4			
reaction time		interval		1.07	0.97	0.91	0.87	0.87	0.86	0.88	0.88	0.88		# of strides	4.09	2.65	2.62
wind	1.6 m/s	velocity	4.88	9.35	10.31	10.99	11.49	11.49	11.63	11.36	11.36	11.36	9.77	46.2	7.33	11.32	11.45
Jonáš, Tomáš (CZE) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)			<i>Feher (2013) - Final report from the men's & 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	0.136	interval				2.01		1.94		1.97		2.07		# of strides			
wind	-1.2 m/s	velocity		6.41		9.95		10.31		10.15		9.66	9.00				
Jones, Garry (USA) (1984)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)			<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	46.2	7.41	10.87	10.64
Jones, Terrence (BAH) (2002)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)			<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
date	03-Aug-24	time	1.93	2.98	3.90	4.82	5.71	6.60	7.52	8.43	9.36	10.31	10.31	7 / 6			
reaction time	0.164	interval		1.05	0.92	0.92	0.89	0.89	0.92	0.91	0.93	0.95		# of strides	3.90	2.70	2.76
wind	0.0 m/s	velocity	5.18	9.52	10.87	10.87	11.24	11.24	10.87	10.99	10.75	10.53	9.70	44.0	7.69	11.11	10.87
Jones, Thomas (SWE) (2001)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)			<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	46.2	7.44	10.60	10.38
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)			<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	PB	# of strides			
wind	0.5 m/s	velocity		6.67		10.53		10.53		11.11		10.75	9.56	48.5			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jonasson, Erik (SWE) (1991)																
E FINAL - 2007 Windsprint (Sundsvall, SWE)																
date	24-Jul-07	time		4.51		7.75		9.94		12.21		12.21	/ 5			
reaction time		interval				3.24		2.19		2.27			# of strides	4.51	3.24	
wind	0.2 m/s	velocity		6.65		9.26		9.13		8.81		8.19		6.65	9.26	
Jónsson, Óttar (NOR) (1983)																
G FINAL - 2013 Windsprint (Sundsvall, SWE)																
date	28-Jul-13	time		4.25		7.21		9.18		11.22		11.22	6 / 2			
reaction time		interval				2.96		1.97		2.04			# of strides	4.25	2.96	
wind	1.9 m/s	velocity		7.06		10.14		10.15		9.80		8.91		7.06	10.14	
Jonsson, Per (SWE) (1988)																
C FINAL - 2016 Windsprint (Sundsvall, SWE)																
date	31-Jul-16	time		4.45		7.58				11.88		11.88	2 / 4			
reaction time		interval				3.13				4.30			# of strides	4.45	3.13	
wind	0.5 m/s	velocity		6.74		9.58				9.30		8.42		6.74	9.58	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)																
date	31-Jul-16	time		4.43		7.53				11.80		11.80	1 / 6			
reaction time		interval				3.10				4.27			# of strides	4.43	3.10	
wind	1.5 m/s	velocity		6.77		9.68				9.37		8.47		6.77	9.68	
G FINAL - 2014 Windsprint (Sundsvall, SWE)																
date	20-Jul-14	time		4.37		7.44		9.51		11.63		11.63	6 / 2			
reaction time		interval				3.07		2.07		2.12			# of strides	4.37	3.07	
wind	1.6 m/s	velocity		6.86		9.77		9.66		9.43		8.60		6.86	9.77	
G FINAL - 2013 Windsprint (Sundsvall, SWE)																
date	28-Jul-13	time		4.43		7.50		9.57		11.73		11.73	8 / 6			
reaction time		interval				3.07		2.07		2.16			# of strides	4.43	3.07	
wind	1.9 m/s	velocity		6.77		9.77		9.66		9.26		8.53		6.77	9.77	
E FINAL - 2012 Windsprint (Sundsvall, SWE)																
date	17-Jun-12	time		4.44		7.52		9.58		11.71		11.71	/ 4			
reaction time		interval				3.08		2.06		2.13			# of strides	4.44	3.08	
wind	1.4 m/s	velocity		6.76		9.74		9.71		9.39		8.54		6.76	9.74	
F FINAL - 2011 Windsprint (Sundsvall, SWE)																
date	31-Jul-11	time		4.38		7.43		9.46		11.57		11.57	8 / 7			
reaction time		interval				3.05		2.03		2.11			# of strides	4.38	3.05	
wind	1.6 m/s	velocity		6.85		9.84		9.85		9.48		8.64		6.85	9.84	
E FINAL - 2010 Windsprint (Sundsvall, SWE)																
date	08-Aug-10	time		4.38		7.50		9.57		11.70		11.70	/ 2			
reaction time		interval				3.12		2.07		2.13			# of strides	4.38	3.12	
wind	1.6 m/s	velocity		6.85		9.62		9.66		9.39		8.55		6.85	9.62	
Jonsson, Tobias (SWE) (1996)																
C FINAL - 2016 Windsprint (Sundsvall, SWE)																
date	31-Jul-16	time		4.34		7.38				11.58		11.58	5 / 3			
reaction time		interval				3.04				4.20			# of strides	4.34	3.04	
wind	0.5 m/s	velocity		6.91		9.87				9.52		8.64		6.91	9.87	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)																
date	31-Jul-16	time		4.35		7.38				11.57		11.57	2 / 4			
reaction time		interval				3.03				4.19			# of strides	4.35	3.03	
wind	1.5 m/s	velocity		6.90		9.90				9.55		8.64		6.90	9.90	
Juusela, Lasse (FIN) (1972)																
FINAL - 1994 (Tønsberg, NOR)																
date	20-Jul-94	time		4.00		6.81		8.72		10.65		10.65	/ 4			
reaction time		interval				2.81		1.91		1.93			# of strides	4.00	2.81	
wind	1.8 m/s	velocity		7.50		10.68		10.47		10.36		9.39		7.50	10.68	
Kadlec, Marcel (CZE) (1994)																
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)																
date	15-Jun-13	time		3.05		4.95		6.78		10.58		10.58	5 / 2			
reaction time	0.173	interval				1.90		1.83		1.87		1.93	# of strides			
wind	1.4 m/s	velocity		6.56		10.53		10.93		10.70		10.36		9.45		

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

date	25-Feb-12	time	1.96	3.08	4.08	5.03	5.97	6.93											
reaction time	0.162	interval		1.12	1.00	0.95	0.94	0.96											
		velocity	5.10	8.93	10.00	10.53	10.64	10.42											

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

6.93	2 / 7																		
	# of strides	4.08	2.85																
8.66		7.35	10.53																

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

date	25-Feb-12	time	1.95	3.06	4.06	5.00	5.96	6.92											
reaction time	0.154	interval		1.11	1.00	0.94	0.96	0.96											
		velocity	5.13	9.01	10.00	10.64	10.42	10.42											

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

6.92	6 / 4																		
	# of strides	4.06	2.86																
8.67		7.39	10.49																

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)

date	25-Feb-12	time	1.98	3.09	4.10	5.06	6.00	6.97											
reaction time	0.172	interval		1.11	1.01	0.96	0.94	0.97											
		velocity	5.05	9.01	9.90	10.42	10.64	10.31											

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

6.97	3 / 3																		
	# of strides	4.10	2.87																
8.61		7.32	10.45																

Kakiouea, Winzar (NRU) (2001)**Prelim 5 - 2024 Olympic Games (Paris, FRA)**

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						
reaction time	0.165	interval		1.10	1.03	0.99	0.97	0.97	0.98	1.00	1.03	1.05							
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						

Paris 2024 Olympic Games - Results Book (2024)

6 / 5																			
	# of strides	4.16	2.93	3.01															
50.5		7.21	10.24	9.97															

Kallur, Martin (SWE) (1991)**E FINAL - 2011 Windsprint (Sundsvall, SWE)**

date	31-Jul-11	time		4.24			7.21		9.21		11.30	11.30							
reaction time		interval					2.97		2.00		2.09								
wind	1.8 m/s	velocity		7.08			10.10		10.00		9.57	8.85							

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

4 / 6																			
	# of strides	4.24	2.97																
7.08		10.10																	

Kanamori, Kazuki (JPN) (1994)**FINAL - 2012 Japanese National High School Championships (Niigata, JPN)**

date	30-Jul-12	time			5.93	6.84	7.76	8.71	9.66	10.63	10.63								
reaction time		interval				0.91	0.92	0.95	0.95	0.97									
wind	0.0 m/s	velocity			8.43	10.99	10.87	10.53	10.53	10.31	9.41								

Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics

3 / 5																			
	# of strides																		2.82
																			10.64

FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)

date	04-Aug-11	time			5.98	6.91	7.85	8.80	9.77	10.74	10.74								
reaction time		interval				0.93	0.94	0.95	0.97	0.97									
wind	-0.5 m/s	velocity			8.36	10.75	10.64	10.53	10.31	10.31	9.31								

Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics

8 / 6																			
	# of strides																		2.86
																			10.49

Kaniwete, Kenaz (KIR) (2008)**Prelim 2 - 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	PB						
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						

Paris 2024 Olympic Games - Results Book (2024)

7 / 5																			
	# of strides	4.23	2.94	3.06															
49.0		7.09	10.20	9.80															

Kanno, Ryohei (JPN)**FINAL - 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							
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						

Takashima (2023) - national high school sports festival - biomechanics data

7 / 3																			
	# of strides	4.07	2.89	2.95															
		7.37	10.38	10.17															

Kanno, Yuta (JPN) (1980)**B FINAL - 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							
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						

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

1 / 4																			
	# of strides	3.98	2.80	2.83															
		7.54	10.71	10.60															

Kapstad, Linus (SWE) (2000)**B FINAL - 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								
wind	1.5 m/s	velocity		7.19		10.36	10.75		10.47		10.20	9.17							

(2017) - www.windsprint/Splittider/

3 / 4																			
	# of strides	4.17	2.86																
		7.19	10.49																

A FINAL - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time		4.15			7.00				10.93	10.93							
reaction time		interval					2.85				3.93	PB							
wind	1.4 m/s	velocity		7.23			10.53				10.18	9.15							

(2016) - www.windsprint/Splittider/

2 / 5																			
	# of strides	4.15	2.85																
		7.23	10.53																

Heat

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Karlsson, Alexander (NOR) (1988)																	
D FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time	4.13			6.96		8.84		10.76	10.76	5 / 1					
reaction time		interval				2.83		1.88		1.92	PB	# of strides	4.13	2.83			
wind	1.7 m/s	velocity	7.26			10.60		10.64		10.42	9.29		7.26	10.60			
B FINAL - 2012 Windsprint (Sundsvall, SWE)																	
date	17-Jun-12	time	4.18			7.04		8.93		10.91	10.91	/ 5					
reaction time		interval				2.86		1.89		1.98		# of strides	4.18	2.86			
wind	1.0 m/s	velocity	7.18			10.49		10.58		10.10	9.17		7.18	10.49			
C FINAL - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time	4.09			6.93		8.81		10.76	10.76	4 / 3					
reaction time		interval				2.84		1.88		1.95		# of strides	4.09	2.84			
wind	2.8 m/s	velocity	7.33			10.56		10.64		10.26	9.29		7.33	10.56			
Karlsson, Erik (SWE) (1987)																	
B FINAL - 2009 Windsprint (Sundsvall, SWE)																	
date	25-Jul-09	time	4.13			7.01		8.91		10.89	10.89	/ 5					
reaction time		interval				2.88		1.90		1.98		# of strides	4.13	2.88			
wind	1.1 m/s	velocity	7.26			10.42		10.53		10.10	9.18		7.26	10.42			
B FINAL - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time	4.15			7.01		8.96		10.98	10.98	/ 3					
reaction time		interval				2.86		1.95		2.02		# of strides	4.15	2.86			
wind	1.1 m/s	velocity	7.23			10.49		10.26		9.90	9.11		7.23	10.49			
Karlsson, Peter (SWE) (1970)																	
FINAL - 1994 (Tønsberg, NOR)																	
date	20-Jul-94	time	3.96			6.64		8.40		10.25	10.25	/ 4					
reaction time		interval				2.68		1.76		1.85		# of strides	3.96	2.68			
wind	1.8 m/s	velocity	7.58			11.19		11.36		10.81	9.76		7.58	11.19			
Karpov, Dmitriy (KAZ) (1981)																	
Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)																	
date	19-Aug-09	time	3.19		5.18	7.12		9.03		11.02	11.02	6 / 2					
reaction time	0.158	interval			1.99	1.94		1.91		1.99		# of strides					
wind	0.3 m/s	velocity	6.27		10.05	10.31		10.47		10.05	9.07						
Kashafali, Salum Ageze (NOR) (1993)																	
National FINAL - 2021 Bislett Games (Oslo, NOR)																	
date	01-Jul-21	time	3.0		5.0	6.8		8.7		10.58	10.58	5 / 1					
reaction time	0.132	interval			2.00	1.80		1.90		1.88		# of strides					
wind	0.2 m/s	velocity	6.67		10.00	11.11		10.53		10.64	9.45						
Kåstad, Martin (NOR) (1990)																	
D FINAL - 2015 Windsprint (Sundsvall, SWE)																	
date	26-Jul-15	time				7.33		9.33		11.31	11.31	8 / 6					
reaction time		interval						2.00		1.98		# of strides					
wind	0.9 m/s	velocity				8.19		10.00		10.10	8.84						
D FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time	4.17			7.05		8.95		10.89	10.89	4 / 4					
reaction time		interval				2.88		1.90		1.94		# of strides	4.17	2.88			
wind	1.7 m/s	velocity	7.19			10.42		10.53		10.31	9.18		7.19	10.42			
Kasyanov, Oleksiy (UKR) (1985)																	
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)																	
date	19-Aug-09	time	3.08		5.01	6.89		8.73		10.63	10.63	6 / 4					
reaction time	0.162	interval			1.93	1.88		1.84		1.90		# of strides					
wind	0.2 m/s	velocity	6.49		10.36	10.64		10.87		10.53	9.41						
Katayama, Kazuya (JPN) (1995)																	
Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championships (Akita, JPN)																	
date	10-Jun-23	time	1.97	3.08	4.10	5.09	6.06	7.04	8.03	9.04	10.08	11.15	11.15	8 / 7			
reaction time		interval		1.11	1.02	0.99	0.97	0.98	0.99	1.01	1.04	1.07		# of strides	4.10	2.94	3.04
wind	0.1 m/s	velocity	5.08	9.01	9.80	10.10	10.31	10.20	10.10	9.90	9.62	9.35	8.97		7.32	10.20	9.87
Decathlon - Heat 1 - 2023 Michitaka Kinami Memorial (Osaka, JPN)																	
date	06-May-23	time	1.95	3.09	4.12	5.12	6.10	7.09	8.09	9.11	10.15	11.23	11.23	5 / 4			
reaction time	0.152	interval		1.14	1.03	1.00	0.98	0.99	1.00	1.02	1.04	1.08		# of strides	4.12	2.97	3.06
wind	-1.1 m/s	velocity	5.13	8.77	9.71	10.00	10.20	10.10	10.00	9.80	9.62	9.26	8.90		7.28	10.10	9.80

Kato, Kodai (JPN) (1986)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN)		<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>																
date	27-Jun-09	time		4.02		6.77					10.46	10.46	4 / 5					
reaction time		interval				2.75					3.69		# of strides	4.02	2.75			
wind	1.0 m/s	velocity		7.46		10.91					10.84	9.56	46.1	7.46	10.91			
Kato, Shinnosuke (JPN) (2002)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)		<i>Kobayashi (2020) - national high school and U20 national championships</i>																
date	24-Oct-20	time	1.98	3.08	4.07	5.02	5.95	6.87	7.79	8.72	9.66	10.62	10.62	1 / 5				
reaction time	0.173	interval		1.10	0.99	0.95	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.07	2.80	2.79	
wind	0.6 m/s	velocity	5.05	9.09	10.10	10.53	10.75	10.87	10.87	10.75	10.64	10.42	9.42	49.2	7.37	10.71	10.75	
Heat 1 - 2020 Japanese High School National Championships (Hiroshima, JPN)		<i>Kobayashi (2020) - national high school and U20 national championships</i>																
date	24-Oct-20	time	1.96	3.05	4.04	4.98	5.90	6.82	7.73	8.65	9.59	10.54	10.54	3 / 2				
reaction time	0.175	interval		1.09	0.99	0.94	0.92	0.92	0.91	0.92	0.94	0.95		# of strides	4.04	2.78	2.77	
wind	2.0 m/s	velocity	5.10	9.17	10.10	10.64	10.87	10.87	10.99	10.87	10.64	10.53	9.49	49.2	7.43	10.79	10.83	
Katsuse, Kendai (JPN) (1997)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)		<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>																
date	30-Jul-15	time		3.92	4.87	5.81	6.71	7.62	8.55	9.50	10.48	10.48	/ 3					
reaction time		interval			0.95	0.94	0.90	0.91	0.93	0.95	0.98	PB		# of strides	3.92	2.79	2.79	
wind	-0.8 m/s	velocity		7.65	10.53	10.64	11.11	10.99	10.75	10.53	10.20	9.54		7.65	10.75	10.75		
Kaul, Niklas (GER) (1998)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
date	02-Aug-24	time	2.15	3.33	4.39	5.39	6.38	7.36	8.37	9.34	10.35	11.34	11.34	5 / 7				
reaction time	0.162	interval		1.18	1.06	1.00	0.99	0.98	1.01	0.97	1.01	0.99		# of strides	4.39	2.97	2.99	
wind	0.9 m/s	velocity	4.65	8.47	9.43	10.00	10.10	10.20	9.90	10.31	9.90	10.10	8.82	44.2	6.83	10.10	10.03	
Kawai, Genki (JPN) (1989)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2007 Japanese National High School Championships (Saga, JPN)		<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	
Kawakami, Takuya (JPN) (1995)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)		<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			
A FINAL - 2019 Japanese World Championships Trials (Fujiyoshida, JPN)		<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	PB		# of strides	3.83	2.70	2.74
wind	1.0 m/s	velocity	5.46	9.52	10.53	10.99	11.24	11.11	11.24	10.87	10.75	10.53	9.78	51.2	7.83	11.11	10.95	
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)		<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	
FINAL - 2017 Japanese National Championships (Osaka, JPN)		<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	/ 5				
reaction time	0.146	interval		1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97		# of strides	3.91	2.73	2.77	
wind	0.5 m/s	velocity	5.32	9.35	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.63	48.6	7.67	10.99	10.83	
FINAL - 2013 Japanese National High School Championships (Oita, JPN)		<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	/ 6				
reaction time		interval		1.08	0.98	0.94	0.93	0.92	0.93	0.95	0.95	1.00		# of strides	4.03	2.79	2.83	
wind	0.1 m/s	velocity	5.08	9.26	10.20	10.64	10.75	10.87	10.75	10.53	10.53	10.00	9.39		7.44	10.75	10.60	
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)		<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		
Kawata, Kosuke (JPN) (2003)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 2 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)		<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	

Kawatsura, Sota (JPN) (1989)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & 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
Heat 4 - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & 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
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)												<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 FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>					
date	29-Apr-14	time	1.92	2.99	3.95	4.86	5.77	6.67	7.57	8.49	9.41	10.36	10.36	3 / 1			
reaction time		interval		1.07	0.96	0.91	0.91	0.90	0.90	0.92	0.92	0.95		# of strides	3.95	2.72	2.74
wind	1.8 m/s	velocity	5.21	9.35	10.42	10.99	10.99	11.11	11.11	10.87	10.87	10.53	9.65	49.9	7.59	11.03	10.95
Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<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
Heat 1 - 2013 Japanese National Championships (Chofu, JPN)												<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
Keller, Martin (GER) (1986)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)												<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		
Heat 7 - 2009 IAAF World Championships (Berlin, GER)												<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 FINAL - 2009 ISTAF (Berlin, GER)												<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		
Kedéris, Konstadínos (GRE) (1973)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2001 European Cup (Bremen, GER)												<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	PB	# of strides	3.95	2.68	
wind	1.4 m/s	velocity		6.60	10.87	10.64		11.49		11.43		11.30	9.85	7.59	11.19		
Keletela, Dorian Rostan (ART) (1999)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 8 - 2024 Olympic Games (Paris, FRA)												<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 / 8 7			
reaction time	0.152	interval		1.08	0.97	0.93	0.93	0.91	0.93	0.94	0.96	1.02		# of strides	3.96	2.77	2.83
wind	0.2 m/s	velocity	5.24	9.26	10.31	10.75	10.75	10.99	10.75	10.64	10.42	9.80	9.45	47.0	7.58	10.83	10.60
Kemp, Demek (USA) (1996)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Millrose Games (New York, NY)												<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	
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)												<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				PB		# of strides	3.95	2.55	
		velocity	4.88	10.10	10.99	11.11	11.24	13.16				9.23		30.7	7.59	11.76	
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)												<i>European Athletics (2019) - race analysis</i>					

reaction time	0.137	interval		1.85	1.75	1.74	1.74										# of strides	
wind	-0.2 m/s	velocity	6.90	10.81	11.43	11.49	11.49	10.02										43.5
FINAL - 2021 Weltklasse (Zürich, SUI)																		
date	09-Sep-21	time	2.9	4.8	6.5	8.2	9.87	9.87										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.134	interval		1.90	1.70	1.70	1.67											5 / 1
wind	-0.4 m/s	velocity	6.90	10.53	11.76	11.76	11.98	10.13										# of strides
																		44.0
FINAL - 2021 Memorial van Damme (Brussels, BEL)																		
date	03-Sep-21	time	3.0	4.8	6.5	8.3	9.94	9.94										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.149	interval		1.80	1.70	1.80	1.64											5 / 1
wind	0.1 m/s	velocity	6.67	11.11	11.76	11.11	12.20	10.06										# of strides
																		44.3
FINAL - 2021 Prefontaine Classic (Eugene, OR)																		
date	21-Aug-21	time	3.0	4.8	6.5	8.1	9.78	9.78										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.137	interval		1.80	1.70	1.60	1.68											5 / 2
wind	2.9 m/s	velocity	6.67	11.11	11.76	12.50	11.90	10.22										# of strides
																		43.5
FINAL - 2020 Olympic Games (Tokyo, JPN)																		
date	01-Aug-21	time	3.79		6.39	8.10	9.84	9.84										<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>
reaction time	0.128	interval			2.60	3.45	1.74	PB										5 / 2
wind	0.1 m/s	velocity		7.92	11.54	5.80	11.49	10.16										# of strides
																		3.79 2.60
																		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										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.118	interval		1.90	1.70	1.80	1.73											5 / 5
wind	0.4 m/s	velocity	6.67	10.53	11.76	11.11	11.56	9.87										# of strides
																		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										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.153	interval		1.90	1.70	1.80	1.75											6 / 6
wind	0.3 m/s	velocity	6.67	10.53	11.76	11.11	11.43	9.85										# of strides
																		44.0
Kern, Lucien (SUI) (2002)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
B Race - 2023 Athletissima (Lausanne, SUI)																		
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					<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.149	interval		1.10	1.00	0.96	0.95	0.94	0.96	0.97	0.99	0.99						4 / 6
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					# of strides
																		4.12 2.85 2.92
																		7.28 10.53 10.27
Kerr, Stanley (USA) (1967)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)																		
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					<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>
reaction time		interval		1.08	0.94	0.87	0.87	0.87	0.90	0.95	0.82	0.92						/ 2
wind	0.8 m/s	velocity	4.98	9.26	10.64	11.49	11.49	11.49	11.11	10.53	12.20	10.87	9.78					# of strides
																		4.03 2.61 2.67
																		7.44 11.49 11.24
Khalid, Mahamat Zakaria (QAT) (2002)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2021 Doha Diamond League (Doha, QAT)																		
date	28-May-21	time	3.1		5.0	6.9	8.8	10.59	10.59									<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.142	interval			1.90	1.90	1.79											2 / 6
wind	0.9 m/s	velocity	6.45		10.53	10.53	10.53	11.17	9.44									# of strides
																		48.0
Kharlamov, Vasily (RUS) (1986)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)																		
date	19-Aug-09	time	3.14		5.13	7.12	9.12	11.22	11.22									<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>
reaction time	0.184	interval			1.99	1.99	2.00	2.10	PB									7 / 3
wind	0.3 m/s	velocity	6.37		10.05	10.05	10.00	9.52	8.91									# of strides
Kiki, Didier (BEN) (1995)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Prelim 2 - 2024 Olympic Games (Paris, FRA)																		
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					<i>Paris 2024 Olympic Games - Results Book (2024)</i>
reaction time	0.142	interval		1.09	0.99	0.96	0.93	0.93	0.94	0.95	0.97	0.98						6 / 3
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					# of strides
																		4.10 2.82 2.86
																		7.32 10.64 10.49
Kim Kuk-Young (KOR) (1991)																		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
B FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)																		
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					<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>
reaction time		interval		1.07	0.95	0.90	0.89	0.87	0.88	0.89	0.91	0.93						3 / 1
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					# of strides
																		3.90 2.66 2.68
																		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					<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>
reaction time	0.107	interval		1.05	0.95	0.90	0.89	0.88	0.90	0.91	0.94	0.97						3 / 3
																		# 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, Trel (USA) (1985)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
date	23-Jun-06	time	1.94	2.97	3.92	4.84	5.72	6.65	7.54	8.47	9.39	10.36	10.36	7 / 6 5			
reaction time		interval		1.03	0.95	0.92	0.88	0.93	0.89	0.93	0.92	0.97		# of strides	3.92	2.73	2.74
wind	-1.2 m/s	velocity	5.15	9.71	10.53	10.87	11.36	10.75	11.24	10.75	10.87	10.31	9.65	47.5	7.65	10.99	10.95

Kimura, Shintaro (JPN) (1987)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)												<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	1.88	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)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	15-Aug-09	time		2.97	3.94	4.87		6.74		8.60		10.54	10.54	2 / 8			
reaction time		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)												<i>Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter</i>					
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		interval		1.04	0.95	0.93	0.92	0.92	0.92	0.94	0.94	0.98		# of strides	3.92	2.77	2.80
wind	-0.4 m/s	velocity	5.18	9.62	10.53	10.75	10.87	10.87	10.87	10.64	10.64	10.20	9.55		7.65	10.83	10.71

Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN)												<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>					
date	27-Jun-09	time	1.89	2.93	3.87	4.78	5.68	6.58	7.47	8.37	9.28	10.21	10.21	6 / 1			
reaction time		interval		1.04	0.94	0.91	0.90	0.90	0.89	0.90	0.91	0.93	PB	# of strides	3.87	2.71	2.70
wind	1.4 m/s	velocity	5.29	9.62	10.64	10.99	11.11	11.11	11.24	11.11	10.99	10.75	9.79		7.75	11.07	11.11

FINAL - 2008 Japanese National Championship (Kawasaki, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>					
date	29-Jun-08	time	1.92	2.96	3.92	4.85	5.77	6.68	7.61	8.54	9.50	10.48	10.48	/ 3			
reaction time		interval		1.04	0.96	0.93	0.92	0.91	0.93	0.93	0.96	0.98		# of strides	3.92	2.76	2.82
wind	-0.2 m/s	velocity	5.21	9.62	10.42	10.75	10.87	10.99	10.75	10.75	10.42	10.20	9.54		7.65	10.87	10.64

B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>					
date	29-Apr-08	time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.42	10.36	10.36	/ 1			
reaction time		interval		1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.94		# of strides	3.93	2.73	2.76
wind	2.4 m/s	velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.64	9.65		7.63	10.99	10.87

Heat 2 - 2008 Mikio Oda Memorial (Hiroshima, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>					
date	29-Apr-08	time	1.90	2.96	3.92	4.84	5.75	6.68	7.61	8.56	9.52	10.50	10.50	/ 5			
reaction time		interval		1.06	0.96	0.92	0.91	0.93	0.93	0.95	0.96	0.98		# of strides	3.92	2.76	2.84
wind	2.0 m/s	velocity	5.26	9.43	10.42	10.87	10.99	10.75	10.75	10.53	10.42	10.20	9.52		7.65	10.87	10.56

King, Emmitt (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)												<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>					
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		interval				1.83	0.89	0.89	0.89	0.88		1.95		# of strides		6.52	
wind	-0.3 m/s	velocity		6.87		10.93	11.24	11.24	11.24	11.36		10.26	9.77	46.2		4.60	

King, Kyree (USA) (1994)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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		interval		1.05	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.89		# of strides	3.90	2.65	2.63
wind	0.3 m/s	velocity	5.24	9.52	10.64	11.11	11.36	11.49	11.49	11.49	11.24	11.24	9.93	47.0	7.69	11.32	11.41

FINAL - 2022 Weltklasse (Zürich, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	08-Sep-22	time		2.98		4.84		6.61		8.38		10.18	10.18	7 / 7			
reaction time		interval				1.86		1.77		1.77		1.80		# of strides			
wind	-0.3 m/s	velocity		6.71		10.75		11.30		11.30		11.11	9.82	47.2			

FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	06-Aug-22	time		3.00		4.88		6.66		8.45		10.29	10.29	9 / 9			
reaction time		interval				1.88		1.78		1.79		1.84		# of strides			
wind	-0.7 m/s	velocity		6.67		10.64		11.24		11.17		10.87	9.72	48.0			

FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	09-Jun-22	time		2.95		4.80		6.56		8.33		10.14	10.14	6 / 2			
reaction time		interval				1.85		1.76		1.77		1.81		# of strides			
wind	-0.2 m/s	velocity		6.78		10.81		11.36		11.30		11.05	9.86	47.0			

FINAL - 2022 FBK Games (Hengelo, NED)												<i>Omega Timing (2022) - continental tour race analysis</i>				
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date	06-Jun-22	time	3.0	4.8	6.6	8.3	10.23	10.23	5 / 2												
reaction time	0.153	interval		1.80	1.80	1.70	1.93		# of strides												
wind	-0.3 m/s	velocity	6.67	11.11	11.11	11.76	10.36	9.78	48.0												
FINAL - 2022 Prefontaine Classic (Eugene, OR)										<i>Omega Timing (2022) - diamond league race analysis</i>											
date	28-May-22	time	2.97	4.81	6.58	8.36	10.16	10.16	2 / 7												
reaction time	0.167	interval		1.84	1.77	1.78	1.80		# of strides												
wind	-0.2 m/s	velocity	6.73	10.87	11.30	11.24	11.11	9.84	48.0												
Kiplesund, Ingar (SWE) (1996)																					
E FINAL - 2014 Windsprint (Sundsvall, SWE)																					
date	20-Jul-14	time		4.24		7.15		9.06		11.04	11.04										
reaction time		interval				2.91		1.91		1.98								# of strides	4.24	2.91	
wind	2.1 m/s	velocity		7.08		10.31		10.47		10.10	9.06							7.08	10.31		
Kirdyashev, Valeriy (RUS) (1976)																					
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									
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		
Kirstges, Marcel (GER) (1991)																					
FINAL - 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									
reaction time		interval		0.98	0.93		1.87		1.89		1.89	PB						# of strides	4.17	2.80	
wind	0.5 m/s	velocity	6.27	10.20	10.75		10.70		10.58		10.58	9.30						7.19	10.71		
Kiryu, Yoshihide (JPN) (1995)																					
FINAL - 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	0.150	interval		1.06	0.97	0.92	0.91	0.91	0.90	0.92	0.93	0.93						# of strides	3.96	2.74	2.75
wind	-0.6 m/s	velocity	5.18	9.43	10.31	10.87	10.99	10.99	11.11	10.87	10.75	10.75	9.63					7.58	10.95	10.91	
FINAL - 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								
reaction time	0.127	interval		1.06	0.97	0.92	0.89	0.90	0.89	0.91	0.92	0.95						# of strides	3.89	2.71	2.72
wind	-0.2 m/s	velocity	5.38	9.43	10.31	10.87	11.24	11.11	11.24	10.99	10.87	10.53	9.74					49.0	7.71	11.07	11.03
FINAL - 2020 Athlete Night Games (Fukui, JPN)																					
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								
reaction time		interval		1.07	0.95	0.91	0.88	0.87	0.87	0.88	0.89	0.90						# of strides	3.86	2.66	2.64
wind	1.0 m/s	velocity	5.43	9.35	10.53	10.99	11.36	11.49	11.49	11.36	11.24	11.11	9.94					49.6	7.77	11.28	11.36
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																					
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								
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.86	0.86	0.87	0.89	0.92						# of strides	3.84	2.63	2.62
wind	1.7 m/s	velocity	5.38	9.62	10.64	11.11	11.49	11.63	11.63	11.49	11.24	10.87	9.99					48.0	7.81	11.41	11.45
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)																					
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								
reaction time	0.130	interval		1.07	0.96	0.91	0.89	0.88	0.88	0.89	0.91	0.93						# of strides	3.93	2.68	2.68
wind	0.0 m/s	velocity	5.26	9.35	10.42	10.99	11.24	11.36	11.36	11.24	10.99	10.75	9.78					47.4	7.63	11.19	11.19
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)																					
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								
reaction time	0.144	interval		1.07	0.95	0.90	0.89	0.87	0.88	0.88	0.90	0.92						# of strides	3.92	2.66	2.66
wind	0.6 m/s	velocity	5.26	9.35	10.53	11.11	11.24	11.49	11.36	11.36	11.11	10.87	9.84					47.6	7.65	11.28	11.28
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)																					
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								
reaction time	0.135	interval		1.05	0.95	0.90	0.89	0.88	0.89	0.89	0.91	0.93						# of strides	3.88	2.67	2.69
wind	-0.7 m/s	velocity	5.32	9.52	10.53	11.11	11.24	11.36	11.24	11.24	10.99	10.75	9.83					48.1	7.73	11.24	11.15
FINAL - 2017 Japanese Inter-Collegiate Championships (Fukui, JPN)																					
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								
reaction time	0.139	interval		1.07	0.95	0.90	0.87	0.86	0.86	0.86	0.87	0.89	NR					# of strides	3.87	2.63	2.59
wind	1.8 m/s	velocity	5.41	9.35	10.53	11.11	11.49	11.63	11.63	11.63	11.49	11.24	10.02					7.75	11.41	11.58	
FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)																					
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								
reaction time		interval		1.05	0.95	0.91	0.88	0.87	0.88	0.88	0.90	0.91						# of strides	3.81	2.66	2.66
wind	-0.3 m/s	velocity	5.52	9.52	10.53	10.99	11.36	11.49	11.36	11.36	11.11	10.99	9.96					48.0	7.87	11.28	11.28

B FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS)(2017) - tfdata-store.com/2017/03/12/post-46/

date	11-Mar-17	time	6.56	10.04	10.04	/ 1
reaction time		interval		3.48		# of strides
wind	1.4 m/s	velocity	9.15	11.49	9.96	47.0

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

date	25-Jun-16	time	1.88	2.93	3.88	4.78	5.68	6.57	7.47	8.38	9.32	10.31	10.31	6 / 3			
reaction time	0.141	interval	1.05	0.95	0.90	0.90	0.89	0.90	0.91	0.94	0.99			# of strides	3.88	2.69	2.75
wind	-0.3 m/s	velocity	5.32	9.52	10.53	11.11	11.11	11.24	11.11	10.99	10.64	10.10	9.70	48.2	7.73	11.15	10.91

Semi-Final 2 - 2016 Japanese National Championships (Nagoya, JPN)*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	25-Jun-16	time	1.87	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.29	10.29	3 / 2			
reaction time	0.140	interval	1.06	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.96			# of strides	3.88	2.71	2.74
wind	-1.4 m/s	velocity	5.35	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.42	9.72	48.5	7.73	11.07	10.95

FINAL - 2016 Fuse Sprint (Tottori, JPN)*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.87	2.91	3.84	4.73	5.61	6.49	7.37	8.26	9.16	10.09	10.09	/ 2			
reaction time		interval	1.04	0.93	0.89	0.88	0.88	0.88	0.89	0.90	0.93			# of strides	3.84	2.65	2.67
wind	-0.5 m/s	velocity	5.35	9.62	10.75	11.24	11.36	11.36	11.36	11.24	11.11	10.75	9.91	47.7	7.81	11.32	11.24

Heat 1 - 2016 Fuse Sprint (Tottori, JPN)*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	1.85	2.89	3.83	4.74	5.63	6.52	7.42	8.32	9.25	10.21	10.21	/ 1			
reaction time		interval	1.04	0.94	0.91	0.89	0.89	0.90	0.90	0.93	0.96			# of strides	3.83	2.69	2.73
wind	-0.6 m/s	velocity	5.41	9.62	10.64	10.99	11.24	11.24	11.11	11.11	10.75	10.42	9.79	48.0	7.83	11.15	10.99

FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	08-May-16	time	1.90	2.95	3.90	4.80	5.69	6.58	7.47	8.38	9.31	10.27	10.27	4 / 4			
reaction time		interval	1.05	0.95	0.90	0.89	0.89	0.89	0.91	0.93	0.96			# of strides	3.90	2.68	2.73
wind	-0.4 m/s	velocity	5.26	9.52	10.53	11.11	11.24	11.24	11.24	10.99	10.75	10.42	9.74	47.9	7.69	11.19	10.99

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

date	19-Apr-15	time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.43	10.40	10.40	3 / =2			
reaction time		interval	1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97			# of strides	3.93	2.73	2.77
wind	-0.2 m/s	velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.62	48.5	7.63	10.99	10.83

Heat 1 - 2015 Mikio Oda Memorial (Hiroshima, JPN)*Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	19-Apr-15	time	1.91	2.97	3.93	4.85	5.76	6.66	7.56	8.48	9.40	10.36	10.36	5 / 1			
reaction time		interval	1.06	0.96	0.92	0.91	0.90	0.90	0.92	0.92	0.96			# of strides	3.93	2.73	2.74
wind	-0.1 m/s	velocity	5.24	9.43	10.42	10.87	10.99	11.11	11.11	10.87	10.87	10.42	9.65	47.7	7.63	10.99	10.95

FINAL - 2015 Texas Relays (Austin, TX)tfdata-store.com/2017/03/29/post-73/

date	28-Mar-15	time	3.88	6.45	8.99	9.87	9.87							4 / 1			
reaction time		interval		2.57	2.54	9.87								# of strides	3.88	2.57	2.54
wind	3.3 m/s	velocity	7.73	11.67	11.81	2.03	10.13							46.9	7.73	11.67	11.81

FINAL - 2014 Japanese National Championships (Fukushima, JPN)*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	08-Jun-14	time	1.96	2.99	3.93	4.83	5.71	6.60	7.49	8.39	9.29	10.22	10.22	6 / 1			
reaction time		interval	1.03	0.94	0.90	0.88	0.89	0.89	0.90	0.90	0.93			# of strides	3.93	2.67	2.69
wind	0.6 m/s	velocity	5.10	9.71	10.64	11.11	11.36	11.24	11.24	11.11	11.11	10.75	9.78	48.7	7.63	11.24	11.15

Semi-Final 1 - 2014 Japanese National Championships (Fukushima, JPN)*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	08-Jun-14	time	1.93	2.97	3.90	4.80	5.68	6.56	7.44	8.34	9.25	10.21	10.21	5 / 1			
reaction time		interval	1.04	0.93	0.90	0.88	0.88	0.88	0.88	0.90	0.91	0.96		# of strides	3.90	2.66	2.69
wind	-0.5 m/s	velocity	5.18	9.62	10.75	11.11	11.36	11.36	11.36	11.11	10.99	10.42	9.79	48.9	7.69	11.28	11.15

Heat 4 - 2014 Japanese National Championships (Fukushima, JPN)*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	07-Jun-14	time	1.95	2.98	3.92	4.81	5.69	6.57	7.44	8.32	9.22	10.15	10.15	7 / 1			
reaction time		interval	1.03	0.94	0.89	0.88	0.88	0.88	0.87	0.88	0.90	0.93		# of strides	3.92	2.65	2.65
wind	1.4 m/s	velocity	5.13	9.71	10.64	11.24	11.36	11.36	11.49	11.36	11.11	10.75	9.85	48.9	7.65	11.32	11.32

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)*Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	11-May-14	time	1.90	2.95	3.92	4.85	5.77	6.69	7.61	8.54	9.49	10.46	10.46	2 / 5			
reaction time		interval	1.05	0.97	0.93	0.92	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.92	2.77	2.80
wind	-3.5 m/s	velocity	5.26	9.52	10.31	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.56	47.7	7.65	10.83	10.71

Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

date	29-Apr-14	time	1.94	2.98	3.91	4.81	5.68	6.56	7.42	8.30	9.19	10.10	10.10	4 / 1			
reaction time		interval	1.04	0.93	0.90	0.87	0.88	0.88	0.86	0.88	0.89	0.91	AJR	# of strides	3.91	2.65	2.63
wind	2.0 m/s	velocity	5.15	9.62	10.75	11.11	11.49	11.36	11.63	11.36	11.24	10.99	9.90	49.2	7.67	11.32	11.41

Race B - 2014 Izumo Athletics Games (Izumo, JPN)*Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	20-Apr-14	time	1.93	2.97	3.91	4.82	5.71	6.59	7.48	8.39	9.31	10.26	10.26	5 / 1														
reaction time		interval		1.04	0.94	0.91	0.89	0.88	0.89	0.91	0.92	0.95		# of strides	3.91	2.68	2.72											
wind	0.6 m/s	velocity	5.18	9.62	10.64	10.99	11.24	11.36	11.24	10.99	10.87	10.53	9.75	49.7	7.67	11.19	11.03											
Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN)														<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											
FINAL - 2013 Japanese National High School Championships (Oita, JPN)														<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											
FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN)														<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	1.89	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)														<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	1.89	2.90	3.81	4.69	5.55	6.41	7.27	8.15	9.06	10.01	10.01	3 / 1														
reaction time		interval		1.01	0.91	0.88	0.86	0.86	0.86	0.88	0.91	0.95	PB	# of strides	3.81	2.60	2.65											
wind	0.9 m/s	velocity	5.29	9.90	10.99	11.36	11.63	11.63	11.63	11.36	10.99	10.53	9.99	47.3	7.87	11.54	11.32											
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)														<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
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)														<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>														
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)														<i>(2016) - www.windsprint/Splittider/</i>														
date	31-Jul-16	time			4.14		7.00				10.92	10.92		8 / 4														
reaction time		interval					2.86				3.92			# of strides	4.14	2.86												
wind	1.4 m/s	velocity			7.25		10.49				10.20	9.16			7.25	10.49												
Heat 1 - 2016 Windsprint (Sundsvall, SWE)														<i>(2016) - www.windsprint/Splittider/</i>														
date	31-Jul-16	time			4.15		7.04				11.07	11.07		3 / 8														
reaction time		interval					2.89				4.03			# of strides	4.15	2.89												
wind	0.7 m/s	velocity			7.23		10.38				9.93	9.03			7.23	10.38												
D FINAL - 2014 Windsprint (Sundsvall, SWE)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
date	20-Jul-14	time			4.11		6.94		8.81		10.74	10.74		3 / 3														
reaction time		interval					2.83		1.87		1.93			# of strides	4.11	2.83												
wind	3.1 m/s	velocity			7.30		10.60		10.70		10.36	9.31			7.30	10.60												
F FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
date	28-Jul-13	time			4.21		7.15		9.11		11.10	11.10		2 / 3														
reaction time		interval					2.94		1.96		1.99			# of strides	4.21	2.94												
wind	3.0 m/s	velocity			7.13		10.20		10.20		10.05	9.01			7.13	10.20												
Kjensli, Kennet (NOR) (1969)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1994 (Tønsberg, NOR)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	???	time			3.93		6.60		8.39		10.29	10.29		1 / 5														
reaction time		interval					2.67		1.79		1.90			# of strides	3.93	2.67												
wind	???	velocity			7.63		11.24		11.17		10.53	9.72			7.63	11.24												
Kjerpeset, Øyvind (NOR) (1991)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2021 Bislett Games (Oslo, NOR)														<i>Omega Timing (2021) - diamond league race analysis</i>														
date	01-Jul-21	time		3.1		5.1		7.0		8.9		10.77	10.77	2 / 4														
reaction time	0.150	interval				2.00		1.90		1.90		1.87		# of strides														
wind	0.2 m/s	velocity		6.45		10.00		10.53		10.53		10.70	9.29															
Klíma, Jakub (CZE) (1995)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time		3.37		5.52		7.58		9.62		11.67	11.67	5 / 6														
reaction time	0.174	interval				2.15		2.06		2.04		2.05		# of strides														

wind -1.7 m/s velocity 5.93 9.30 9.71 9.80 9.76 8.57

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kling-Baptiste, Tom (SWE) (1990)																	
A FINAL - 2017 Windsprint (Sundsvall, SWE)																	
date	30-Jul-17	time		4.01	5.83	6.72	8.56	10.41	10.41					5 / 1			
reaction time		interval			1.82	0.89	1.84	1.85						# of strides	4.01	2.71	
wind	1.8 m/s	velocity		7.48	10.99	11.24	10.87	10.81	9.61						7.48	11.07	
A FINAL - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.02		6.74		10.42	10.42					4 / 1			
reaction time		interval				2.72		3.68						# of strides	4.02	2.72	
wind	1.4 m/s	velocity		7.46		11.03		10.87	9.60						7.46	11.03	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.02		6.75		10.46	10.46					4 / 1			
reaction time		interval				2.73		3.71						# of strides	4.02	2.73	
wind	0.7 m/s	velocity		7.46		10.99		10.78	9.56						7.46	10.99	
A FINAL - 2015 Windsprint (Sundsvall, SWE)																	
date	26-Jul-15	time		4.00		6.78	8.63	10.52	10.52					2 / 5			
reaction time		interval				2.78	1.85	1.89						# of strides	4.00	2.78	
wind	1.0 m/s	velocity		7.50		10.79	10.81	10.58	9.51						7.50	10.79	
A FINAL - 2014 Windsprint (Sundsvall, SWE)																	
date	20-Jul-14	time		3.97		6.71	8.55	10.42	10.42					7 / 5			
reaction time		interval				2.74	1.84	1.87						# of strides	3.97	2.74	
wind	1.5 m/s	velocity		7.56		10.95	10.87	10.70	9.60						7.56	10.95	
A FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		3.99		6.69	8.50	10.35	10.35					2 / 7			
reaction time		interval				2.70	1.81	1.85						# of strides	3.99	2.70	
wind	3.0 m/s	velocity		7.52		11.11	11.05	10.81	9.66						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					4 / 5			
reaction time		interval				2.75	1.83	1.89						# of strides	4.00	2.75	
wind	1.8 m/s	velocity		7.50		10.91	10.93	10.58	9.55						7.50	10.91	
Semi-Final 1 - 2013 European Indoor Championships (Göteborg, SWE)																	
date	02-Mar-13	time		2.98	4.89	6.73		6.73						2 / 7			
reaction time	0.143	interval			1.91	1.84								# of strides			
		velocity		6.71	10.47	10.87		8.92							27.2		
FINAL - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time		4.02		6.79	8.60	10.47	10.47					1 / 5			
reaction time		interval				2.77	1.81	1.87						# of strides	4.02	2.77	
wind	2.8 m/s	velocity		7.46		10.83	11.05	10.70	9.55						7.46	10.83	
B FINAL - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time		4.19		7.02	8.95	10.94	10.94					/ 2			
reaction time		interval				2.83	1.93	1.99	PB					# of strides	4.19	2.83	
wind	1.1 m/s	velocity		7.16		10.60	10.36	10.05	9.14						7.16	10.60	
Klvana, Filip (CZE) (1977)																	
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)																	
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)																	
FINAL - 2022 Prefontaine Classic (Eugene, OR)																	
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 FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)																	
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)														<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>				
date	20-Apr-14	time	1.95	3.04	4.03	4.97	5.90	6.81	7.73	8.65	9.58	10.55	10.55	8 / 7				
reaction time		interval		1.09	0.99	0.94	0.93	0.91	0.92	0.92	0.93	0.97		# of strides	4.03	2.78	2.77	
wind	1.9 m/s	velocity	5.13	9.17	10.10	10.64	10.75	10.99	10.87	10.87	10.75	10.31	9.48		48.5	7.44	10.79	10.83
FINAL - 2007 Japanese National High School Championships (Saga, JPN)														<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>				
date	03-Aug-07	time		3.05	4.03	4.97	5.89	6.80	7.72	8.64	9.58	10.56	10.56	4 / 1				
reaction time		interval			0.98	0.94	0.92	0.91	0.92	0.92	0.94	0.98		# of strides	4.03	2.77	2.78	
wind	0.7 m/s	velocity		6.56	10.20	10.64	10.87	10.99	10.87	10.87	10.64	10.20	9.47		7.44	10.83	10.79	
Kochan, Marc (GER) (1978)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 5 - 2002 European Championships (Munich, GER)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</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		
Koffi, Wilfried (CIV) (1987)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)														<i>Matsuo (2015) - 2015 men's & 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
Koike, Yuki (JPN) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Japanese National Championships (Niigata, JPN)														<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
FINAL - 2020 Athlete Night Games (Fukui, JPN)														<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
FINAL - 2020 Millrose Games (New York, NY)														<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</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	
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)														<i>PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/</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					PB	# of strides	4.11	2.58		
		velocity	4.67	9.71	10.64	10.99	11.11	12.99					8.97		33.0	7.30	11.63	
Heat 1 - 2019 Müller Grand Prix (Birmingham, GBR)														<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					
FINAL - 2019 Müller Anniversary Games (London, GBR)														<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	PB	# of strides	3.85	2.62	2.62	
wind	0.5 m/s	velocity	5.32	9.71	10.64	11.24	11.49	11.63	11.49	11.49	11.36	11.24	10.02		51.0	7.79	11.45	11.45
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)														<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	PB	# of strides	3.89	2.67	2.68	
wind	0.6 m/s	velocity	5.32	9.43	10.53	10.99	11.36	11.36	11.36	11.24	10.99	10.75	9.83		51.0	7.71	11.24	11.19
FINAL - 2018 Fuse Sprint (Tottori, JPN)														<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
A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														<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 FINAL - 2014 Mikio Oda Memorial (Hiroshima, JPN)*Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	2.01	3.08	4.04	4.97	5.88	6.78	7.68	8.58	9.49	10.42	10.42	4 / 3			
reaction time		interval		1.07	0.96	0.93	0.91	0.90	0.90	0.90	0.91	0.93		# of strides	4.04	2.74	2.71
wind	1.8 m/s	velocity	4.98	9.35	10.42	10.75	10.99	11.11	11.11	11.11	10.99	10.75	9.60	50.2	7.43	10.95	11.07

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

date	29-Apr-14	time	1.95	3.01	3.98	4.90	5.81	6.70	7.59	8.49	9.40	10.34	10.34	8 / 4			
reaction time		interval		1.06	0.97	0.92	0.91	0.89	0.89	0.90	0.91	0.94		# of strides	3.98	2.72	2.70
wind	2.6 m/s	velocity	5.13	9.43	10.31	10.87	10.99	11.24	11.24	11.11	10.99	10.64	9.67	49.9	7.54	11.03	11.11

FINAL - 2013 Japanese National High School Championships (Oita, JPN)*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

date	31-Jul-13	time	1.94	3.01	3.97	4.89	5.79	6.69	7.60	8.51	9.44	10.38	10.38	/ 2			
reaction time		interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.93	0.94		# of strides	3.97	2.72	2.75
wind	0.1 m/s	velocity	5.15	9.35	10.42	10.87	11.11	11.11	10.99	10.99	10.75	10.64	9.63	7.56	11.03	10.91	

FINAL - 2012 Japanese National High School Championships (Niigata, JPN)*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time					5.93	6.85	7.77	8.72	9.67	10.65	10.65	2 / 7			
reaction time		interval						0.92	0.92	0.95	0.95	0.98		# of strides			2.82
wind	0.0 m/s	velocity					8.43	10.87	10.87	10.53	10.53	10.20	9.39				10.64

Kojima, Shigeyuki (JPN) (1979)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 5 - 2009 Japanese National Championships (Hiroshima, JPN)***Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	27-Jun-09	time	1.95	3.01	3.97	4.88	5.77	6.66	7.56	8.46	9.37	10.31	10.31	3 / 2			
reaction time		interval		1.06	0.96	0.91	0.89	0.89	0.90	0.90	0.91	0.94		# of strides	3.97	2.69	2.71
wind	1.0 m/s	velocity	5.13	9.43	10.42	10.99	11.24	11.24	11.11	11.11	10.99	10.64	9.70	7.56	11.15	11.07	

FINAL - 2008 Japanese National Championship (Kawasaki, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Jun-08	time	1.94	3.01	3.98	4.91	5.83	6.74	7.66	8.60	9.55	10.52	10.52	/ 4			
reaction time		interval		1.07	0.97	0.93	0.92	0.91	0.92	0.94	0.95	0.97		# of strides	3.98	2.76	2.81
wind	-0.2 m/s	velocity	5.15	9.35	10.31	10.75	10.87	10.99	10.87	10.64	10.53	10.31	9.51	7.54	10.87	10.68	

FINAL - 2007 Japanese National Championships (Osaka, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.89	2.98	3.96	4.89	5.81	6.73	7.65	8.58	9.53	10.50	10.50	/ 3			
reaction time		interval		1.09	0.98	0.93	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.96	2.77	2.80
wind	-0.3 m/s	velocity	5.29	9.17	10.20	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.52	7.58	10.83	10.71	

Kojima, Takuma (JPN) (2004)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2022 Japanese National High School Championships (Naruto, JPN)***Kishima (2022) - national high school championships biomechanics data collection*

date	04-Aug-22	time	1.90	2.99	3.97	4.92	5.85	6.78	7.71	8.65	9.60	10.57	10.57	7 / 4			
reaction time	0.150	interval		1.09	0.98	0.95	0.93	0.93	0.93	0.94	0.95	0.97		# of strides	3.97	2.81	2.82
wind	-0.6 m/s	velocity	5.26	9.17	10.20	10.53	10.75	10.75	10.75	10.64	10.53	10.31	9.46	50.2	7.56	10.68	10.64

Kokot, Manfred (GDR) (1948)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1977 East German National Championships (Dresden, GDR)***Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazklus 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	0.167	interval		1.11	1.03	0.98	0.97	0.96	0.98	0.99	1.01	1.04		# of strides	4.15	2.91	2.98
wind	-2.1 m/s	velocity	4.98	9.01	9.71	10.20	10.31	10.42	10.20	10.10	9.90	9.62	9.03	7.23	10.31	10.07	

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.12		5.16		7.13		9.11		11.20	11.20	6 / 1			
reaction time	0.171	interval				2.04		1.97		1.98		2.09		# of strides			
wind	-4.2 m/s	velocity		6.41		9.80		10.15		10.10		9.57	8.93				

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	0.152	interval		1.10	1.05	0.98	0.97	0.98	0.99	1.03	1.01	1.09		# of strides	4.13	2.93	3.03
wind	-3.4 m/s	velocity	5.05	9.09	9.52	10.20	10.31	10.20	10.10	9.71	9.90	9.17	8.94	7.26	10.24	9.90	

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.15		5.15		7.12		9.11		11.13	11.13	3 / 2			
reaction time	0.153	interval				2.00		1.97		1.99		2.02		# of strides			
wind	-1.7 m/s	velocity		6.35		10.00		10.15		10.05		9.90	8.98				

Komuro, Ayukuto (JPN)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2023 Japanese National High School 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	0.193	interval		1.13	1.02	0.97	0.96	0.96	0.96	0.98	0.99	1.02		# of strides	4.14	2.89	2.93
wind	-2.7 m/s	velocity	5.03	8.85	9.80	10.31	10.42	10.42	10.42	10.20	10.10	9.80	9.11		7.25	10.38	10.24
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)																	
date	28-Jun-14	time		3.34		5.46		7.53		9.63		12.13	12.13	7 / 7			
reaction time	0.183	interval				2.12		2.07		2.10		2.50		# of strides			
wind	-2.5 m/s	velocity		5.99		9.43		9.66		9.52		8.00	8.24				
Kondo, Hikaru (JPN) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)																	
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
Koniczny, Christian (GER) (1972)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 1993 German National Championships (Duisburg, GER)																	
date	9-Jul-93	time			3.95			6.67		8.47		10.35	10.37	/ 1			
reaction time		interval						2.72		1.80		1.88	PB	# of strides	3.95	2.72	
wind	0.0 m/s	velocity			7.59			11.03		11.11		10.64	9.64		7.59	11.03	
Kononyuk, Sergey (RUS) (1970)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)																	
date	23-Jun-01	time		3.02	4.00	4.93		6.77		8.62		10.56	10.56	/ 4			
reaction time	0.162	interval			0.98	0.93		1.84		1.85		1.94		# of strides	4.00	2.77	
wind	1.3 m/s	velocity		6.62	10.20	10.75		10.87		10.81		10.31	9.47		7.50	10.83	
Korínek, Petr (CZE) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)																	
date	28-Jun-14	time		3.32		5.51		7.65		9.80		12.02	12.02	5 / 6			
reaction time	0.176	interval				2.19		2.14		2.15		2.22		# of strides			
wind	-3.6 m/s	velocity		6.02		9.13		9.35		9.30		9.01	8.32				
Kornelyuk, Aleksandr (URS) (1950)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1972 Olympic Games (Munich, FRG)																	
date	01-Sep-72	time			3.88			6.61		8.43		10.35	10.36	6 / 4			
reaction time		interval						2.73		1.82		1.92		# of strides	3.88	2.73	
wind	0.3 m/s	velocity			7.73			10.99		10.99		10.42	9.65	50.0	7.73	10.99	
Kosenkow, Alexander (GER) (1977)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2009 ISTAF (Berlin, GER)																	
date	14-Jun-09	time		3.02	4.00	4.93		6.77		8.65		10.53	10.53	/ 6			
reaction time	0.159	interval			0.98	0.93		1.84		1.88		1.88		# of strides	4.00	2.77	
wind	0.2 m/s	velocity		6.62	10.20	10.75		10.87		10.64		10.64	9.50		7.50	10.83	
Heat 3 - 2002 European Championships (Munich, GER)																	
date	06-Aug-02	time		2.98	3.95	4.88		6.71		8.55		10.44	10.44	/ 3			
reaction time	0.146	interval			0.97	0.93		1.83		1.84		1.89		# of strides	3.95	2.76	
wind	0.4 m/s	velocity		6.71	10.31	10.75		10.93		10.87		10.58	9.58		7.59	10.87	
FINAL - 2001 ISTAF (Berlin, GER)																	
date	31-Aug-01	time		3.02	4.00	4.93		6.75		8.60		10.52	10.52	/ 7			
reaction time	0.166	interval			0.98	0.93		1.82		1.85		1.92		# of strides	4.00	2.75	
wind	0.6 m/s	velocity		6.62	10.20	10.75		10.99		10.81		10.42	9.51		7.50	10.91	
B FINAL 1 - 2001 European Cup (Bremen, GER)																	
date	23-Jun-01	time		2.99	3.97	4.91		6.75		8.61		10.57	10.57	/ 4			
reaction time	0.139	interval			0.98	0.94		1.84		1.86		1.96		# of strides	3.97	2.78	
wind	0.6 m/s	velocity		6.69	10.20	10.64		10.87		10.75		10.20	9.46		7.56	10.79	
Kotani, Yusuke (JPN) (1989)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2015 Japanese National Championships (Niigata, JPN)																	
date	27-Jun-15	time	1.89	2.94	3.89	4.80	5.71	6.61	7.51	8.43	9.36	10.31	10.31	2 / 1			
reaction time	0.126	interval		1.05	0.95	0.91	0.91	0.90	0.90	0.92	0.93	0.95		# of strides	3.89	2.72	2.75
wind	0.2 m/s	velocity	5.29	9.52	10.53	10.99	10.99	11.11	11.11	10.87	10.75	10.53	9.70	50.0	7.71	11.03	10.91
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)																	
date	29-Apr-12	time	1.90	2.95	3.90	4.81	5.70	6.59	7.48	8.38	9.28	10.21	10.21	3 / 2			
reaction time		interval		1.05	0.95	0.91	0.89	0.89	0.89	0.90	0.90	0.93	PB	# of strides	3.90	2.69	2.69
wind	1.3 m/s	velocity	5.26	9.52	10.53	10.99	11.24	11.24	11.24	11.11	11.11	10.75	9.79	48.7	7.69	11.15	11.15

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Kovács, Attila (HUN) (1960)																			
FINAL - 1991 European Cup (Frankfurt, GER)		<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				
Semi-Final 2 - 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	1.97	3.02	3.97	4.89	5.81	6.70	7.59	8.49	9.39	10.31	10.31	2 / 5 4					
reaction time		interval		1.05	0.95	0.92	0.92	0.89	0.89	0.90	0.90	0.92		# of strides	3.97	2.73	2.69		
wind	-1.2 m/s	velocity	5.08	9.52	10.53	10.87	10.87	11.24	11.24	11.11	11.11	10.87	9.70		7.56	10.99	11.15		
FINAL - 1987 IAAF World Championships (Rome, ITA)		<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 / 5 4					
reaction time	0.201	interval		1.04	0.97	0.91	0.88	0.90	0.88	0.89	0.89	0.87		# of strides	3.98	2.69	2.66		
wind	1.0 m/s	velocity	5.08	9.62	10.31	10.99	11.36	11.11	11.36	11.24	11.24	11.49	9.80	47.0	7.54	11.15	11.28		
Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)		<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
date	30-Aug-87	time					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				11.11	9.78		47.5	7.59	11.24			
Quarter-Final 1 - 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					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					10.87				10.70	9.51		47.7	7.46	10.87			
Heat 6 - 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					3.97				6.65	10.26	10.26	5 / 2					
reaction time		interval									2.68			# of strides	3.97	2.68			
wind	1.5 m/s	velocity									11.19		11.08	46.0	7.56	11.19			
Krabbe, Martin (DEN) (1985)																			
C FINAL - 2011 Windsprint (Sundsvall, SWE)		<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									10.60	10.42	9.85	9.27		7.48	10.60		
Krantz, Frédéric (FRA) (1978)																			
FINAL - 2001 European Cup (Bremen, GER)		<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
Krauchanka, Andrei (BLR) (1986)																			
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)		<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				
Kristoffersson, Fredrik (SWE) (1989)																			
E FINAL - 2007 Windsprint (Sundsvall, SWE)		<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	
Krsek, Ivo (CZE) (1993)																			
Semi-Final 2 - 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	1.98	3.11	4.15	5.10	6.05	7.04				7.04		2 / 6					
reaction time	0.160	interval		1.13	1.04	0.95	0.95	0.99						# of strides	4.15	2.89			
		velocity	5.05	8.85	9.62	10.53	10.53	10.10					8.52		7.23	10.38			
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)		<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			
Krumm, Elmo (EST) (1985)																			
FINAL - 2006 Estonian National Championships (Tallinn, EST)		<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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Krzywański, Marcin (POL) (1975)																				
FINAL - 2001 European Cup (Bremen, GER)		Graubner (2007) - http://www.fgs.uni-halle.de																		
date	23-Jun-01	time	3.06	4.02	4.94	6.73	8.58	10.42	10.42				/ 6							
reaction time		interval		0.96	0.92	1.79	1.85	1.84	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	10.87	9.60				7.46	11.07					
Kübeck, Detlef (GDR) (1956)																				
FINAL - 1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)		Heß (1978) - <i>geschwindigkeitsdynamik von sprintern 100m-lauf beir 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	1.84				# of strides	4.01	2.73					
wind	???	velocity	7.48			10.99	11.17	10.87	9.64				7.48	10.99						
Kuboi, So (JPN) (2003)																				
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)		Shibayama (2021) - <i>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	
Kuć, Dariusz (POL) (1986)																				
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)		Graubner (2009) - <i>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				/ 8							
reaction time	0.184	interval		0.96	0.92	1.81	1.79	1.85	1.85				# of strides	4.01	2.73					
wind	0.1 m/s	velocity	6.56	10.42	10.87	11.05	11.17	10.81	9.63				7.48	10.99						
Heat 6 - 2009 IAAF World Championships (Berlin, GER)		Graubner (2009) - <i>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	1.90				# of strides	3.97	2.75					
wind	-0.8 m/s	velocity	6.67	10.31	10.87	10.93	10.87	10.53	9.56				7.56	10.91						
B FINAL - 2009 ISTAF (Berlin, GER)		Graubner (2009) - http://www.fgs.uni-halle.de																		
date	14-Jun-09	time	3.03	3.99	4.90	6.72	8.57	10.43	10.43				/ 4							
reaction time	0.220	interval		0.96	0.91	1.82	1.85	1.86	1.86				# of strides	3.99	2.73					
wind	0.2 m/s	velocity	6.60	10.42	10.99	10.99	10.81	10.75	9.59				7.52	10.99						
Kuki, Takumi (JPN) (1992)																				
FINAL - 2017 Fuse Sprint (Fuse, JPN)		Matsuo (2017) - <i>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			
Heat 3 - 2014 Mikio Oda Memorial (Hiroshima, JPN)		Koyama (2014) - <i>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			
Heat 3 - 2012 Japanese National Championships (Osaka, JPN)		Akirabun (2013) - <i>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			
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)		Matsuo (2010) - <i>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			
FINAL - 2009 Japanese National High School Championships (Nara, JPN)		Matsuo (2009) - <i>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	
Semi-Final ?? - 2009 Japanese National High School Championships (Nara, JPN)		Matsuo (2009) - <i>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	
Heat ?? - 2009 Japanese National High School Championships (Nara, JPN)		Matsuo (2009) - <i>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	
Kuklík, Jan (CZE) (1996)																				
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)		Feher (2014) - <i>Final report from the U18 & U20 Czech Republic national championships</i>																		

reaction time	interval	1.04	0.96	0.92	0.89	0.91	0.92	0.92	0.96	0.97		# of strides	3.95	2.72	2.80		
wind	-1.2 m/s	velocity	5.13	9.62	10.42	10.87	11.24	10.99	10.87	10.87	10.42	10.31	9.58	45.7	7.59	11.03	10.71

Leal, Dennis (SWE) (1994)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
A FINAL - 2017 Windsprint (Sundsvall, SWE)																
date	30-Jul-17	time		4.13		5.95		6.84		8.68		10.54	10.54	(2017) - www.windsprint/Splittider/		
reaction time		interval				1.82		0.89		1.84		1.86		# of strides	4.13	2.71
wind	1.8 m/s	velocity		7.26		10.99		11.24		10.87		10.75	9.49		7.26	11.07

Leandersson, Thomas (SWE) (1966)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1994 (Tønsberg, NOR)																
date	20-Jul-94	time		4.01		6.79		8.65		10.55	10.55	(2007) - www.ssg.se/en/Windsprint/Split-times/				
reaction time		interval				2.78		1.86		1.90		# of strides				
wind	1.8 m/s	velocity		7.48		10.79		10.75		10.53	9.48		7.48	10.79		

Leathart, Tim (AUS) (1989)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)																	
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	Matsuo (2014) - <i>research on athlete performance and technique- 2014 data book</i>			
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	10.64	10.31	9.41		48.5	7.37	10.75	10.71

Lecjaks, Martin (CZE) (1990)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)																
date	15-Jun-13	time		3.20		5.25		7.22		9.23		11.34	11.34	Feher (2013) - <i>Final report from the men's & women's Czech Republic national championships</i>		
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			

Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																
date	25-Feb-12	time	2.03	3.20	4.23	5.22	6.21	7.22				7.22		Feher (2012) - <i>Czech Republic indoor national championships - men's 60m</i>		
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	

Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																
date	25-Feb-12	time	2.00	3.17	4.20	5.21	6.19	7.18				7.18		Feher (2012) - <i>Czech Republic indoor national championships - men's 60m</i>		
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	

Lecomte, Tiago (BEL) (2007)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)																	
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	Omega Timing (2023) - <i>diamond league race analysis</i>			
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

Lecoute, Laurent (FRA) (1968)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 2 - 1996 International French Championships (Bercy, FRA)																
date	10-Feb-96	time	1.92	3.02	3.98	4.94	5.89	6.84				6.84		Gajer (1996) - <i>analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>		
reaction time		interval		1.10	0.96	0.96	0.95	0.95						# of strides	3.98	2.86
		velocity	5.21	9.09	10.42	10.42	10.53	10.53				8.77		7.54	10.49	

Ledvina, Jakub (CZE) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)																	
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	Feher (2014) - <i>Final report from the U18 & U20 Czech Republic national championships</i>			
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

Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)																
date	28-Jun-14	time		3.20		5.28		7.30		9.33		11.46	11.46	Feher (2014) - <i>Final report from the U18 & U20 Czech Republic national championships</i>		
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			

Lemaitre, Christophe (FRA) (1990)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)																		
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	Matsuo (2014) - <i>research on athlete performance and technique- 2014 data book</i>				
reaction time		interval		1.07	0.96	0.91	0.91	0.89	0.88	0.90	0.91	0.92		# of strides	3.99	2.71	2.69	
wind	-3.5 m/s	velocity	5.10	9.35	10.42	10.99	10.99	11.24	11.36	11.11	10.99	10.87	9.70		46.5	7.52	11.07	11.15

FINAL - 2011 IAAF World Championships (Daegu, KOR)																		
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		KSSB (2011) - <i>biomechanical research project report in the iaaf world championships, Daegu 2011</i>				
reaction time		interval		0.98	0.89	0.90	0.86	0.88	0.87	0.92	0.93			# of strides	3.94	2.65	2.67	
wind	-1.4 m/s	velocity		6.76	10.20	11.24	11.11	11.63	11.36	11.49	10.87	10.75	9.81		41.0	7.61	11.32	11.24

FINAL - 2011 French National Championships (Albi, FRA)																
														Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/		

date	04-Jun-11	time	3.93	6.50	8.19	9.92	9.92	6 / 1											
reaction time		interval		2.57	1.69	1.73	AUR / NR	# of strides	3.93	2.57									
wind	-1.1 m/s	velocity	7.63	11.67	11.83	11.56	10.08		41.5	7.63	11.67								

FINAL - 2010 Seiko Super Grand Prix (Kawasaki, JPN)*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	19-Sep-10	time	1.96	3.02	3.97	4.89	5.78	6.67	7.55	8.45	9.35	10.26	10.26	4 / 1						
reaction time		interval	1.06	0.95	0.92	0.89	0.89	0.88	0.90	0.90	0.91			# of strides	3.97	2.70	2.68			
wind	-1.6 m/s	velocity	5.10	9.43	10.53	10.87	11.24	11.24	11.36	11.11	11.11	10.99	9.75		43.8	7.56	11.11	11.19		

Heat 6 - 2009 IAAF World Championships (Berlin, GER)*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.05	4.00	4.90	6.68	8.44	10.23	10.23	6 / 1									
reaction time	0.177	interval	0.95	0.90	1.78	1.76	1.79			# of strides	4.00	2.68							
wind	-0.8 m/s	velocity	6.56	10.53	11.11	11.24	11.36	11.17	9.78		7.50	11.19							

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

date	26-Jul-15	time	4.14	7.01	8.93	10.86	10.86	4 / 1											
reaction time		interval	2.87	1.92	1.93	PB	# of strides	4.14	2.87										
wind	1.1 m/s	velocity	7.25	10.45	10.42	10.36	9.21		7.25	10.45									

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

date	20-Jul-14	time	4.25	7.22	11.21	11.21	3 / 2												
reaction time		interval	2.97	3.99	# of strides	4.25	2.97												
wind	1.5 m/s	velocity	7.06	10.10	10.03	8.92		7.06	10.10										

Lestari, Mardi (INA) (1968)**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	PB	# 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							

Levorato, 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	1 / 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	WR	# of strides	3.88	2.58	2.54			
wind	1.2 m/s	velocity	5.32	9.26	10.87	11.24	11.90	11.76	11.90	12.05	11.49	11.63	10.14		45.1	7.73	11.63	11.81	

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

date	24-Sep-88	time	1.89	2.96	3.90	4.79	5.65	6.48	7.33	8.18	9.04	9.92	9.92	3 / 2 1					
reaction time	0.136	interval	1.07	0.94	0.89	0.86	0.83	0.85	0.85	0.86	0.88	WR	# of strides	3.90	2.58	2.56			
wind	1.1 m/s	velocity	5.29	9.35	10.64	11.24	11.63	12.05	11.76	11.76	11.63	11.36	10.08		43.6	7.69	11.63	11.72	

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

date	24-Sep-88	time	1.95	2.99	3.93	4.81	5.69	6.55	7.41	8.26	9.11	9.97	9.97	5 / 1					
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reaction time	interval	1.04	0.94	0.88	0.88	0.86	0.86	0.85	0.85	0.86		# of strides	3.93	2.62	2.56	
wind	0.6 m/s	velocity	5.13	9.62	10.64	11.36	11.36	11.63	11.63	11.76	11.76	11.63	10.03	7.63	11.45	11.72

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

date	30-Aug-87	time	1.94	2.96	3.91	4.78	5.64	6.50	7.36	8.22	9.07	9.93	9.93	6 / 2 1			
reaction time	0.196	interval	1.02	0.95	0.87	0.86	0.86	0.86	0.86	0.85	0.86		# of strides	3.91	2.59	2.57	
wind	1.0 m/s	velocity	5.15	9.80	10.53	11.49	11.63	11.63	11.63	11.63	11.76	11.63	10.07	44.6	7.67	11.58	11.67

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

date	30-Aug-87	time	1.94	3.00	3.98	4.86	5.73	6.59	7.44	8.30	9.15	10.03	10.03	8 / 1			
reaction time		interval	1.06	0.98	0.88	0.87	0.86	0.85	0.86	0.85	0.88		CR	# of strides	3.98	2.61	2.56
wind	-1.3 m/s	velocity	5.15	9.43	10.20	11.36	11.49	11.63	11.76	11.63	11.76	11.36	9.97	43.6	7.54	11.49	11.72

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

date	29-Aug-87	time	2.01	3.07	4.05	4.98	5.88	6.77	7.66	8.56	9.46	10.38	10.38	6 / 1			
reaction time		interval	1.06	0.98	0.93	0.90	0.89	0.89	0.90	0.90	0.92		# of strides	4.05	2.72	2.69	
wind	-2.9 m/s	velocity	4.98	9.43	10.20	10.75	11.11	11.24	11.24	11.11	11.11	10.87	9.63	43.0	7.41	11.03	11.15

Heat 6 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	1.92	2.98	3.93	4.82	5.70	6.57	7.42	8.27	9.13	10.05	10.05	7 / 1			
reaction time		interval	1.06	0.95	0.89	0.88	0.87	0.85	0.85	0.86	0.92		CR	# of strides	3.93	2.64	2.56
wind	1.5 m/s	velocity	5.21	9.43	10.53	11.24	11.36	11.49	11.76	11.76	11.63	10.87	9.95	42.7	7.63	11.36	11.72

FINAL - 1986 Goodwill Games (Moscow, URS) *Levchenko (1989) - 100 meters in 9.83: the birth of a record*

date	09-Jul-86	time		3.92			6.61					10.06	10.06	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	44.2	7.61	11.28

Liang Jinsheng (CHN) (1996) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)** *Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.92	2.98	3.92	4.84	5.73	6.63	7.52	8.40	9.29	10.21	10.21	6 / 4				
reaction time		interval		1.06	0.94	0.92	0.89	0.90	0.89	0.88	0.89	0.92		# of strides	3.92	2.71	2.66	
wind	0.1 m/s	velocity		5.21	9.43	10.64	10.87	11.24	11.11	11.24	11.36	11.24	10.87	9.79	43.2	7.65	11.07	11.28

FINAL - 2017 Chinese National Games (Tianjin, CHN) *Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.94	3.00	3.96	4.91	5.83	6.71	7.60	8.50	9.44	10.37	10.37	2 / 7				
reaction time	0.16	interval		1.06	0.96	0.95	0.92	0.88	0.89	0.90	0.94	0.93		# of strides	3.96	2.75	2.73	
wind	0.3 m/s	velocity		5.15	9.43	10.42	10.53	10.87	11.36	11.24	11.11	10.64	10.75	9.64	44.0	7.58	10.91	10.99

Lilja, Johan (SWE) (1995) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2016 Windsprint (Sundsvall, SWE)** *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.18			7.02					10.90	10.90	7 / 4		
reaction time		interval					2.84					3.88		# of strides	4.18	2.84
wind	0.7 m/s	velocity		7.18			10.56					10.31	9.17	44.0	7.18	10.56

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

date	20-Jul-14	time		4.12			6.92		8.78			10.68	10.68	6 / 3		
reaction time		interval					2.80		1.86			1.90	PB	# of strides	4.12	2.80
wind	0.3 m/s	velocity		7.28			10.71		10.75			10.53	9.36	44.0	7.28	10.71

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

date	28-Jul-13	time		4.18			7.03		8.92			10.88	10.88	3 / 3		
reaction time		interval					2.85		1.89			1.96		# of strides	4.18	2.85
wind	1.7 m/s	velocity		7.18			10.53		10.58			10.20	9.19	44.0	7.18	10.53

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

date	17-Jun-12	time		4.26			7.22		9.18			11.23	11.23	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	44.0	7.04	10.14

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

date	31-Jul-11	time	4.28	7.26	9.26	11.31	11.31	5 / 1											
reaction time		interval		2.98	2.00	2.05		# of strides	4.28	2.98									
wind	1.6 m/s	velocity	7.01	10.07	10.00	9.76	8.84		7.01	10.07									

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Lind, Mait (EST) (1975)																	
FINAL - 2006 Estonian National Championships (Tallinn, EST)																	
<i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>																	
date	21-Jul-06	time	4.09		7.20	9.17	11.21	11.21									
reaction time		interval			3.11	1.97	2.04		# of strides	4.09	3.11						
wind	0.6 m/s	velocity	7.33		9.65	10.15	9.80	8.92		7.33	9.65						
Lindberg, Erik (SWE) (1987)																	
C FINAL - 2009 Windsprint (Sundsvall, SWE)																	
<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	25-Jul-09	time	4.13		7.05	9.01	11.06	11.06									
reaction time		interval			2.92	1.96	2.05		# of strides	4.13	2.92						
wind	3.0 m/s	velocity	7.26		10.27	10.20	9.76	9.04		7.26	10.27						
Lindsey, Courtney (USA) (1998)																	
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)																	
<i>Omega Timing (2023) - diamond league race analysis</i>																	
date	21-Jul-23	time	1.92	3.91	4.82	5.71	6.59	7.46	8.35	9.25	10.16	10.16	6 / 7				
reaction time	0.171	interval	1.04	0.95	0.91	0.89	0.88	0.87	0.89	0.90	0.91		# of strides	3.91	2.68	2.66	
wind	0.6 m/s	velocity	5.21	9.62	10.53	10.99	11.24	11.36	11.49	11.24	11.11	10.99	9.84	47.0	7.67	11.19	11.28
Lohmann, Jonas (GER) (1993)																	
FINAL - 2010 German National Youth Championships (Ulm, GER)																	
<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						
reaction time		interval		1.02	0.96		1.87	2.01		2.04		# of strides	4.24	2.83			
wind	0.0 m/s	velocity	6.21	9.80	10.42		10.70	9.95		9.80	8.99		7.08	10.60			
Semi-Final 2 - 2010 German National Youth Championships (Ulm, GER)																	
<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						
reaction time		interval		1.02	0.97		1.91	1.96		2.01		# of strides	4.12	2.88			
wind	0.0 m/s	velocity	6.45	9.80	10.31		10.47	10.20		9.95	9.12		7.28	10.42			
Longa, Ronal (COL) (2004)																	
Heat 7 - 2024 Olympic Games (Paris, FRA)																	
<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
Louis, Marc Brian (SGP) (2002)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)																	
<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
Loutzky, Stéphane (FRA) (1971)																	
Heat 1 - 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	1.94	3.03	4.02	4.96	5.91	6.85				6.85					
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		
Lyles, Noah (USA) (1997)																	
FINAL - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic 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		# 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 Olympic 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 Olympic 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)

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

Omega Timing (2023) - diamond league race analysis

FINAL - 2022 Prefontaine Classic (Eugene, OR)

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			

Omega Timing (2022) - diamond league race analysis

FINAL - 2019 Weltklasse (Zürich, SUI)

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			

Omega Timing (2019) - diamond league race analysis

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

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			

Omega Timing (2019) - diamond league race analysis

Lysne, Torbjørn (NOR) (1990)

C FINAL - 2015 Windsprint (Sundsvall, SWE)																		
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					

(2015) - www.windsprint/Splittider/

B FINAL - 2013 Windsprint (Sundsvall, SWE)

date	28-Jul-13	time		4.20				7.01		8.86		10.77	10.77	1 / 5				
reaction time		interval						2.81		1.85		1.91	PB	# of strides	4.20	2.81		
wind	1.1 m/s	velocity		7.14				10.68		10.81		10.47	9.29		7.14	10.68		

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

C FINAL - 2012 Windsprint (Sundsvall, SWE)

date	17-Jun-12	time		4.18				6.98		8.82		10.70	10.70	/ 1				
reaction time		interval						2.80		1.84		1.88		# of strides	4.18	2.80		
wind	2.8 m/s	velocity		7.18				10.71		10.87		10.64	9.35		7.18	10.71		

(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

D FINAL - 2011 Windsprint (Sundsvall, SWE)

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		

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

Maaroufou, Hachim (COM) (1997)

Heat 6 - 2024 Olympic Games (Paris, FRA)																		
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

Paris 2024 Olympic Games - Results Book (2024)

Prelim 4 - 2024 Olympic Games (Paris, FRA)

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

Paris 2024 Olympic Games - Results Book (2024)

Macháček, Martin (CZE) (1990)

Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)																		
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					

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

Machmour, Chakir (MAR) (1994)

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)																		
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

Omega Timing (2023) - diamond league race analysis

Madonia, Ezio (ITA) (1966)

FINAL - 1991 European Cup (Frankfurt, GER)																		
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		

Federle (2003) - http://www.fgs.uni-halle.de

Maestra, Cecilio (ESP) (1980)

B FINAL 1 - 2001 European Cup (Bremen, GER)																		

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

date	23-Jun-01	time	3.05	4.03	4.97	6.87	8.69	10.62	10.62	/ 5			
reaction time	0.145	interval		0.98	0.94	1.90	1.82	1.93		# of strides	4.03	2.84	
wind	0.6 m/s	velocity	6.56	10.20	10.64	10.53	10.99	10.36	9.42		7.44	10.56	

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Magakwe, Simon (RSA) (1985)			10m														
A FINAL - 2013 Windsprint (Sundsvall, SWE)			<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	
Heat 8 - 2013 Windsprint (Sundsvall, SWE)			<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		
Quarter-Final 2 - 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			6.76		8.61		10.71	10.71	1 / 6			
reaction time	0.146	interval		0.97	0.92			1.85		1.85		2.10		# of strides	3.99	2.77	
wind	0.4 m/s	velocity	6.62	10.31	10.87			10.81		10.81		9.52	9.34	7.52	10.83		
Heat 10 - 2009 IAAF World Championships (Berlin, GER)			<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		
Mahorn, Atlee (CAN) (1965)			10m														
Semi-Final 1 - 1993 IAAF World Championships (Stuttgart, GER)			<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	
Maibuca, Karalo Hepoiteloto (TUV) (199			10m														
Prelim 1 - 2024 Olympic Games (Paris, FRA)			<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	NR PB	# of strides	4.13	2.98	3.13
wind	0.6 m/s	velocity	5.08	8.85	9.71	10.10	10.00	10.10	9.71	9.62	9.43	9.43	8.85	50.5	7.26	10.07	9.58
Malone, Noah (USA) (T12)			10m														
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)			<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
Mancini, Pascal (SUI) (1989)			10m														
B Race - 2023 Athletissima (Lausanne, SUI)			<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	
Marsh, Michael (USA) (1967)			10m														
FINAL - 1996 USA Olympic Trials (Atlanta, GA)			<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			
Mårtensson, Erik (SWE) (1994)			10m														
E FINAL - 2012 Windsprint (Sundsvall, SWE)			<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>														
date	17-Jun-12	time			4.40			7.52		9.64		11.79	11.79	/ 5			
reaction time		interval						3.12		2.12		2.15		# of strides	4.40	3.12	
wind	1.4 m/s	velocity			6.82			9.62		9.43		9.30	8.48	6.82	9.62		
Mårtensson, Jonas (SWE) (1988)			10m														
B FINAL - 2007 Windsprint (Sundsvall, SWE)			<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	/ 4			
reaction time		interval						2.92		1.96		2.07		# of strides	4.11	2.92	
wind	1.1 m/s	velocity			7.30			10.27		10.20		9.66	9.04	7.30	10.27		
Mårtensson, Oskar (SWE) (1997)			10m														
G FINAL - 2014 Windsprint (Sundsvall, SWE)			<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
date	20-Jul-14	time			4.56			7.81		9.98		12.21	12.21	7 / 5			
reaction time		interval						3.25		2.17		2.23		# of strides	4.56	3.25	
wind	1.6 m/s	velocity			6.58			9.23		9.22		8.97	8.19	6.58	9.23		

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Mårtensson, Torbjörn (SWE) (1972)																	
FINAL - 1994 (Tønsberg, NOR)																	
date	20-Jul-94	time		4.09		6.87		8.70		10.61	10.61	1/3					
reaction time		interval				2.78		1.83		1.91		# of strides	4.09	2.78			
wind	1.8 m/s	velocity		7.33		10.79		10.93		10.47	9.43		7.33	10.79			
Marthinussen, Christian (NOR) (1983)																	
B FINAL - 2015 Windsprint (Sundsvall, SWE)																	
date	26-Jul-15	time		4.11		6.91		8.79		10.75	10.75	3/4					
reaction time		interval				2.80		1.88		1.96	PB	# of strides	4.11	2.80			
wind	0.9 m/s	velocity		7.30		10.71		10.64		10.20	9.30		7.30	10.71			
Martin, Rodney (USA) (1982)																	
FINAL - 2008 USA Olympic Trials (Eugene, OR)																	
date	29-Jun-08	time	1.97	3.00	3.95	4.82	5.66	6.53	7.37	8.21	9.07	9.97	9.97	7/5			
reaction time	0.189	interval		1.03	0.95	0.87	0.84	0.87	0.84	0.84	0.86	0.90		# of strides	3.95	2.58	2.54
wind	4.1 m/s	velocity	5.08	9.71	10.53	11.49	11.90	11.49	11.90	11.90	11.63	11.11	10.03	46.0	7.59	11.63	11.81
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)																	
date	29-Jun-08	time	2.02	3.04	4.00	4.87	5.72	6.60	7.46	8.35	9.21	10.08	10.08	3/3			
reaction time		interval		1.02	0.96	0.87	0.85	0.88	0.86	0.89	0.86	0.87		# of strides	4.00	2.60	2.61
wind	2.2 m/s	velocity	4.95	9.80	10.42	11.49	11.76	11.36	11.63	11.24	11.63	11.49	9.92	46.0	7.50	11.54	11.49
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)																	
date	28-Jun-08	time	1.85	2.92	3.94	4.82	5.67	6.52	7.37	8.21	9.07	9.95	9.95	5/2			
reaction time		interval		1.07	1.02	0.88	0.85	0.85	0.85	0.84	0.86	0.88	PB	# of strides	3.94	2.58	2.55
wind	1.6 m/s	velocity	5.41	9.35	9.80	11.36	11.76	11.76	11.76	11.90	11.63	11.36	10.05	45.7	7.61	11.63	11.76
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)																	
date	28-Jun-08	time	2.00	3.02	4.00	4.89	5.76	6.59	7.43	8.28	9.21	10.10	10.10	2/1			
reaction time		interval		1.02	0.98	0.89	0.87	0.83	0.84	0.85	0.93	0.89	PB	# of strides	4.00	2.59	2.62
wind	0.8 m/s	velocity	5.00	9.80	10.20	11.24	11.49	12.05	11.90	11.76	10.75	11.24	9.90		7.50	11.58	11.45
Martina, Churandy (NED) (1984)																	
FINAL - 2022 FBK Games (Hengelo, NED)																	
date	06-Jun-22	time		3.1		5.0		6.9		8.7		10.61	10.61	3/9			
reaction time	0.141	interval				1.90		1.90		1.80		1.91		# of strides			
wind	-0.3 m/s	velocity		6.45		10.53		10.53		11.11		10.47	9.43	46.5			
Martina, Churandy (AHO) (1984)																	
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)																	
date	15-Aug-09	time		3.10	4.06	4.97		6.74		8.44		10.19	10.19	8/4			
reaction time	0.205	interval			0.96	0.91		1.77		1.70		1.75		# of strides	4.06	2.68	
wind	0.1 m/s	velocity		6.45	10.42	10.99		11.30		11.76		11.43	9.81		7.39	11.19	
Heat 8 - 2009 IAAF World Championships (Berlin, GER)																	
date	15-Aug-09	time		3.06	4.02	4.94		6.73		8.47		10.26	10.26	7/3			
reaction time	0.151	interval			0.96	0.92		1.79		1.74		1.79		# of strides	4.02	2.71	
wind	0.0 m/s	velocity		6.54	10.42	10.87		11.17		11.49		11.17	9.75		7.46	11.07	
FINAL - 2008 Olympic Games (Beijing, CHN)																	
date	16-Aug-08	time			3.92		6.53		8.23		9.93	9.93	9/4				
reaction time	0.169	interval					2.61		1.70		1.70	NR PB	# of strides	3.92	2.61		
wind	0.0 m/s	velocity			7.65		11.48		11.79		11.76	10.07	46.5	7.65	11.48		
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)																	
date	22-Sep-07	time		3.05	4.00	4.91		6.69		8.45		10.23	10.23	3/6			
reaction time	0.151	interval			0.95	0.91		1.78		1.76		1.78		# of strides	4.00	2.69	
wind	-0.3 m/s	velocity		6.56	10.53	10.99		11.24		11.36		11.24	9.78		7.50	11.15	
FINAL - 2007 IAAF World Championships (Osaka, JPN)																	
date	26-Aug-07	time	2.07	3.10	4.04	4.92	5.79	6.64	7.50	8.35	9.21	10.08	10.08	8/5			
reaction time	0.180	interval		1.03	0.94	0.88	0.87	0.85	0.86	0.85	0.86	0.87		# of strides	4.04	2.60	2.57
wind	-0.5 m/s	velocity	4.83	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	9.92	47.0	7.43	11.54	11.67
Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN)																	
date	26-Aug-07	time	1.97	3.04	3.99	4.90	5.78	6.65	7.51	8.38	9.26	10.15	10.15	6/3			
reaction time	0.182	interval		1.07	0.95	0.91	0.88	0.87	0.86	0.87	0.88	0.89		# of strides	3.99	2.66	2.61
wind	0.1 m/s	velocity	5.08	9.35	10.53	10.99	11.36	11.49	11.63	11.49	11.36	11.24	9.85	47.2	7.52	11.28	11.49
Quarter-Final 3 - 2007 IAAF World Championships (Osaka, JPN)																	
date	25-Aug-07	time	1.96	2.99	3.94	4.84	5.72	6.58	7.45	8.31	9.19	10.10	10.10	4/1			

reaction time	0.141	interval	1.03	0.95	0.90	0.88	0.86	0.87	0.86	0.88	0.91		# of strides	3.94	2.64	2.61	
wind	-0.6 m/s	velocity	5.10	9.71	10.53	11.11	11.36	11.63	11.49	11.63	11.36	10.99	9.90	47.0	7.61	11.36	11.49

Martineau, Eugène (NED) (1980)

	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								

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	4.12	2.89	2.89
wind	0.1 m/s	velocity	5.08	8.85	9.80	10.20	10.42	10.53	10.53	10.42	10.20	10.00	9.17	7.28	10.38	10.38

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 2 - 2023 Japanese Multi-Event National 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	4.13	2.88	2.90
wind	0.1 m/s	velocity	5.05	9.01	9.62	10.31	10.42	10.53	10.42	10.42	10.20	10.10	9.17	7.26	10.42	10.34

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 1 - 2022 Michitaka Kinami Memorial (Osaka, JPN)																
date	30-Apr-22	time	1.98	3.13	4.16	5.15	6.12	7.08	8.04	9.01	10.00	11.01	11.01	9 / 2		
reaction time	0.130	interval	1.15	1.03	0.99	0.97	0.96	0.96	0.97	0.99	1.01		# of strides	4.16	2.92	2.92
wind	-0.2 m/s	velocity	5.05	8.70	9.71	10.10	10.31	10.42	10.42	10.31	10.10	9.90	9.08	7.21	10.27	10.27

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
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	4.13	2.92	2.90
wind	0.0 m/s	velocity	5.08	8.85	9.71	10.10	10.31	10.42	10.42	10.31	10.31	10.10	9.14	7.26	10.27	10.34

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)																
date	16-Jun-18	time	1.97	3.08	4.10	5.07	6.01	6.96	7.90	8.85	9.82	10.80	10.80	2 / 3		
reaction time		interval	1.11	1.02	0.97	0.94	0.95	0.94	0.95	0.97	0.98	PB	# of strides	4.10	2.86	2.86
wind	1.4 m/s	velocity	5.08	9.01	9.80	10.31	10.64	10.53	10.64	10.53	10.31	10.20	9.26	7.32	10.49	10.49

Maslák, Pavel (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)																
date	15-Jun-13	time	1.96	3.00	3.99	4.91	5.82	6.70	7.59	8.50	9.42	10.36	10.36	3 / 2		
reaction time	0.156	interval	1.04	0.99	0.92	0.91	0.88	0.89	0.91	0.92	0.94	PB	# of strides	3.99	2.71	2.72
wind	0.8 m/s	velocity	5.10	9.62	10.10	10.87	10.99	11.36	11.24	10.99	10.87	10.64	9.65	7.52	11.07	11.03

	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)																
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								

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)																
date	25-Feb-12	time	1.91	3.03	4.00	4.93	5.85	6.77			6.77	5 / 2				
reaction time	0.145	interval	1.12	0.97	0.93	0.92	0.92		# of strides		8.86		4.00	2.77		
		velocity	5.24	8.93	10.31	10.75	10.87	10.87					7.50	10.83		

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																
date	25-Feb-12	time	1.93	3.03	4.05	4.97	5.89	6.82			6.82	4 / 1				
reaction time	0.143	interval	1.10	1.02	0.92	0.92	0.93		# of strides		8.80		4.05	2.77		
		velocity	5.18	9.09	9.80	10.87	10.87	10.75					7.41	10.83		

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																
date	25-Feb-12	time	1.95	3.09	4.05	4.98	5.91	6.84			6.84	5 / 1				
reaction time	0.162	interval	1.14	0.96	0.93	0.93	0.93		# of strides		8.77		4.05	2.79		
		velocity	5.13	8.77	10.42	10.75	10.75	10.75					7.41	10.75		

Masuda, Kengo (JPN) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)																
date	30-Jul-15	time	4.02	4.97	5.97	6.89	7.83	8.77	9.75	10.73	10.73	10.73	10.73	7		
reaction time		interval	0.95	1.00	0.92	0.94	0.94	0.98	0.98				# of strides	4.02	2.87	2.86
wind	-0.8 m/s	velocity	7.46	10.53	10.00	10.87	10.64	10.64	10.20	10.20	9.32			7.46	10.45	10.49

Maswanganyi, Shaun (RSA) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)																	
date	04-Aug-24	time	1.90	2.94	3.88	4.77	5.65	6.51	7.39	8.26	9.14	10.02	10.02	9 / 5			
reaction time	0.150	interval	1.04	0.94	0.89	0.88	0.86	0.88	0.87	0.88	0.88		# of strides	3.88	2.63	2.63	
wind	0.7 m/s	velocity	5.26	9.62	10.64	11.24	11.36	11.63	11.36	11.49	11.36	11.36	9.98	42.7	7.73	11.41	11.41

Heat 3 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	1.89	2.94	3.88	4.76	5.63	6.49	7.38	8.27	9.16	10.06	10.06	4 / 3				
reaction time	0.142	interval		1.05	0.94	0.88	0.87	0.86	0.89	0.89	0.89	0.90		# of strides	3.88	2.61	2.67	
wind	-0.2 m/s	velocity	5.29	9.52	10.64	11.36	11.49	11.63	11.24	11.24	11.24	11.11	9.94	42.2	7.73	11.49	11.24	
Masztak, Kamil (POL) (1984) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2007 Windsprint (Sundsvall, SWE)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time		4.01				6.79		8.63		10.54	10.54	/ 2				
reaction time		interval						2.78		1.84		1.91		# of strides	4.01	2.78		
wind	1.4 m/s	velocity		7.48				10.79		10.87		10.47	9.49		7.48	10.79		
Matadi, Emmanuel (LBR) (1991) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	04-Aug-24	time	1.93	2.99	3.94	4.85	5.73	6.62	7.50	8.39	9.28	10.18	10.18	2 / 8				
reaction time	0.143	interval		1.06	0.95	0.91	0.88	0.89	0.88	0.89	0.89	0.90		# of strides	3.94	2.68	2.66	
wind	0.0 m/s	velocity	5.18	9.43	10.53	10.99	11.36	11.24	11.36	11.24	11.24	11.11	9.82	45.0	7.61	11.19	11.28	
Heat 7 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	1.93	2.99	3.92	4.81	5.69	6.56	7.42	8.29	9.19	10.08	10.08	4 / 4				
reaction time	0.157	interval		1.06	0.93	0.89	0.88	0.87	0.86	0.87	0.90	0.89		# of strides	3.92	2.64	2.63	
wind	0.3 m/s	velocity	5.18	9.43	10.75	11.24	11.36	11.49	11.63	11.49	11.11	11.24	9.92	44.2	7.65	11.36	11.41	
FINAL - 2021 Golden Gala Pietro Mennea (Florence, ITA)														<i>Omega Timing (2021) - diamond league race analysis</i>				
date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.16	10.16	7 / 3				
reaction time	0.146	interval				1.90		1.70		1.80		1.76		# of strides				
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		11.36	9.84	46.2				
Mathis, Jerry (USA) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)														<i>USATF Women's Sprint Development (2003)</i>				
date	22-Jun-03	time	2.04	3.22	4.24	5.21	6.14	7.04	7.96	8.89	9.83	10.78	10.78	9 / 7				
reaction time		interval		1.18	1.02	0.97	0.93	0.90	0.92	0.93	0.94	0.95		# of strides	4.24	2.80	2.79	
wind	0.0 m/s	velocity	4.90	8.47	9.80	10.31	10.75	11.11	10.87	10.75	10.64	10.53	9.28		7.08	10.71	10.75	
Matsenjwa, Sibusiso (SWZ) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Heat 1 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	2.04	3.14	4.10	5.02	5.91	6.80	7.70	8.59	9.51	10.39	10.39	7 / 8				
reaction time	0.172	interval		1.10	0.96	0.92	0.89	0.89	0.90	0.89	0.92	0.88		# of strides	4.10	2.70	2.71	
wind	0.6 m/s	velocity	4.90	9.09	10.42	10.87	11.24	11.24	11.11	11.24	10.87	11.36	9.62	46.0	7.32	11.11	11.07	
Prelim 2 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	1.97	3.07	4.04	4.97	5.86	6.76	7.66	8.56	9.47	10.39	10.39	4 / 2				
reaction time	0.160	interval		1.10	0.97	0.93	0.89	0.90	0.90	0.90	0.91	0.92		# of strides	4.04	2.72	2.71	
wind	-0.3 m/s	velocity	5.08	9.09	10.31	10.75	11.24	11.11	11.11	11.11	10.99	10.87	9.62	46.0	7.43	11.03	11.07	
Matsubara, Yahiho (JPN) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection																		
date	03-Aug-18	time	1.99	3.11	4.12	5.09	6.06	7.04	8.07	9.17	10.39	11.82	11.82	9 / 8				
reaction time		interval		1.12	1.01	0.97	0.97	0.98	1.03	1.10	1.22	1.43		# of strides	4.12	2.92	3.35	
wind	-0.3 m/s	velocity	5.03	8.93	9.90	10.31	10.31	10.20	9.71	9.09	8.20	6.99	8.46		7.28	10.27	8.96	
Matsuo, Ryuga (JPN) (1998) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)														<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			
Matsuo, Takamasa (JPN) (1998) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2016 Japanese High School Championships (Okayama, JPN)														<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		
Mayhugh, Nicholas (USA) (1995) (T38) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)														<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	
Mbandjock, Martial (FRA) (1985) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)														<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

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

date	15-Aug-09	time	3.06	4.02	4.93	6.72	8.44	10.22	10.22	5 / 3	
reaction time	0.150	interval	0.96	0.91	1.79	1.72	1.78	# of strides	4.02	2.70	
wind	-0.7 m/s	velocity	6.54	10.42	10.99	11.17	11.63	11.24	9.78	7.46	11.11

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

date	15-Aug-09	time	3.08	4.03	4.94	6.73	8.48	10.28	10.28	8 / 1	
reaction time	0.156	interval	0.95	0.91	1.79	1.75	1.80	# of strides	4.03	2.70	
wind	-0.4 m/s	velocity	6.49	10.53	10.99	11.17	11.43	11.11	9.73	7.44	11.11

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

date	14-Jun-09	time	3.06	4.01	4.92	6.68	8.44	10.22	10.22	/ 6	
reaction time	0.151	interval	0.95	0.91	1.76	1.76	1.78	# of strides	4.01	2.67	
wind	1.4 m/s	velocity	6.54	10.53	10.99	11.36	11.36	11.24	9.78	7.48	11.24

McCoy, Wanya (RAH) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 6** - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	2.99	3.96	4.86	5.76	6.63	7.55	8.44	9.33	10.24	10.24	2 / 5			
reaction time	0.157	interval	1.02	0.97	0.90	0.90	0.87	0.92	0.89	0.89	0.91	# of strides	3.96	2.67	2.70		
wind	-1.1 m/s	velocity	5.08	9.80	10.31	11.11	11.11	11.49	10.87	11.24	11.24	10.99	9.77	43.2	7.58	11.24	11.11

McDaniel, Otis (USA) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL** - 2005 USATF National Junior Championships (Carson, CA)*USATF Women's Sprint Development (2005)*

date	23-Jun-05	time	2.05	3.16	4.19	5.17	6.16	7.11	8.03	9.00	10.03	11.11	11.11	7 / 9		
reaction time		interval	1.11	1.03	0.98	0.99	0.95	0.92	0.97	1.03	1.08	# of strides	4.19	2.92	2.92	
wind	-0.4 m/s	velocity	4.88	9.01	9.71	10.20	10.10	10.53	10.87	10.31	9.71	9.26	9.00	7.16	10.27	10.27

McKenzie, Gordon (USA) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL** - 2006 USATF National Junior Championships (Indianapolis, IN)*USATF Women's Sprint Development (2006)*

date	22-Jun-06	time	1.97	3.02	3.99	4.89	5.76	6.64	7.54	8.44	9.40	10.30	10.30	7 / 2		
reaction time		interval	1.05	0.97	0.90	0.87	0.88	0.90	0.90	0.96	0.90	PB	# of strides	3.99	2.65	2.76
wind	1.5 m/s	velocity	5.08	9.52	10.31	11.11	11.49	11.36	11.11	11.11	10.42	11.11	9.71	7.52	11.32	10.87

McRae, Lee (USA) (1966)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL** - 1987 IAAF World Championships (Rome, ITA)*Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters*

date	30-Aug-87	time	1.92	2.98	3.94	4.87	5.77	6.66	7.58	8.50	9.42	10.34	10.34	7 / 7 6			
reaction time	0.225	interval	1.06	0.96	0.93	0.90	0.89	0.92	0.92	0.92	0.92	0.92	# of strides	3.94	2.72	2.76	
wind	1.0 m/s	velocity	5.21	9.43	10.42	10.75	11.11	11.24	10.87	10.87	10.87	10.87	9.67	46.6	7.61	11.03	10.87

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

date	30-Aug-87	time	3.95	6.69	10.37	10.37	3 / 4 3		
reaction time		interval	2.74	3.68	# of strides	3.95	2.74		
wind	-0.3 m/s	velocity	7.59	10.95	10.87	9.64	48.0	7.59	10.95

Quarter-Final 3 - 1987 IAAF World Championships (Rome, ITA)*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

date	29-Aug-87	time	3.89	6.59	10.21	10.21	3 / 2		
reaction time		interval	2.70	3.62	# of strides	3.89	2.70		
wind	-0.1 m/s	velocity	7.71	11.11	11.05	9.79	47.5	7.71	11.11

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

date	29-Aug-87	time	3.92	6.67	10.34	10.34	/ 4	
reaction time		interval	2.75	3.67	# of strides	3.92	2.75	
wind	1.3 m/s	velocity	7.65	10.91	10.90	9.67	7.65	10.91

Meerits, Teet (EST) (1989)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL** - 2006 Estonian National Championships (Tallinn, EST)*Misjuk (2011) - running velocity dynamics in 100m sprint*

date	21-Jul-06	time	4.06	7.07	9.00	11.00	11.00	/ 4	
reaction time		interval	3.01	1.93	2.00	# of strides	4.06	3.01	
wind	0.6 m/s	velocity	7.39	9.97	10.36	10.00	9.09	7.39	9.97

Meité, Ben Youssef (CIV) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 4** - 2009 IAAF World Championships (Berlin, GER)*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.04	4.00	4.92	6.75	8.55	10.41	10.41	8 / 4	
reaction time	0.163	interval	0.96	0.92	1.83	1.80	1.86	# of strides	4.00	2.75	
wind	-0.1 m/s	velocity	6.58	10.42	10.87	10.93	11.11	10.75	9.61	7.50	10.91

Meité, Ibrahim (CIV) (1976)**10m 20m 30m 40m 50m 60m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL** - 1996 International French Championships (Bercy, FRA)*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.89	2.94	3.90	4.81	5.70	6.61	6.61	/ 1
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Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	06-Aug-10	time	3.16	4.16	5.11	7.00	8.93	10.90	10.90											
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						

Miller, Coby (USA) (1976)

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

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	11-Jul-04	time	1.96	2.97	3.90	4.78	5.62	6.50	7.35	8.20	9.08	9.99	9.99							
reaction time	0.152	interval		1.01	0.93	0.88	0.84	0.88	0.85	0.85	0.88	0.91				# of strides	3.90	2.60	2.58	
wind	0.0 m/s	velocity	5.10	9.90	10.75	11.36	11.90	11.36	11.76	11.76	11.36	10.99	10.01				46.5	7.69	11.54	11.63

Miller, Lennox (JAM) (1946)

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

FINAL - 1972 Olympic Games (Munich, FRG)

Breizer (1984) - sprint competition analysis

date	01-Sep-72	time		4.01		6.67		8.48		10.33		10.33								
reaction time		interval				2.66		1.81		1.85						# of strides	4.01	2.66		
wind	0.3 m/s	velocity		7.48		11.28		11.05		10.81		9.68					46.5	7.48	11.28	

Milo, Lukáš (CZE) (1983)

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

Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)

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

date	15-Jun-13	time		3.06		5.03		6.93		8.90		10.95		10.95						
reaction time	0.124	interval				1.97		1.90		1.97		2.05				# of strides				
wind	-3.2 m/s	velocity		6.54		10.15		10.53		10.15		9.76		9.13						

Minamiyama, Yoshiki (JPN) (1998)

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

FINAL - 2019 National Sports Festival (Hitachinaka, JPN)

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

date	05-Oct-19	time		3.97		5.84						10.54		10.54						
reaction time	0.132	interval				1.87						4.70				# of strides	3.97			
wind	-0.1 m/s	velocity		7.56		3.42						10.64		9.49			50.0	7.56		

Minarik, Pavel (CZE) (1998)

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

Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)

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

date	28-Jun-14	time		3.28		5.47		7.63		9.76		11.99		11.99						
reaction time	0.176	interval				2.19		2.16		2.13		2.23				# of strides				
wind	-3.9 m/s	velocity		6.10		9.13		9.26		9.39		8.97		8.34						

Mitchell, Curtis (USA) (1989)

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

FINAL - 2008 USATF National Junior Championships (Columbus, OH)

USATF Women's Sprint Development with HPC (2008)

date	20-Jun-08	time	2.04	3.10	4.13	5.05	5.93	6.84	7.75	8.65	9.56	10.54		10.54						
reaction time		interval		1.06	1.03	0.92	0.88	0.91	0.91	0.90	0.91	0.98				# of strides	4.13	2.71	2.72	
wind	1.1 m/s	velocity	4.90	9.43	9.71	10.87	11.36	10.99	10.99	11.11	10.99	10.20	9.49				7.26	11.07	11.03	

Mitchell, Dennis (USA) (1966)

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

FINAL - 1996 Olympic Games (Atlanta, GA)

Grosser (2007) - Schnelligkeitsairtraining

date	27-Jul-96	time	1.84	2.87	3.81	4.70	5.57	6.44	7.31	8.18	9.06	9.99		9.99						
reaction time	0.145	interval		1.03	0.94	0.89	0.87	0.87	0.87	0.87	0.88	0.93				# of strides	3.81	2.63	2.62	
wind	0.7 m/s	velocity	5.43	9.71	10.64	11.24	11.49	11.49	11.49	11.49	11.36	10.75	10.01				45.7	7.87	11.41	11.45

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	1.83		3.80		5.53				8.93	9.92		9.92						
reaction time		interval			1.97		1.73				3.40	0.99				# of strides	5 / 1	3.80		
wind	1.1 m/s	velocity	5.46		10.15		11.56				11.76	10.10	10.08					7.89		

FINAL - 1993 IAAF World Championships (Stuttgart, GER)

Stein (1993) - verbesserung der schnelligkeit

date	15-Aug-93	time		3.83		6.46		8.22		9.99		9.99								
reaction time	0.128	interval				2.63		1.76		1.77						# of strides	3.83	2.63		
wind	0.3 m/s	velocity		7.83		11.41		11.36		11.30		10.01					46.2	7.83	11.41	

FINAL - 1992 Olympic Games (Barcelona, ESP)

Arnold (1992) - 1992 Olympic report: 100m men

date	1-Aug-92	time		2.93		4.76		6.52		8.28		10.05		10.04						
reaction time	0.143	interval				1.83		1.76		1.76		1.77				# of strides	4 / 3			
wind	0.5 m/s	velocity		6.83		10.93		11.36		11.36		11.30		9.96			46.2			

FINAL - 1991 IAAF World Championships (Tokyo, JPN)

Ae (1992) - the men's 100m (1991 WC)

date	25-Aug-91	time	1.80	2.87	3.80	4.68	5.55	6.42	7.28	8.14	9.02	9.91		9.91						
reaction time	0.090	interval		1.07	0.93	0.88	0.87	0.87	0.86	0.86	0.88	0.89		PB		# of strides	3.80	2.62	2.60	
wind	1.2 m/s	velocity	5.56	9.35	10.75	11.36	11.49	11.49	11.63	11.63	11.36	11.24	10.09				47.0	7.89	11.45	11.54

FINAL - 1988 Olympic Games (Seoul, KOR)

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

date	24-Sep-88	time	1.92	2.97	3.93	4.83	5.69	6.54	7.41	8.28	9.16	10.04		10.04						
reaction time	0.186	interval		1.05	0.96	0.90	0.86	0.85	0.87	0.87	0.88	0.88				# of strides	3.93	2.61	2.62	
wind	1.1 m/s	velocity	5.21	9.52	10.42	11.11	11.63	11.76	11.49	11.49	11.36	11.36	9.96				45.7	7.63	11.49	11.45

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

date	24-Sep-88	time	1.91	2.95	3.88	4.79	5.70	6.59	7.49	8.40	9.31	10.23	10.23	5 / 2
reaction time		interval		1.04	0.93	0.91	0.91	0.89	0.90	0.91	0.91	0.92		# of strides
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	3.88 2.71 2.72
														7.73 11.07 11.03

Mitchell-Blake, Nethaneel (GBR) (1994)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2022 Commonwealth Games (Birmingham, GBR)*Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.0		5.0		6.8		8.7		11.10	11.10	6 / 8
reaction time		interval				2.00		1.80		1.90		2.40		# of strides
wind	-0.9 m/s	velocity		6.67		10.00		11.11		10.53		8.33	9.01	45.0

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

date	21-May-22	time		2.99		4.87		6.66		8.45		10.31	10.31	9 / 5
reaction time	0.154	interval				1.88		1.79		1.79		1.86		# of strides
wind	-0.2 m/s	velocity		6.69		10.64		11.17		11.17		10.75	9.70	45.2

Mittler, Fabian (GER) (1993)

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

date	07-Aug-10	time		3.21		4.23		5.19				14.62	14.62	1 / 7
reaction time		interval				1.02		0.96				9.43		# of strides
wind	0.0 m/s	velocity		6.23		9.80		10.42				6.36	6.84	4.23
														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
reaction time		interval				1.02		0.97		1.94		1.93		2.01
wind	0.0 m/s	velocity		6.29		9.80		10.31		10.31		10.36		9.95
														9.05
														# of strides
														4.20 2.91
														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
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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	4 / 1
reaction time	0.173	interval		1.09	0.98	0.93	0.92	0.91	0.91	0.92	0.93	0.94		# of strides
wind	0.6 m/s	velocity	5.13	9.17	10.20	10.75	10.87	10.99	10.87	10.75	10.64	9.54		47.5
														4.02 2.76 2.76
														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	5 / 1
reaction time	0.160	interval		1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95		# of strides
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
														3.98 2.72 2.74
														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	3 / 2
reaction time	0.146	interval		1.09	0.98	0.93	0.92	0.90	0.91	0.92	0.93	0.94		# of strides
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
														4.00 2.75 2.76
														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
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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	6 / 1
reaction time		interval		1.08	0.97	0.92	0.90	0.88	0.89	0.88	0.90	0.91		# of strides
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
														3.97 2.70 2.67
														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
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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	6 / 2
reaction time	0.137	interval		1.07	0.97	0.92	0.91	0.90	0.91	0.92	0.94	0.96		# of strides
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
														3.94 2.73 2.77
														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	3 / 4
reaction time		interval		1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.95		# of strides
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
														3.91 2.73 2.76
														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	10.51	5 / 1
reaction time	0.122	interval						2.77		2.84	0.98			# of strides
wind	-2.0 m/s	velocity				7.65		10.83		10.56	10.20	9.51		3.92 2.77 2.84
														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	1 / 8
reaction time	0.133	interval		1.06	0.96	0.92	0.90	0.91	0.92	0.93	0.96	0.98		# of strides
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
														3.90 2.73 2.81
														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	1 / 1
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wind 0.2 m/s velocity 5.15 9.90 11.32 11.20 9.82 7.58 11.32

FINAL - 1994 (Tønsberg, NOR)(2007) - www.ssg.se/en/Windsprint/Split-times/

date 20-Jul-94 time 4.01 6.64 8.37 10.17 10.17 / 1
 reaction time interval 2.63 1.73 1.80 **PB** # of strides 4.01 2.63
 wind 1.8 m/s velocity 7.48 11.41 11.56 11.11 9.83 7.48 11.41

Mogstad, Christian Settemkli (NOR) (19 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m)
C FINAL - 2011 Windsprint (Sundsvall, SWE) (2011) - www.ssg.se/en/Windsprint/Split-times/

date 31-Jul-11 time 4.07 6.86 8.70 10.62 10.62 7 / 1
 reaction time interval 2.79 1.84 1.92 # of strides 4.07 2.79
 wind 2.8 m/s velocity 7.37 10.75 10.87 10.42 9.42 7.37 10.75

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

date 25-Jul-09 time 4.05 6.97 8.83 10.76 10.76 / 7
 reaction time interval 2.92 1.86 1.93 # of strides 4.05 2.92
 wind 1.0 m/s velocity 7.41 10.27 10.75 10.36 9.29 7.41 10.27

Mohammed, Abdullah Abkar (KSA) (19 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m)
FINAL - 2018 Asian Games (Jakarta, INA) Kobayashi (2018) - *Race analysis results for men 100m in 2018 season*

date 26-Aug-18 time 1.85 2.92 3.88 4.78 5.67 6.54 7.42 8.30 9.19 10.10 10.10 3 / 4
 reaction time 0.112 interval 1.07 0.96 0.90 0.89 0.87 0.88 0.88 0.89 0.91 # of strides 3.88 2.66 2.65
 wind 0.8 m/s velocity 5.41 9.35 10.42 11.11 11.24 11.49 11.36 11.36 11.24 10.99 9.90 44.7 7.73 11.28 11.32

Money, Daniel (GBR) (1976) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m)
B FINAL 1 - 2001 European Cup (Bremen, GER) Graubner (2007) - <http://www.fgs.uni-halle.de>

date 23-Jun-01 time 2.99 3.97 4.91 6.76 8.60 10.51 10.51 / 2
 reaction time 0.114 interval 0.98 0.94 1.85 1.84 1.91 # of strides 3.97 2.79
 wind 0.6 m/s velocity 6.69 10.20 10.64 10.81 10.87 10.47 9.51 7.56 10.75

Montgomery, Tim (USA) (1975) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m)
FINAL - 2004 USA Olympic Trials (Sacramento, CA) USATF Women's Sprint Development (2004)

date 11-Jul-04 time 1.98 3.00 3.97 4.84 5.71 6.61 7.45 8.32 9.21 10.13 10.13 1 / 7
 reaction time 0.188 interval 1.02 0.97 0.87 0.87 0.90 0.84 0.87 0.89 0.92 **DV** # of strides 3.97 2.64 2.60
 wind 0.0 m/s velocity 5.05 9.80 10.31 11.49 11.49 11.11 11.90 11.49 11.24 10.87 9.87 48.0 7.56 11.36 11.54

FINAL - 2003 USATF National Championships (Palo Alto, CA)

USATF Women's Sprint Development (2003)

date 20-Jun-03 time 1.97 3.07 4.02 4.92 5.81 6.67 7.52 8.41 9.28 10.15 10.15 6 / 2
 reaction time interval 1.10 0.95 0.90 0.89 0.86 0.85 0.89 0.87 0.87 **DV** # of strides 4.02 2.65 2.61
 wind 1.6 m/s velocity 5.08 9.09 10.53 11.11 11.24 11.63 11.76 11.24 11.49 11.49 9.85 7.46 11.32 11.49

FINAL - 2002 IAAF Grand Prix Final (Paris, FRA)Lee (2008) - *Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)*

date 14-Sep-02 time 1.89 2.92 3.83 4.70 5.54 6.37 7.21 8.05 8.90 9.78 9.78 / 4
 reaction time 0.104 interval 1.03 0.91 0.87 0.84 0.83 0.84 0.84 0.85 0.88 **-WR- DV** # of strides 3.83 2.54 2.53
 wind 2.0 m/s velocity 5.29 9.71 10.99 11.49 11.90 12.05 11.90 11.90 11.76 11.36 10.22 49.0 7.83 11.81 11.86

FINAL - 2001 IAAF World Championships (Edmonton, CAN)Veney - *split times from PJ*

date 05-Aug-01 time 1.86 2.88 3.83 4.73 5.59 6.44 7.28 8.13 8.98 9.85 9.85 3 / 2
 reaction time 0.157 interval 1.02 0.95 0.90 0.86 0.85 0.84 0.85 0.85 0.87 **DV** # of strides 3.83 2.61 2.54
 wind -0.2 m/s velocity 5.38 9.80 10.53 11.11 11.63 11.76 11.90 11.76 11.76 11.49 10.15 48.2 7.83 11.49 11.81

FINAL - 2000 ISTAF (Berlin, GER)Graubner (2009) - <http://www.fgs.uni-halle.de>

date 01-Sep-00 time 2.93 3.87 4.77 6.52 10.01 10.01 / 3
 reaction time 0.162 interval 0.94 0.90 1.75 3.49 # of strides 3.87 2.65
 wind -0.2 m/s velocity 6.83 10.64 11.11 11.43 11.46 9.99 7.75 11.32

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

date 22-Aug-99 time 1.76 2.80 3.73 4.62 5.51 6.37 7.24 8.12 9.01 9.90 10.04 8 / 6
 reaction time 0.136 interval 1.04 0.93 0.89 0.89 0.86 0.87 0.88 0.89 0.89 # of strides 3.73 2.64 2.64
 wind 0.2 m/s velocity 5.68 9.62 10.75 11.24 11.24 11.63 11.49 11.36 11.24 11.24 9.96 8.04 11.36 11.36

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

date 03-Aug-97 time 1.73 2.76 3.69 4.57 5.43 6.29 7.15 8.02 8.90 9.80 9.94 7 / 3
 reaction time 0.134 interval 1.03 0.93 0.88 0.86 0.86 0.86 0.87 0.88 0.90 # of strides 3.69 2.60 2.61
 wind 0.2 m/s velocity 5.78 9.71 10.75 11.36 11.63 11.63 11.63 11.49 11.36 11.11 10.06 47.9 8.13 11.54 11.49

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date 15-Jun-96 time 1.93 3.91 5.66 9.20 10.12 10.12 1 / 7
 reaction time interval 1.98 1.75 3.54 0.92 # of strides 3.91
 wind 1.1 m/s velocity 5.18 10.10 11.43 11.30 10.87 9.88 7.67

Moore, Carlos (USA) (1984) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m)

Heat 6 - 2009 IAAF World Championships (Berlin, GER)

date	15-Aug-09	time	3.01	3.99	4.92	6.70	8.64	10.58	10.58	1 / 4		
reaction time	0.141	interval		0.98	0.93	1.78	1.94	1.94		# of strides	3.99	2.71
wind	-0.8 m/s	velocity	6.64	10.20	10.75	11.24	10.31	10.31	9.45		7.52	11.07

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***Motoshio, Ryo (JPN) (1990)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 2 - 2012 Kokutai National Sport Festival (Gifu, JPN)	<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																
date	06-Oct-12	time	1.91	2.97	3.92	4.84	5.74	6.64	7.54	8.45	9.37	10.31	10.31	4 / 1			
reaction time		interval		1.06	0.95	0.92	0.90	0.90	0.90	0.91	0.92	0.94	PB	# of strides	3.92	2.72	2.73
wind	1.4 m/s	velocity	5.24	9.43	10.53	10.87	11.11	11.11	11.11	10.99	10.87	10.64	9.70	45.2	7.65	11.03	10.99

FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)

	<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>																
date	30-Jul-08	time	1.98	3.03	3.99	4.92	5.83	6.74	7.67	8.60	9.53	10.49	10.49	/ 1			
reaction time		interval		1.05	0.96	0.93	0.91	0.91	0.93	0.93	0.93	0.96		# of strides	3.99	2.75	2.79
wind	-0.1 m/s	velocity	10.10	9.52	10.42	10.75	10.99	10.99	10.75	10.75	10.75	10.42	9.53		7.52	10.91	10.75

Motta, Oskar (SWE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)	<i>(2017) - www.windsprint/Splittider/</i>														
date	30-Jul-17	time		4.27	6.23	7.18	9.11	11.10	11.10	2 / 7					
reaction time		interval			1.96	0.95	1.93	1.99		# of strides	4.27	2.91			
wind	1.5 m/s	velocity		7.03	10.20	10.53	10.36	10.05	9.01		7.03	10.31			

Mouhamadou, Fall (FRA) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2023 Meeting de Paris (Paris, FRA)	<i>Omega Timing (2023) - diamond league race analysis</i>																
date	09-Jun-23	time	1.91	2.98	3.93	4.84	5.73	6.61	7.50	8.39	9.28	10.22	10.22	2 / 8			
reaction time	0.152	interval		1.07	0.95	0.91	0.89	0.88	0.89	0.89	0.89	0.94		# of strides	3.93	2.68	2.67
wind	-0.9 m/s	velocity	5.24	9.35	10.53	10.99	11.24	11.36	11.24	11.24	11.24	10.64	9.78	45.5	7.63	11.19	11.24

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)

	<i>Omega Timing (2023) - diamond league race analysis</i>																
date	28-May-23	time	2.00	3.06	4.01	4.92	5.80	6.69	7.56	8.44	9.33	10.25	10.25	2 / 8			
reaction time	0.136	interval		1.06	0.95	0.91	0.88	0.89	0.87	0.88	0.89	0.92		# of strides	4.01	2.68	2.64
wind	0.1 m/s	velocity	5.00	9.43	10.53	10.99	11.36	11.24	11.49	11.36	11.24	10.87	9.76	46.0	7.48	11.19	11.36

Mouthon, Bastien (SUI) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	07-May-16	time			5.88						10.46	10.46	/ 2		
reaction time		interval									4.58		# of strides		
wind	0.9 m/s	velocity			8.50						10.92	9.56			

Movin, Andreas (SWE) (1996)

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

Mudiyansele, Yupun Abeykoon (SRI)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Weltklasse (Zürich, SUI)	<i>Omega Timing (2021) - diamond league race analysis</i>														
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		43.2			
wind	-0.4 m/s	velocity		6.67	10.53	11.11	11.76	10.81	9.76						

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	10.16	10.16	1 / 4					
reaction time	0.153	interval			1.90	1.70	1.80	1.76		# of strides		43.5			
wind	-0.1 m/s	velocity		6.67	10.53	11.76	11.11	11.36	9.84						

Muhammad, Amir (QAT) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - West Asian Championships - 2024 Seashore Doha Meeting (Doha, QAT)	<i>Omega Timing (2024) - diamond league race analysis</i>																
date	10-May-24	time	2.14	3.26	4.28	5.26	6.22	7.18	8.17	9.17	10.18	11.21	11.21	1 / 5			
reaction time	0.204	interval		1.12	1.02	0.98	0.96	0.96	0.99	1.00	1.01	1.03		# of strides	4.28	2.90	3.00
wind	3.8 m/s	velocity	4.67	8.93	9.80	10.20	10.42	10.42	10.10	10.00	9.90	9.71	8.92		7.01	10.34	10.00

Mukiibi, Simon (SWE) (1990)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2007 Windsprint (Sundsvall, SWE)	<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	24-Jul-07	time		4.29	7.30	9.33	11.44	11.44	/ 3						
reaction time		interval			3.01	2.03	2.11		# of strides	4.29	3.01				
wind	-0.8 m/s	velocity		6.99	9.97	9.85	9.48	8.74		6.99	9.97				

Mulamba, Dominique Lasconi (COD) (2)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 8 - 2024 Olympic Games (Paris, FRA)	<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
date	03-Aug-24	time	1.98	3.06	4.02	4.96	5.88	6.79	7.70	8.62	9.56	10.53	10.53	8 / 7	

reaction time	0.163	interval	1.08	0.96	0.94	0.92	0.91	0.91	0.92	0.94	0.97	DV	# of strides	4.02	2.77	2.77	
wind	0.2 m/s	velocity	5.05	9.26	10.42	10.64	10.87	10.99	10.99	10.87	10.64	10.31	9.50	47.0	7.46	10.83	10.83

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

date	03-Aug-24	time	1.98	3.07	4.06	5.00	5.92	6.83	7.74	8.66	9.58	10.54	10.54	5 / 3			
reaction time	0.158	interval	1.09	0.99	0.94	0.92	0.91	0.91	0.92	0.92	0.96	DV	# of strides	4.06	2.77	2.75	
wind	-0.4 m/s	velocity	5.05	9.17	10.10	10.64	10.87	10.99	10.99	10.87	10.87	10.42	9.49	47.0	7.39	10.83	10.91

Müller, Norman (GER) (1985)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Decathlon - Heat 4 - 2009 IAAF World Championships (Berlin, GER)** *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time	3.13	5.13	7.07	8.99	11.01	11.01	7 / 4			
reaction time	0.131	interval	2.00	1.94	1.92	2.02	2.02	# of strides				
wind	0.0 m/s	velocity	6.39	10.00	10.31	10.42	9.90	9.08				

Muravyov, Vyacheslav (KAZ) (1982)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2008 Asian Indoor Championships (Doha, QAT)** *Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*

date	14-Feb-08	time	1.97	3.08	4.04	4.97	5.88	6.79	6.79	3 / 3		
reaction time		interval	1.11	0.96	0.93	0.91	0.91	# of strides	4.04	2.75		
wind		velocity	5.08	9.01	10.42	10.75	10.99	10.99	8.84	7.43	10.91	

Murdock, Justin (USA) (1989)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2008 USATF National Junior Championships (Columbus, OH)** *USATF Women's Sprint Development with HPC (2008)*

date	20-Jun-08	time	1.97	3.05	3.97	4.91	5.80	6.70	7.62	8.54	9.50	10.45	10.45	2 / 5			
reaction time		interval	1.08	0.92	0.94	0.89	0.90	0.92	0.92	0.96	0.95	PB	# of strides	3.97	2.73	2.80	
wind	1.1 m/s	velocity	5.08	9.26	10.87	10.64	11.24	11.11	10.87	10.87	10.42	10.53	9.57	7.56	10.99	10.71	

Musil, Jan (CZE) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)** *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	3.32	5.42	7.49	9.56	11.73	11.73	7 / 5			
reaction time	0.158	interval	2.10	2.07	2.07	2.17	2.17	# of strides				
wind	-4.2 m/s	velocity	6.02	9.52	9.66	9.66	9.22	8.53				

Muzrapov, Favoris (TJK) (1998)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Prelim 3 - 2024 Olympic Games (Paris, FRA)** *Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.93	3.01	3.98	4.91	5.83	6.75	7.69	8.64	9.60	10.60	10.60	4 / 3			
reaction time	0.142	interval	1.08	0.97	0.93	0.92	0.92	0.94	0.95	0.96	1.00	# of strides	3.98	2.77	2.85		
wind	0.1 m/s	velocity	5.18	9.26	10.31	10.75	10.87	10.87	10.64	10.53	10.42	10.00	9.43	50.7	7.54	10.83	10.53

Myers, Brandon (USA) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)** *USATF Women's Sprint Development (2006)*

date	22-Jun-06	time	2.00	3.07	4.04	4.96	5.89	6.76	7.66	8.56	9.51	10.46	10.46	1 / 5			
reaction time		interval	1.07	0.97	0.92	0.93	0.87	0.90	0.90	0.95	0.95	PB	# of strides	4.04	2.72	2.75	
wind	1.5 m/s	velocity	5.00	9.35	10.31	10.87	10.75	11.49	11.11	11.11	10.53	10.53	9.56	7.43	11.03	10.91	

Myles-Mills, John (GHA) (1966)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)** *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	24-Sep-88	time	2.01	3.06	4.01	4.91	5.81	6.71	7.63	8.56	9.49	10.43	10.43	6 / 8			
reaction time		interval	1.05	0.95	0.90	0.90	0.90	0.92	0.93	0.93	0.94	# of strides	4.01	2.70	2.78		
wind	0.6 m/s	velocity	4.98	9.52	10.53	11.11	11.11	11.11	10.87	10.75	10.75	10.64	9.59	7.48	11.11	10.79	

Nabe, Cédric (SUI) (1983)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 12 - 2009 IAAF World Championships (Berlin, GER)** *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	3.01	3.98	4.90	6.75	8.61	10.51	10.51	6 / 5		
reaction time	0.118	interval	0.97	0.92	1.85	1.86	1.90	# of strides	3.98	2.77		
wind	-0.4 m/s	velocity	6.64	10.31	10.87	10.81	10.75	10.53	9.51	7.54	10.83	

Naganuma, Kenji (JPN) (1993)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)** *Koyama (2014) - research on athlete performance and technique- 2014 data book*

date	29-Apr-14	time	1.99	3.09	4.08	5.04	5.97	6.90	7.84	8.78	9.74	10.71	10.71	5 / 6			
reaction time		interval	1.10	0.99	0.96	0.93	0.93	0.94	0.94	0.96	0.97	# of strides	4.08	2.82	2.84		
wind	2.3 m/s	velocity	5.03	9.09	10.10	10.42	10.75	10.75	10.64	10.64	10.42	10.31	9.34	48.0	7.35	10.64	10.56

Nagasawa, Shun (JPN) (1985)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)** *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	28-Jun-09	time	1.92	2.99	3.95	4.88	5.77	6.67	7.57	8.48	9.40	10.34	10.34	5 / 3			
reaction time		interval	1.07	0.96	0.93	0.89	0.90	0.90	0.91	0.92	0.94	# of strides	3.95	2.72	2.73		
wind	2.4 m/s	velocity	5.21	9.35	10.42	10.75	11.24	11.11	11.11	10.99	10.87	10.64	9.67	7.59	11.03	10.99	

Nagata, Shunto (JPN) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2019 National Sports Festival (Hitachinaka, JPN)** *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	05-Oct-19	time	3.96	5.81	10.52	10.52	2 / 4			
reaction time	0.138	interval	1.85	4.71	# of strides	3.96				

wind -0.1 m/s velocity 7.58 3.44 10.62 9.51 50.5 7.58

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nagata, Takuya (JPN) (1994)																	
Semi-Final 1 - 2017 Japanese National Sports Festival (Matsuyama, JPN)		<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	/ 2			
reaction time	0.147	interval	1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.96			# of strides	3.95	2.72	2.74
wind	0.5 m/s	velocity	5.26	9.26	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.42	9.64	47.8	7.59	11.03	10.95
Nakamura, Akihiko (JPN) (1990)																	
Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championships (Akita, JPN)		<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	10.20	10.10	9.90	9.12			7.28	10.34	10.24
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-02	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	10.31	10.20	10.00	9.80	9.15			7.37	10.38	10.17
Decathlon - Heat 2 - 2022 Michitaka Kinami Memorial (Osaka, JPN)		<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>															
date	30-Apr-22	time	1.97	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	10.10	9.80	9.71	9.04			7.28	10.24	10.07
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	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	10.00	9.80	9.07			7.28	10.27	10.14
Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN)		<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
Decathlon - Heat 3 - 2018 Japanese National Multi-Event Championships (Nagano, JPN)		<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	0.98	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	10.20	10.10	9.27			7.37	10.53	10.42
Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)		<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
Decathlon - Heat 3 - 2016 Japanese National Multi-Event Championships (Nagano, JPN)		<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
Decathlon - Heat 1 - 2016 Wakayama Grand Prix (Wakayama, JPN)		<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
Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN)		<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
Decathlon - Heat 1 - 2015 Wakayama Grand Prix (Wakayama, JPN)		<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
Decathlon - Heat 2 - 2014 Asian Games (Incheon, KOR)		<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	PB		# of strides	4.03	2.80	2.85
wind	1.7 m/s	velocity	5.10	9.17	10.20	10.64	10.64	10.87	10.64	10.53	10.42	10.20	9.38		7.44	10.71	10.53
Decathlon - Heat 1 - 2014 Japanese Multi-Event National Championships (Nagano, JPN)		<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	
Decathlon - Heat 1 - 2014 Nittai University Distance Meeting (Wakayama, JPN)													<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	PB	# of strides	4.02	2.81	2.86
wind	1.6 m/s	velocity	5.10	9.26	10.20	10.64	10.75	10.64	10.64	10.53	10.31	10.00	9.35	7.46	10.68	10.49	
Decathlon - Heat 1 - 2013 Japanese Multi-Event National Championships (Nagano, JPN)													<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	
Decathlon - Heat 1 - 2013 Wakayama Athletics Meeting (Wakayama, JPN)													<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	
Decathlon - Heat 1 - 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	
Decathlon - Heat ?? - 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	
Decathlon - Heat ?? - 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	
Decathlon - Heat ?? - 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	
Decathlon - Heat 2 - 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	
Nakamura, Shota (JPN) (2001)																	
FINAL - 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
Heat 2 - 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
U20 FINAL - 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		
FINAL - 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
Nakamura, Syota (JPN) (2001)																	
FINAL - 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
Nakawaki Yuya (JPN) (1998)																	
FINAL - 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	0.97	0.97	1.99		# of strides	4.05	2.91					
wind	3.0 m/s	velocity		6.76	9.17	10.00	10.42	10.53	10.31	10.31	10.05	9.18		7.41	10.31				
Nakayama, Tomoki (JPN) (2004)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																			
date	04-Oct-19	time		4.18		6.20					11.30	11.30		8 / 8					
reaction time	0.167	interval			2.02					5.10			# of strides	4.18					
wind	-1.1 m/s	velocity		7.18	3.23					9.80	8.85			7.18					
Nakayama, Yasushi (JPN) (1992)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)																			
date	30-Jul-10	time	1.87	2.94	4.90	5.84	6.79	7.74	8.72	9.69	10.69	10.69		6 / 2					
reaction time		interval		1.07	1.96	0.94	0.95	0.95	0.98	0.97	1.00		# of strides						2.90
wind	-2.1 m/s	velocity	5.35	9.35	10.20	10.64	10.53	10.53	10.20	10.31	10.00	9.35							10.34
Nakazawa, Yuya (JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)																			
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				
Naaki, Koja (JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 2007 Japanese National High School Championships (Saga, JPN)																			
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			
Naaki, Masafumi (JPN) (1993)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 2019 Fuse Sprint (Tottori, JPN)																			
date	02-Jun-19	time	1.87	2.96	3.93	4.86	5.77	6.67	7.58	8.49	9.43	10.39	10.39		4 / 3				
reaction time	0.112	interval		1.09	0.97	0.93	0.91	0.90	0.91	0.91	0.94	0.96	PB	# of strides	3.93	2.74	2.76		
wind	0.1 m/s	velocity	5.35	9.17	10.31	10.75	10.99	11.11	10.99	10.99	10.64	10.42	9.62		7.63	10.95	10.87		
Race 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)																			
date	29-Apr-14	time	1.96	3.04	4.00	4.93	5.84	6.73	7.63	8.54	9.46	10.40	10.40		3 / 1				
reaction time		interval		1.08	0.96	0.93	0.91	0.89	0.90	0.91	0.92	0.94	PB	# of strides	4.00	2.73	2.73		
wind	1.3 m/s	velocity	5.10	9.26	10.42	10.75	10.99	11.24	11.11	10.99	10.87	10.64	9.62		47.0	7.50	10.99	10.99	
Narracott, Paul (AUS) (1959)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 1983 IAAF World Championships (Helsinki, FIN)																			
date	08-Aug-83	time	2.90		4.85	5.77	6.65	7.54	8.44		10.33	10.33		6 / 7					
reaction time	0.140	interval			1.95	0.92	0.88	0.89	0.90		1.89		# of strides		6.65				
wind	-0.3 m/s	velocity	6.90		10.26	10.87	11.36	11.24	11.11		10.58	9.68		47.7	4.51				
Nashimoto, Masaki (JPN) (1993)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Race B - 2014 Izumo Athletics Games (Izumo, JPN)																			
date	20-Apr-14	time	1.98	3.05	4.02	4.95	5.87	6.78	7.70	8.63	9.58	10.56	10.56		1 / 5				
reaction time		interval		1.07	0.97	0.93	0.92	0.91	0.92	0.93	0.95	0.98		# of strides	4.02	2.76	2.80		
wind	0.6 m/s	velocity	5.05	9.35	10.31	10.75	10.87	10.99	10.87	10.75	10.53	10.20	9.47		53.0	7.46	10.87	10.71	
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)																			
date	04-Aug-11	time			5.77	6.67	7.61	8.54	9.50	10.50	10.50			6 / 1					
reaction time		interval				0.90	0.94	0.93	0.96	1.00			# of strides						2.83
wind	-0.5 m/s	velocity				8.67	11.11	10.64	10.75	10.42	10.00	9.52							10.60
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)																			
date	30-Jul-10	time	1.89	2.97	4.94	5.92	6.88	7.87	8.85	9.85	10.88	10.88		7 / 5					
reaction time		interval		1.08	1.97	0.98	0.96	0.99	0.98	1.00	1.03		# of strides						2.97
wind	-2.1 m/s	velocity	5.29	9.26	10.15	10.20	10.42	10.10	10.20	10.00	9.71	9.19							10.10
Näsman, Erik (SWE) (1987)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
G FINAL - 2013 Windsprint (Sundsvall, SWE)																			
date	28-Jul-13	time		4.31		7.29		9.32		11.46	11.46			3 / 4					
reaction time		interval				2.98		2.03		2.14			# of strides	4.31	2.98				
wind	1.9 m/s	velocity		6.96		10.07		9.85		9.35	8.73			6.96	10.07				
F FINAL - 2011 Windsprint (Sundsvall, SWE)																			
date	31-Jul-11	time		4.26		7.25		9.25		11.33	11.33			1 / 2					
reaction time		interval				2.99		2.00		2.08			# of strides	4.26	2.99				
wind	1.6 m/s	velocity		7.04		10.03		10.00		9.62	8.83			7.04	10.03				
E FINAL - 2010 Windsprint (Sundsvall, SWE)																			

date	08-Aug-10	time	4.34	7.40	9.47	11.63	11.63	/ 1						
reaction time		interval		3.06	2.07	2.16		# of strides	4.34	3.06				
wind	1.6 m/s	velocity	6.91	9.80	9.66	9.26	8.60		6.91	9.80				

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

date	25-Jul-09	time	4.30	7.34	9.36	11.50	11.50	/ 1						
reaction time		interval		3.04	2.02	2.14		# of strides	4.30	3.04				
wind	0.9 m/s	velocity	6.98	9.87	9.90	9.35	8.70		6.98	9.87				

Németh, Roland (HUN) (1974)

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

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

date	07-Aug-02	time	2.98	3.95	4.87	6.66	8.45	10.27	10.27	/ 4-3				
reaction time	0.140	interval		0.97	0.92	1.79	1.79	1.82		# of strides	3.95	2.71		
wind	-0.3 m/s	velocity	6.71	10.31	10.87	11.17	11.17	10.99	9.74		7.59	11.07		

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

date	07-Aug-02	time	2.96	3.93	4.86	6.66	8.46	10.32	10.32	/ 4				
reaction time	0.117	interval		0.97	0.93	1.80	1.80	1.86		# of strides	3.93	2.73		
wind	0.1 m/s	velocity	6.76	10.31	10.75	11.11	11.11	10.75	9.69		7.63	10.99		

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

date	06-Aug-02	time	2.97	3.94	4.86	6.66	8.46	10.32	10.32	/ 2				
reaction time	0.120	interval		0.97	0.92	1.80	1.80	1.86		# of strides	3.94	2.72		
wind	-0.6 m/s	velocity	6.73	10.31	10.87	11.11	11.11	10.75	9.69		7.61	11.03		

Heat 5 - 2002 European Championships (Munich, GER)Graubner (2009) - <http://www.fgs.uni-halle.de>

date	06-Aug-02	time	2.97	3.93	4.85	6.63	8.41	10.25	10.25	/ 1				
reaction time	0.128	interval		0.96	0.92	1.78	1.78	1.84		# of strides	3.93	2.70		
wind	1.0 m/s	velocity	6.73	10.42	10.87	11.24	11.24	10.87	9.76		7.63	11.11		

Netymach, Vojtech (CZE) (1995)

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

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

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

date	28-Jun-14	time	1.94	3.01	4.03	5.00	5.96	6.94	7.91	8.91	9.92	10.99	10.99	2 / 1			
reaction time	0.159	interval		1.07	1.02	0.97	0.96	0.98	0.97	1.00	1.01	1.07		# of strides	4.03	2.91	2.98
wind	-3.4 m/s	velocity	5.15	9.35	9.80	10.31	10.42	10.20	10.31	10.00	9.90	9.35	9.10		7.44	10.31	10.07

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

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

date	28-Jun-14	time	3.13	5.09	7.01	9.00	11.17	11.17	3 / 2					
reaction time	0.123	interval		1.96	1.92	1.99	2.17		# of strides					
wind	-2.5 m/s	velocity	6.39	10.20	10.42	10.05	9.22	8.95						

Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)

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

date	15-Jun-13	time	3.01	5.01	6.91	8.90	10.97	10.97	3 / 4					
reaction time	0.142	interval		2.00	1.90	1.99	2.07		# of strides					
wind	-1.2 m/s	velocity	6.64	10.00	10.53	10.05	9.66	9.12						

Nevers, Adolphus (JAM) (1990)

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

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

date	28-Jul-13	time	3.95	6.65	8.48	10.32	10.32	8 / 2						
reaction time		interval		2.70	1.83	1.84		# of strides	3.95	2.70				
wind	1.8 m/s	velocity	7.59	11.11	10.93	10.87	9.69		7.59	11.11				

Nikodem, František (CZE) (1995)

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

Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

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

date	28-Jun-14	time	3.26	5.43	7.53	9.65	11.83	11.83	2 / 4					
reaction time	0.129	interval		2.17	2.10	2.12	2.18		# of strides					
wind	-3.6 m/s	velocity	6.13	9.22	9.52	9.43	9.17	8.45						

Nilsen, Erlend (SWE) (1992)

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

C FINAL - 2016 Windsprint (Sundsvall, SWE)(2016) - www.windsprint/Splittider/

date	31-Jul-16	time	4.31	7.36	9.54	11.54	11.54	4 / 2						
reaction time		interval		3.05	2.18	2.18		# of strides	4.31	3.05				
wind	0.5 m/s	velocity	6.96	9.84	9.57	8.67			6.96	9.84				

Heat 3 - 2016 Windsprint (Sundsvall, SWE)(2016) - www.windsprint/Splittider/

date	31-Jul-16	time	4.33	7.39	9.56	11.56	11.56	4 / 3						
reaction time		interval		3.06	2.17	2.17		# of strides	4.33	3.06				
wind	1.5 m/s	velocity	6.93	9.80	9.59	8.65			6.93	9.80				

Nilsson, Niklas (SWE) (1987)

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

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

date	25-Jul-09	time	4.15	7.01	8.92	10.91	10.91	/ 6						
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Noor Zahi, Sha Mahmood (AFG) (1991)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	03-Aug-24	time	2.03	3.11	4.08	5.01	5.92	6.83	7.77	8.71	9.67	10.64	10.64	5 / 4			
reaction time	0.174	interval		1.08	0.97	0.93	0.91	0.91	0.94	0.94	0.96	0.97	NR PB	# of strides	4.08	2.75	2.84
wind	0.6 m/s	velocity	4.93	9.26	10.31	10.75	10.99	10.99	10.64	10.64	10.42	10.31	9.40	45.5	7.35	10.91	10.56
Nordmark, Daniel (SWE) (1993)																	
D FINAL - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time		4.22			7.17			9.13		11.21	11.21	2 / 7			
reaction time		interval					2.95			1.96		2.08		# of strides	4.22	2.95	
wind	1.7 m/s	velocity		7.11			10.17			10.20		9.62	8.92	7.11	10.17		
Nordkvist, Robin (SWE) (1993)																	
D FINAL - 2014 Windsprint (Sundsvall, SWE)		<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
date	20-Jul-14	time		4.09			6.88			8.73		10.68	10.68	4 / 1			
reaction time		interval					2.79			1.85		1.95		# of strides	4.09	2.79	
wind	3.1 m/s	velocity		7.33			10.75			10.81		10.26	9.36	7.33	10.75		
C FINAL - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time		4.17			7.01			8.93		10.92	10.92	7 / 4			
reaction time		interval					2.84			1.92		1.99		# of strides	4.17	2.84	
wind	1.7 m/s	velocity		7.19			10.56			10.42		10.05	9.16	7.19	10.56		
C FINAL - 2012 Windsprint (Sundsvall, SWE)		<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
date	17-Jun-12	time		4.29			7.21			9.15		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		
Norgren, Daniel (SWE) (1990)																	
C FINAL - 2007 Windsprint (Sundsvall, SWE)		<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	24-Jul-07	time		4.23			7.22			9.28		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		
Norman, Josh (USA) (1980)																	
FINAL - 2009 Meeting Pas de Calais (Lievain, FRA)		<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>															
date	10-Feb-09	time		3.92			5.74			6.64		6.64	6.64	4 / 3			
reaction time	0.127	interval					1.82			0.90		9.04		# of strides	3.92	2.72	
wind		velocity		7.65			10.99			11.11		9.04		29.7	7.65	11.03	
Heat 2 - 2009 Meeting Pas de Calais (Lievain, FRA)		<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf</i>															
date	10-Feb-09	time		3.90			5.72			6.63		6.63	6.63	7 / 1			
reaction time	0.119	interval					1.82			0.91		9.05		# of strides	3.90	2.73	
wind		velocity		7.69			10.99			10.99		9.05		29.5	7.69	10.99	
Norman, Michael (USA) (1997)																	
FINAL - 2021 Weltklasse (Zürich, SUI)		<i>Omega Timing (2021) - diamond league race analysis</i>															
date	09-Sep-21	time		3.0			4.9			6.6		10.23	10.23	3 / 7			
reaction time	0.152	interval					1.90			1.70		1.83		# of strides			
wind	-0.4 m/s	velocity		6.67			10.53			11.76		10.93	9.78	45.0			
FINAL - 2021 Memorial van Damme (Brussels, BEL)		<i>Omega Timing (2021) - diamond league race analysis</i>															
date	03-Sep-21	time		2.9			4.8			6.5		9.98	9.98	7 / 3			
reaction time	0.141	interval					1.90			1.70		1.78		# of strides			
wind	0.1 m/s	velocity		6.90			10.53			11.76		11.24	10.02	44.0			
FINAL - 2021 Prefontaine Classic (Eugene, OR)		<i>Omega Timing (2021) - diamond league race analysis</i>															
date	21-Aug-21	time		3.0			4.8			6.5		9.90	9.90	9 / 5			
reaction time	0.133	interval					1.80			1.70		1.70		# of strides			
wind	2.9 m/s	velocity		6.67			11.11			11.76		11.76	10.10	44.0			
Norton, Ray (USA) (1937)																	
FINAL - 1959 San Jose University Meeting (San Jose, CA)		<i>Hymans (2015) - progression of IAAF world records</i>															
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				
Novák, Luboš (CZE) (1988)																	
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)		<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>															
date	15-Jun-13	time		3.21			5.29			7.28		11.42	11.42	1 / 8			
reaction time	0.137	interval					2.08			1.99		2.10		# of strides			
wind	-1.2 m/s	velocity		6.23			9.62			10.05		9.80	9.52	8.76			

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nowak, Marcin (POL) (1977)															
C FINAL - 2009 ISTAF (Berlin, GER)															
date	14-Jun-09	time	3.04	4.02	4.96	6.82	8.74	10.69	10.69						
reaction time	0.193	interval		0.98	0.94	1.86	1.92	1.95					# of strides	4.02	2.80
wind	1.5 m/s	velocity	6.58	10.20	10.64	10.75	10.42	10.26	9.35					7.46	10.71
Nowosz, Zenon (POL) (1944)															
FINAL - 1972 Olympic Games (Munich, FRG)															
date	01-Sep-72	time	3.96			6.73	8.55	10.45	10.46						
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
Nthépé, Aimé-Issa (FRA) (1973)															
FINAL - 2002 European Championships (Munich, GER)															
date	07-Aug-02	time	3.03	3.99	4.90	6.69	8.49	10.32	10.32						
reaction time	0.163	interval		0.96	0.91	1.79	1.80	1.83					# of strides	3.99	2.70
wind	-0.3 m/s	velocity	6.60	10.42	10.99	11.17	11.11	10.93	9.69					7.52	11.11
Semi-Final 1 - 2002 European Championships (Munich, GER)															
date	07-Aug-02	time	3.02	3.98	4.90	6.69	8.47	10.31	10.31						
reaction time	0.169	interval		0.96	0.92	1.79	1.78	1.84					# of strides	3.98	2.71
wind	0.0 m/s	velocity	6.62	10.42	10.87	11.17	11.24	10.87	9.70					7.54	11.07
Quarter-Final 2 - 2002 European Championships (Munich, GER)															
date	06-Aug-02	time		4.90		6.68	8.46	10.31	10.31						
reaction time	0.160	interval				1.78	1.78	1.85					# of strides		
wind	0.5 m/s	velocity			8.16	11.24	11.24	10.81	9.70						
Nyberg, Erik (SWE) (1996)															
E FINAL - 2014 Windsprint (Sundsvall, SWE)															
date	20-Jul-14	time	4.21			7.10	9.05	11.13	11.13						
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
Nyvoid, Lid Sondre (NOR) (1994)															
E FINAL - 2014 Windsprint (Sundsvall, SWE)															
date	20-Jul-14	time	4.16			7.00	8.88	10.81	10.81						
reaction time		interval				2.84	1.88	1.93					# of strides	4.16	2.84
wind	2.1 m/s	velocity	7.21			10.56	10.64	10.36	9.25					7.21	10.56
Núñez, Juan (DOM) (1959)															
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)															
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		
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
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		2.74
FINAL - 1983 IAAF World Championships (Helsinki, FIN)															
date	08-Aug-83	time	2.92			4.87	5.78	6.65	7.53	8.43	10.29	10.29			
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
Öberg, Sebastian (SWE) (1986)															
D FINAL - 2010 Windsprint (Sundsvall, SWE)															
date	08-Aug-10	time	4.24			7.18	9.18	11.28	11.28						
reaction time		interval				2.94	2.00	2.10					# of strides	4.24	2.94
wind	2.8 m/s	velocity	7.08			10.20	10.00	9.52	8.87					7.08	10.20
Obikwelu, Francis (POR) (1978)															
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)															
date	22-Sep-07	time	3.00	3.94	4.84	6.61	8.36	10.17	10.17						
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
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				
reaction time	0.163	interval		1.03		2.67	0.84	0.85	1.71	0.86	AR		# of strides		2.56
wind	0.6 m/s	velocity	5.26	9.71		11.24	11.90	11.76	11.70	11.63	10.14			43.6	11.72
FINAL - 2002 European Championships (Munich, GER)															
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	NR				# of strides	3.90	2.64

wind	-0.3 m/s	velocity	6.76	10.64	11.11	11.49	11.43	11.30	9.94	43.4	7.69	11.36
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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	Graubner (2009) - http://www.fgs.uni-halle.de / 1		
reaction time	0.156	interval	0.94	0.90	1.75	1.75	1.81	1.81	1.81	# of strides	3.91	2.65
wind	0.1 m/s	velocity	6.73	10.64	11.11	11.43	11.43	11.05	9.88		7.67	11.32

Quarter-Final 3 - 2002 European Championships (Munich, GER)

date	06-Aug-02	time	3.06	4.02	4.93	6.72	8.52	10.33	10.33	Graubner (2009) - http://www.fgs.uni-halle.de / 3		
reaction time	0.164	interval	0.96	0.91	1.79	1.80	1.81	1.81	1.81	# of strides	4.02	2.70
wind	-0.6 m/s	velocity	6.54	10.42	10.99	11.17	11.11	11.05	9.68		7.46	11.11

Heat 2 - 2002 European Championships (Munich, GER)

date	06-Aug-02	time	3.02	3.98	4.90	6.68	8.47	10.38	10.38	Graubner (2009) - http://www.fgs.uni-halle.de / 1		
reaction time	0.143	interval	0.96	0.92	1.78	1.79	1.91	1.91	1.91	# of strides	3.98	2.70
wind	0.2 m/s	velocity	6.62	10.42	10.87	11.24	11.17	10.47	9.63		7.54	11.11

Obikwelu, Francis (NGR) (1978)**FINAL - 2001 ISTAF (Berlin, GER)**

date	31-Aug-01	time	2.92	3.86	4.75	6.48	8.21	9.98	9.98	Graubner (2009) - http://www.fgs.uni-halle.de / 1		
reaction time	0.134	interval	0.94	0.89	1.73	1.73	1.77	1.77	1.77	# of strides	3.86	2.62
wind	0.6 m/s	velocity	6.85	10.64	11.24	11.56	11.56	11.30	10.02		7.77	11.45

Obiora, Nzimirro (NOR) (1994)**E FINAL - 2015 Windsprint (Sundsvall, SWE)**

date	26-Jul-15	time		4.25		7.49				11.85	11.85	(2015) - www.windsprint/Splittider/ 3 / 6		
reaction time		interval				3.24				4.36		# of strides	4.25	3.24
wind	1.1 m/s	velocity		7.06		9.26				9.17	8.44		7.06	9.26

Oduduru, Divine (NGR) (1996)**FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)**

date	12-Jul-19	time			5.7					10.26	10.26	Omega Timing (2019) - diamond.league.race.analysis 4 / 8		
reaction time	0.148	interval								4.56		# of strides		
wind	0.3 m/s	velocity			8.77					10.96	9.75		44.0	

Ofori, Gilbert (NOR) (1994)**G FINAL - 2013 Windsprint (Sundsvall, SWE)**

date	28-Jul-13	time		4.22		7.14		9.12		11.15	11.15	(2013) - www.ssg.se/windsprint/Splittider/ 4 / 1		
reaction time		interval				2.92		1.98		2.03		# of strides	4.22	2.92
wind	1.9 m/s	velocity		7.11		10.27		10.10		9.85	8.97		7.11	10.27

D FINAL - 2012 Windsprint (Sundsvall, SWE)

date	17-Jun-12	time		4.21		7.13		9.06		11.04	11.04	(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx / 4		
reaction time		interval				2.92		1.93		1.98		# of strides	4.21	2.92
wind	2.5 m/s	velocity		7.13		10.27		10.36		10.10	9.06		7.13	10.27

Ogata, Eiji (JPN)**FINAL - 2023 Japanese National High School Championships (Sapporo, 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	Takashima (2023) - national.high.school.sports.festival - biomechanics data 5 / 2			
reaction time	0.223	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.96	0.98	0.98		# of strides	4.10	2.89	2.90
wind	-2.7 m/s	velocity	5.08	8.93	9.90	10.31	10.42	10.42	10.42	10.42	10.20	10.20	9.20		7.32	10.38	10.34

Ogawa, Ao (JPN)**FINAL - 2023 Japanese National High School Championships (Sapporo, 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	Takashima (2023) - national.high.school.sports.festival - biomechanics data 2 / 5			
reaction time	0.201	interval		1.14	1.02	0.98	0.96	0.96	0.96	0.96	0.97	0.98		# of strides	4.19	2.90	2.89
wind	-2.7 m/s	velocity	4.93	8.77	9.80	10.20	10.42	10.42	10.42	10.42	10.31	10.20	9.12		7.16	10.34	10.38

Ogi, Machii (JPN) (2003)**U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)**

date	04-Oct-19	time		4.06		6.01						10.96	10.96	Enomoto (2019) - research.on.athlete.performance.and.technique - 2019 data book 7 / 2			
reaction time	0.143	interval				1.95						4.95		# of strides	4.06		
wind	-1.1 m/s	velocity		7.39		3.33						10.10	9.12		7.39		

Ogho-Ogene, Egwero (NGR) (1988)**Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)**

date	15-Aug-09	time	2.95	3.89	4.78	6.56	8.31	10.19	10.19	10.19	10.19	Graubner (2009) - biomechanical analyses at the 12th IAAF world championships 8 / 5					
reaction time	0.161	interval		0.94	0.89	1.78	1.75	1.88	1.88	1.88	1.88	PB		# of strides	3.89	2.67	
wind	0.4 m/s	velocity	6.78	10.64	11.24	11.24	11.43	10.64	9.81	9.81	9.81				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	8.45	10.30	10.30	10.30	10.30	Graubner (2009) - biomechanical analyses at the 12th IAAF world championships 5 / 3					
reaction time	0.166	interval		0.95	0.90	1.81	1.79	1.85	1.85	1.85	1.85			# of strides	3.95	2.71	

wind -0.5 m/s velocity 6.67 10.53 11.11 11.05 11.17 10.81 9.71 7.59 11.07

Ogunode, Femi (QAT) (1991) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*
 date 28-May-21 time 3.0 4.8 6.6 8.3 10.00 10.00 5 / 1
 reaction time 0.146 interval 1.80 1.80 1.70 1.70 # of strides
 wind 0.9 m/s velocity 6.67 11.11 11.11 11.76 11.76 10.00 46.0

Ogunode, Tosin (QAT) (1994) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 2021 Doha Diamond League (Doha, QAT) *Omega Timing (2021) - diamond league race analysis*
 date 28-May-21 time 3.4 5.3 7.1 8.9 10.72 10.72 3 / 8
 reaction time 0.202 interval 1.90 1.80 1.80 1.82 # of strides
 wind 0.9 m/s velocity 5.88 10.53 11.11 11.11 10.99 9.33 46.2
FINAL - 2018 Asian Games (Jakarta, INA) *Kobayashi (2018) - Race analysis results for men 100m in 2018 season*
 date 26-Aug-18 time 1.81 2.87 3.81 4.71 5.59 6.45 7.32 8.20 9.09 10.00 10.00 8 / 2
 reaction time 0.125 interval 1.06 0.94 0.90 0.88 0.86 0.87 0.88 0.89 0.91 **PB** # of strides 3.81 2.64 2.64
 wind 0.8 m/s velocity 5.52 9.43 10.64 11.11 11.36 11.63 11.49 11.36 11.24 10.99 10.00 44.5 7.87 11.36 11.36

Ohlström, Morgan (SWE) (1991) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
C FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*
 date 25-Jul-09 time 4.26 7.22 9.25 11.33 11.33 / 5
 reaction time interval 2.96 2.03 2.08 # of strides 4.26 2.96
 wind 3.0 m/s velocity 7.04 10.14 9.85 9.62 8.83 7.04 10.14

Öiglane, Janek (EST) (1994) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympic Games - Results Book (2024)*
 date 02-Aug-24 time 2.03 3.13 4.20 5.16 6.11 7.06 8.01 8.97 9.94 10.89 10.89 3 / 4
 reaction time 0.142 interval 1.10 1.07 0.96 0.95 0.95 0.95 0.96 0.97 0.95 **=PB** # of strides 4.20 2.86 2.88
 wind 0.9 m/s velocity 4.93 9.09 9.35 10.42 10.53 10.53 10.53 10.42 10.31 10.53 9.18 46.0 7.14 10.49 10.42

Ojuri, Sunday (SWE) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE) *(2017) - www.windsprint/Splittider/*
 date 30-Jul-17 time 4.18 6.10 7.03 8.93 10.88 10.88 7 / 3
 reaction time interval 1.92 0.93 1.90 1.95 # of strides 4.18 2.85
 wind 1.5 m/s velocity 7.18 10.42 10.75 10.53 10.26 9.19 7.18 10.53

A FINAL - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*
 date 31-Jul-16 time 4.20 7.02 10.87 10.87 3 / 3
 reaction time interval 2.82 3.85 # of strides 4.20 2.82
 wind 1.4 m/s velocity 7.14 10.64 10.39 9.20 7.14 10.64

Heat 1 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*
 date 31-Jul-16 time 4.21 7.06 10.93 10.93 8 / 5
 reaction time interval 2.85 3.87 # of strides 4.21 2.85
 wind 0.7 m/s velocity 7.13 10.53 10.34 9.15 7.13 10.53

C FINAL - 2015 Windsprint (Sundsvall, SWE) *(2015) - www.windsprint/Splittider/*
 date 26-Jul-15 time 6.98 10.80 10.80 4 / 2
 reaction time interval 3.82 # of strides
 wind 0.6 m/s velocity 8.60 10.47 9.26

C FINAL - 2013 Windsprint (Sundsvall, SWE) *(2013) - www.ssg.se/windsprint/Splittider/*
 date 28-Jul-13 time 4.13 6.92 8.76 10.65 10.65 5 / 1
 reaction time interval 2.79 1.84 **PB** # of strides 4.13 2.79
 wind 1.7 m/s velocity 7.26 10.75 10.87 10.58 9.39 7.26 10.75

C FINAL - 2012 Windsprint (Sundsvall, SWE) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*
 date 17-Jun-12 time 4.21 7.03 8.90 10.84 10.84 / 2
 reaction time interval 2.82 1.87 # of strides 4.21 2.82
 wind 2.8 m/s velocity 7.13 10.64 10.70 10.31 9.23 7.13 10.64

D FINAL - 2011 Windsprint (Sundsvall, SWE) *(2011) - www.ssg.se/en/Windsprint/Split-times/*
 date 31-Jul-11 time 4.17 7.04 8.95 10.94 10.94 6 / 5
 reaction time interval 2.87 1.91 # 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

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Okeke, Aham (NOR) (1969)																		
FINAL - 1994 (Tønsberg, NOR)																		
date	20-Jul-94	time		3.99		6.64		8.38		10.19		10.19	1/2					
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			
Okuda, Keisuke (JPN) (1996)																		
Decathlon - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN)																		
date	04-Jun-02	time	1.94	3.06	4.07	5.03	5.98	6.92	7.87	8.83	9.81	10.82	10.82					
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)																		
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					
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)																		
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)																		
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					
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		7.41	10.71	10.53	
Øien, Vegard (NOR) (1990)																		
D FINAL - 2012 Windsprint (Sundsvall, SWE)																		
date	17-Jun-12	time			4.17		7.07		8.99		10.97		10.97					
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)																		
date	31-Jul-11	time			4.32		7.34		9.36		11.40		11.40					
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)																		
B FINAL - 2016 Windsprint (Sundsvall, SWE)																		
date	31-Jul-16	time			4.30		7.32				11.38		11.38					
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					
reaction time		interval					3.01				4.18			# of strides	4.30	3.01		
wind	0.7 m/s	velocity			6.98		9.97				9.57		8.70		6.98	9.97		
Olsson, Benjamin (SWE) (1991)																		
FINAL - 2012 Windsprint (Sundsvall, SWE)																		
date	17-Jun-12	time			4.11		6.92		8.75		10.64		10.64					
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)																		
Invitational - 2024 Memorial van damme (Brussels, BEL)																		
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						
reaction time		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)																		
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						
reaction time		interval		1.06	0.94	0.88	0.88	0.86	0.86	0.89	0.89	0.93		# of strides	3.89	2.62	2.64	
wind	0.3 m/s	velocity	5.29	9.43	10.64	11.36	11.36	11.63	11.63	11.24	11.24	10.75	9.92		47.5	7.71	11.45	11.36
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)																		
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						
reaction time		interval		1.05	0.93	0.87	0.85	0.84	0.84	0.86	0.87	0.89		# of strides	3.86	2.56	2.57	
wind	1.9 m/s	velocity	5.32	9.52	10.75	11.49	11.76	11.90	11.90	11.63	11.49	11.24	10.12		47.0	7.77	11.72	11.67
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																		
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						
reaction time		interval		1.05	0.93	0.89	0.86	0.86	0.87	0.87	0.91	0.93		# of strides	3.89	2.61	2.65	
wind	0.5 m/s	velocity	5.24	9.52	10.75	11.24	11.63	11.63	11.49	11.49	10.99	10.75	9.92		48.0	7.71	11.49	11.32

Heat 2 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.91	2.96	3.91	4.80	5.67	6.52	7.39	8.25	9.14	10.08	10.08	2 / 1			
reaction time	0.148	interval		1.05	0.95	0.89	0.87	0.85	0.87	0.86	0.89	0.94		# of strides	3.91	2.61	2.62
wind	0.2 m/s	velocity	5.24	9.52	10.53	11.24	11.49	11.76	11.49	11.63	11.24	10.64	9.92	47.2	7.67	11.49	11.45

FINAL - 2024 Prefontaine Classic (Eugene, OR)

Omega Timing (2024) - diamond league race analysis

date	25-May-24	time	1.92	2.97	3.91	4.79	5.65	6.51	7.35	8.22	9.10	9.98	9.98	4 / 2			
reaction time	0.137	interval		1.05	0.94	0.88	0.86	0.86	0.84	0.87	0.88	0.88		# of strides	3.91	2.60	2.59
wind	1.2 m/s	velocity	5.21	9.52	10.64	11.36	11.63	11.63	11.90	11.49	11.36	11.36	10.02	47.0	7.67	11.54	11.58

FINAL - 2023 Prefontaine Classic (Eugene, OR)

Omega Timing (2023) - diamond league race analysis

date	16-Sep-23	time	1.91	2.92	3.84	4.71	5.56	6.40	7.24	8.10	8.97	9.85	9.85	3 / 3			
reaction time	0.135	interval		1.01	0.92	0.87	0.85	0.84	0.84	0.86	0.87	0.88		# of strides	3.84	2.56	2.57
wind	0.1 m/s	velocity	5.24	9.90	10.87	11.49	11.76	11.90	11.90	11.63	11.49	11.36	10.15	47.5	7.81	11.72	11.67

FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)

Omega Timing (2023) - diamond league race analysis

date	21-Jul-23	time	1.91	2.95	3.88	4.75	5.61	6.47	7.32	8.18	9.05	9.92	9.92	4 / 1			
reaction time	0.156	interval		1.04	0.93	0.87	0.86	0.86	0.85	0.86	0.87	0.87		# of strides	3.88	2.59	2.58
wind	0.6 m/s	velocity	5.24	9.62	10.75	11.49	11.63	11.63	11.76	11.63	11.49	11.49	10.08	48.0	7.73	11.58	11.63

FINAL - 2023 Meeting de Paris (Paris, FRA)

Omega Timing (2023) - diamond league race analysis

date	09-Jun-23	time	1.90	2.94	3.87	4.74	5.61	6.48	7.33	8.19	9.07	9.98	9.98	6 / 2			
reaction time	0.159	interval		1.04	0.93	0.87	0.87	0.87	0.85	0.86	0.88	0.91		# of strides	3.87	2.61	2.59
wind	-0.9 m/s	velocity	5.26	9.62	10.75	11.49	11.49	11.49	11.76	11.63	11.36	10.99	10.02	48.0	7.75	11.49	11.58

FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)

Omega Timing (2023) - diamond league race analysis

date	02-Jun-23	time	1.94	2.97	3.90	4.79	5.66	6.53	7.38	8.26	9.14	10.05	10.05	7 / 2			
reaction time	0.172	interval		1.03	0.93	0.89	0.87	0.87	0.85	0.88	0.88	0.91		# of strides	3.90	2.63	2.61
wind	0.0 m/s	velocity	5.15	9.71	10.75	11.24	11.49	11.47	11.79	11.36	11.36	10.99	9.95	48.0	7.69	11.40	11.50

FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)

Omega Timing (2023) - diamond league race analysis

date	28-May-23	time	1.91	2.98	3.90	4.78	5.65	6.51	7.36	8.26	9.12	10.05	10.05	4 / 3			
reaction time	0.164	interval		1.07	0.92	0.88	0.87	0.86	0.85	0.90	0.86	0.93		# of strides	3.90	2.61	2.61
wind	0.1 m/s	velocity	5.24	9.35	10.87	11.36	11.49	11.63	11.76	11.11	11.63	10.75	9.95	47.5	7.69	11.49	11.49

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

Longines Timing (2022) - commonwealth games race analysis

date	03-Aug-22	time		2.9		4.7		6.4		8.2		10.02	10.02	3 / 1			
reaction time		interval				1.80		1.70		1.80		1.82		# of strides			
wind	-0.9 m/s	velocity		6.90		11.11		11.76		11.11		10.99	9.98	48.7			

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 (Lievain, FRA)Vazel (2009) - <http://futurancien.files.wordpress.com/2009/02/09-lievain-m605.pdf>

date	10-Feb-09	time			3.93		5.76		6.66		6.66		6.66	5 / 5			
reaction time	0.137	interval					1.83		0.90					# of strides	3.93	2.73	
		velocity			7.63		10.93		11.11				9.01	30.2	7.63	10.99	

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

date	10-Feb-09	time			3.89		5.70		6.60		6.60		6.60	5 / 1			
reaction time	0.135	interval					1.81		0.90					# of strides	3.89	2.71	
		velocity			7.71		11.05		11.11				9.09	30.2	7.71	11.07	

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	1.98	3.04	3.95	4.93	5.82	6.72	7.60	8.52	9.52	10.49	10.49	3 / 8			
reaction time		interval		1.06	0.91	0.98	0.89	0.90	0.88	0.92	1.00	0.97		# of strides	3.95	2.77	2.80
wind	1.7 m/s	velocity	5.05	9.43	10.99	10.20	11.24	11.11	11.36	10.87	10.00	10.31	9.53		7.59	10.83	10.71

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

date	23-Jun-06	time	1.96	2.99	3.92	4.82	5.71	6.64	7.54	8.46	9.43	10.35	10.35	8 / 5 4			
reaction time		interval		1.03	0.93	0.90	0.89	0.93	0.90	0.92	0.97	0.92		# of strides	3.92	2.72	2.79
wind	-1.2 m/s	velocity	5.10	9.71	10.75	11.11	11.24	10.75	11.11	10.87	10.31	10.87	9.66	47.0	7.65	11.03	10.75

Omurwa, Ferdinand (KEN) (1996)

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

FINAL - 2021 Memorial van Damme (Brussels, BEL)

Omega Timing (2021) - diamond league race analysis

date	03-Sep-21	time		3.0		4.8		6.6		8.3		10.02	10.02	6 / 4			
reaction time	0.134	interval				1.80		1.80		1.70		1.72		# of strides			
wind	0.1 m/s	velocity		6.67		11.11		11.11		11.76		11.63	9.98	47.3			

O'Neal, Kenny (USA) (1986)

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

FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)

USATF Women's Sprint Development (2003)

date	22-Jun-03	time	2.00	3.07	4.05	4.96	5.87	6.74	7.62	8.56	9.49	10.40	10.40	3 / 2			
reaction time		interval		1.07	0.98	0.91	0.91	0.87	0.88	0.94	0.93	0.91		# of strides	4.05	2.69	2.75

wind 0.0 m/s velocity 5.00 9.35 10.20 10.99 10.99 11.49 11.36 10.64 10.75 10.99 9.62 7.41 11.15 10.91

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Onabuta, Yu (JPN) (1994)																		
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>						
date	23-Sep-18	time	1.93	3.01	3.99	4.92	5.83	6.73	7.62	8.52	9.42	10.34	10.34	4 / 4				
reaction time	0.147	interval		1.08	0.98	0.93	0.91	0.90	0.89	0.90	0.90	0.92		# of strides	3.99	2.74	2.69	
wind	0.0 m/s	velocity	5.18	9.26	10.20	10.75	10.99	11.11	11.24	11.11	11.11	10.87	9.67	51.2	7.52	10.95	11.15	
Heat 5 - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>						
date	27-Jun-15	time	1.92	2.99	3.95	4.88	5.79	6.69	7.59	8.51	9.43	10.39	10.39	5 / 2				
reaction time	0.130	interval		1.07	0.96	0.93	0.91	0.90	0.90	0.92	0.92	0.96		# of strides	3.95	2.74	2.74	
wind	0.7 m/s	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.11	10.87	10.87	10.42	9.62	51.0	7.59	10.95	10.95	
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)												<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>						
date	04-Aug-11	time				6.01	6.95	7.87	8.82	9.79	10.78	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)												<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>						
date	30-Jul-09	time		4.00	4.92	5.85	6.77	7.70	8.63		10.56	10.56	10.56	5 / 3				
reaction time		interval			0.92	0.93	0.92	0.93	0.93		1.93			# of strides	4.00	2.77		
wind	1.1 m/s	velocity		7.50	10.87	10.75	10.87	10.75	10.75		10.36	9.47			7.50	10.83		
Ondráček, Jan (CZE) (1988)																		
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>						
date	15-Jun-13	time		3.17	5.18		7.07	8.99		10.96	10.96	10.96	10.96	6 / 3				
reaction time	0.146	interval			2.01		1.89	1.92		1.97				# of strides				
wind	-1.2 m/s	velocity		6.31	9.95		10.58	10.42		10.15	9.12							
Ono, Akiyoshi (JPN) (1996)																		
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)												<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>						
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	10.75	10.75	10.75	10.75	10.75
reaction time		interval		1.08	1.00	0.95	0.94	0.94	0.94	0.96	0.97	0.99		# of strides	4.06	2.83	2.87	
wind	-2.0 m/s	velocity	5.05	9.26	10.00	10.53	10.64	10.64	10.64	10.42	10.31	10.10	9.30		7.39	10.60	10.45	
Orjala, Chinedu (NGR) (1981)																		
B FINAL - 2009 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	14-Jun-09	time		3.01	3.99	4.92		6.74	8.59		10.44	10.44	10.44	10.44	10.44	10.44	10.44	
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	10.81	9.58		7.52	10.91		
Orlandi, Alessandro (ITA) (1972)																		
Semi-Final 2 - 1994 Italian National Championships (Naples, ITA)												<i>Locatelli (2000) - the mechanics and energetics of the 100m sprint</i>						
date	04-Jul-97	time	1.86	3.00	3.96	4.88	5.77	6.68			10.45	10.45	10.45	10.45	10.45	10.45	10.45	
reaction time		interval		1.14	0.96	0.92	0.89	0.91			3.77	PB		# of strides	3.96	2.72		
wind	1.0 m/s	velocity	5.38	8.77	10.42	10.87	11.24	10.99			10.61	9.57			7.58	11.03		
Osaisai, Wopamo (USA) (1986)																		
FINAL - 2005 USATF National Junior Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>						
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	10.58	10.58	10.58	10.58	
reaction time		interval			1.02	0.90	0.97	0.91	0.90	0.95	0.95	0.94		# of strides	4.06	2.78	2.80	
wind	-0.4 m/s	velocity		6.58	9.80	11.11	10.31	10.99	11.11	10.53	10.53	10.64	9.45		7.39	10.79	10.71	
Oseto, Kazuma (JPN) (1994)																		
B FINAL - 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	1.88	2.96	3.92	4.85	5.76	6.66	7.57	8.49	9.44	10.41	10.41	10.41	10.41	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	3.92	2.74	2.78	
wind	2.1 m/s	velocity	5.32	9.26	10.42	10.75	10.99	11.11	10.99	10.87	10.53	10.31	9.61	48.0	7.65	10.95	10.79	
FINAL - 2016 Fuse Sprint (Tottori, JPN)												<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>						
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	10.31	10.31	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	3.92	2.72	2.75	
wind	-0.5 m/s	velocity	5.21	9.52	10.53	10.87	11.24	10.99	10.99	10.87	10.87	10.87	9.70		49.6	7.65	11.03	
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)												<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>						
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	10.47	10.47	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	3.91	2.80	2.81	
wind	-3.5 m/s	velocity	5.32	9.35	10.42	10.53	10.87	10.75	10.75	10.64	10.64	10.53	9.55		46.9	7.67	10.71	
Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>						
date	29-Apr-14	time	1.88	2.94	3.89	4.81	5.72	6.62	7.51	8.41	9.32	10.25	10.25	10.25	10.25	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	3.89	2.73	2.70	

wind	2.0 m/s	velocity	5.32	9.43	10.53	10.87	10.99	11.11	11.24	11.11	10.99	10.75	9.76	48.6	7.71	10.99	11.11										
Race B - 2014 Izumo Athletics Games (Izumo, JPN)													<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>														
date	20-Apr-14	time	1.92	2.96	3.91	4.84	5.75	6.66	7.58	8.50	9.44	10.40	10.40	4 / 2													
reaction time		interval		1.04	0.95	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	3.91	2.75	2.78										
wind	0.6 m/s	velocity	5.21	9.62	10.53	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.62	49.2	7.67	10.91	10.79										
Heat 1 - 2014 Izumo Athletics Games (Izumo, JPN)													<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>														
date	20-Apr-14	time	1.93	2.99	3.95	4.88	5.79	6.69	7.60	8.52	9.45	10.40	10.40	5 / 2													
reaction time		interval		1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.93	0.95		# of strides	3.95	2.74	2.76										
wind	1.8 m/s	velocity	5.18	9.43	10.42	10.75	10.99	11.11	10.99	10.87	10.75	10.53	9.62	49.0	7.59	10.95	10.87										
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)													<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
date	30-Jul-12	time					5.81	6.69	7.61	8.54	9.49	10.47	10.47	4 / 1													
reaction time		interval						0.88	0.92	0.93	0.95	0.98		# of strides			2.80										
wind	0.0 m/s	velocity						8.61	11.36	10.87	10.75	10.53	10.20	9.55			10.71										
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)													<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	1.92	2.96	3.90	4.81	5.70	6.60	7.50	8.39	9.30	10.23	10.23	7 / 3													
reaction time		interval		1.04	0.94	0.91	0.89	0.90	0.90	0.89	0.91	0.93	NJR / PB	# of strides	3.90	2.70	2.70										
wind	1.3 m/s	velocity	5.21	9.62	10.64	10.99	11.24	11.11	11.11	11.24	10.99	10.75	9.78	47.2	7.69	11.11	11.11										
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)													<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>														
date	04-Aug-11	time					5.82	6.73	7.68	8.64	9.62	10.63	10.63	7 / 2													
reaction time		interval						0.91	0.95	0.96	0.98	1.01		# of strides			2.89										
wind	-0.5 m/s	velocity						8.59	10.99	10.53	10.42	10.20	9.90	9.41			10.38										
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)													<i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>														
date	30-Jul-10	time	1.92	3.01		5.02	5.99	6.97	7.95	8.70	9.94	10.99	10.99	1 / 8													
reaction time		interval		1.09		2.01	0.97	0.98	0.98	0.75	1.24	1.05		# of strides			2.97										
wind	-2.1 m/s	velocity	5.21	9.17		9.95	10.31	10.20	10.20	13.33	8.06	9.52	9.10				10.10										
Oshima, Kenta (JPN) (1997)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)													<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>														
date	30-Jul-15	time			3.90	4.82	5.75	6.63	7.53	8.41	9.35	10.29	10.29	/ 1													
reaction time		interval				0.92	0.93	0.88	0.90	0.88	0.94	0.94	PB	# of strides	3.90	2.73	2.72										
wind	-0.8 m/s	velocity			7.69	10.87	10.75	11.36	11.11	11.36	10.64	10.64	9.72		7.69	10.99	11.03										
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)													<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>														
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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
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)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-02	time		2.99	3.97	4.91		6.73		8.58		10.49	10.46	/ 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)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>														
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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
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											
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	

Özer, Kayhan (TUR) (1998)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.91	3.00	3.95	4.88	5.78	6.68	7.60	8.50	9.44	10.34	10.34	8 / 7				
reaction time	0.135	interval		1.09	0.95	0.93	0.90	0.90	0.92	0.90	0.94	0.90		# of strides	3.95	2.73	2.76	
wind	0.6 m/s	velocity	5.24	9.17	10.53	10.75	11.11	11.11	10.87	11.11	10.64	11.11	9.67		47.0	7.59	10.99	10.87

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

date	28-May-21	time		3.1		5.0		6.8		8.7		10.48	10.48	6 / 5			
reaction time	0.142	interval			1.90		1.80		1.90		1.78			# of strides			
wind	0.9 m/s	velocity		6.45		10.53		11.11		10.53		11.24	9.54		47.0		

Padgett, Travis (USA) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2008 USA Olympic Trials (Eugene, OR)***USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.95	2.95	3.86	4.76	5.58	6.46	7.28	8.11	8.99	9.85	9.85	6 / 4				
reaction time	0.153	interval		1.00	0.91	0.90	0.82	0.88	0.82	0.83	0.88	0.86		# of strides	3.86	2.60	2.53	
wind	4.1 m/s	velocity	5.13	10.00	10.99	11.11	12.20	11.36	12.20	12.05	11.36	11.63	10.15		49.2	7.77	11.54	11.86

Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)*USATF Women's Sprint Development with HPC (2008)*

date	29-Jun-08	time	1.95	2.98	3.91	4.85	5.71	6.59	7.44	8.32	9.19	10.11	10.11	4 / 2				
reaction time		interval		1.03	0.93	0.94	0.86	0.88	0.85	0.88	0.87	0.92		# of strides	3.91	2.68	2.60	
wind	0.5 m/s	velocity	5.13	9.71	10.75	10.64	11.63	11.36	11.76	11.36	11.49	10.87	9.89		49.5	7.67	11.19	11.54

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)*USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.83	2.90	3.86	4.75	5.60	6.44	7.32	8.14	9.01	9.89	9.89	3 / 1				
reaction time		interval		1.07	0.96	0.89	0.85	0.84	0.88	0.82	0.87	0.88	PB	# of strides	3.86	2.58	2.57	
wind	1.6 m/s	velocity	5.46	9.35	10.42	11.24	11.76	11.90	11.36	12.20	11.49	11.36	10.11		48.5	7.77	11.63	11.67

Heat 2 - 2008 USA Olympic Trials (Eugene, OR)*USATF Women's Sprint Development with HPC (2008)*

date	28-Jun-08	time	1.91	2.98	3.88	4.80	5.65	6.51	7.40	8.26	9.14	10.06	10.06	7 / 1			
reaction time		interval		1.07	0.90	0.92	0.85	0.86	0.89	0.86	0.88	0.92		# of strides	3.88	2.63	2.63
wind	1.8 m/s	velocity	5.24	9.35	11.11	10.87	11.76	11.63	11.24	11.63	11.36	10.87	9.94		7.73	11.41	11.41

Palacios, Rolando (HON) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		3.06	4.01	4.91		6.70		8.45		10.24	10.24	2 / 6			
reaction time	0.215	interval			0.95	0.90		1.79		1.75		1.79		# of strides	4.01	2.69	
wind	0.1 m/s	velocity		6.54	10.53	11.11		11.17		11.43		11.17	9.77		7.48	11.15	

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

date	15-Aug-09	time		3.02	3.98	4.90		6.71		8.48		10.28	10.28	1 / 5			
reaction time	0.178	interval			0.96	0.92		1.81		1.77		1.80		# of strides	3.98	2.73	
wind	0.0 m/s	velocity		6.62	10.42	10.87		11.05		11.30		11.11	9.73		7.54	10.99	

Papadiás, Harálabos (GRE) (1975)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL 1 - 2001 European Cup (Bremen, GER)***Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.10	4.05	4.95		6.82		8.62		10.52	10.52	/ 3			
reaction time	0.217	interval			0.95	0.90		1.87		1.80		1.90		# of strides	4.05	2.77	
wind	0.6 m/s	velocity		6.45	10.53	11.11		10.70		11.11		10.53	9.51		7.41	10.83	

Parker, Earvin (USA) (1984)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)***USATF Women's Sprint Development (2003)*

date	22-Jun-03	time	1.93	3.08	4.07	5.00	5.92	6.84	7.72	8.64	9.54	10.48	10.48	5 / 4			
reaction time		interval		1.15	0.99	0.93	0.92	0.92	0.88	0.92	0.90	0.94		# of strides	4.07	2.77	2.70
wind	0.0 m/s	velocity	5.18	8.70	10.10	10.75	10.87	10.87	11.36	10.87	11.11	10.64	9.54		7.37	10.83	11.11

Patros, David (FRA) (1977)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1996 International French Championships (Bercy, FRA)***Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	1.90	2.97	3.95	4.88	5.77	6.70				6.70		/ 3			
reaction time		interval		1.07	0.98	0.93	0.89	0.93						# of strides	3.95	2.75	
		velocity	5.26	9.35	10.20	10.75	11.24	10.75				8.96			7.59	10.91	

Heat 2 - 1996 International French Championships (Bercy, FRA)

date	10-Feb-96	time	1.84	2.93	3.89	4.82	5.74	6.67											
reaction time		interval		1.09	0.96	0.93	0.92	0.93											
		velocity	5.43	9.17	10.42	10.75	10.87	10.75											

Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m

Paulina, Hensley (NED) (1993)**National - Heat 1 - 2023 FBK Games (Hengelo, NED)**

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						
reaction time	0.110	interval		1.10	0.97	0.93	0.91	0.91	0.90	0.90	0.91	0.94							
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						

Paulsson Bixo, Jonathan (SWE) (1997)**G FINAL - 2014 Windsprint (Sundsvall, SWE)**

date	20-Jul-14	time			4.39			7.48		9.55		11.66	11.66						
reaction time		interval						3.09		2.07		2.11							
wind	1.6 m/s	velocity			6.83			9.71		9.66		9.48	8.58						

Patton, Darvis (USA) (1977)**FINAL - 2009 IAAF World Championships (Berlin, GER)**

date	16-Aug-09	time		2.96	3.93	4.85		6.65		8.42		10.34	10.34						
reaction time	0.149	interval			0.97	0.92		1.80		1.77		1.92							
wind	0.9 m/s	velocity		6.76	10.31	10.87		11.11		11.30		10.42	9.67						

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)

date	16-Aug-09	time		2.96	3.89	4.78		6.51		8.21		9.98	9.98						
reaction time	0.152	interval			0.93	0.89		1.73		1.70		1.77							
wind	0.2 m/s	velocity		6.76	10.75	11.24		11.56		11.76		11.30	10.02						

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

date	15-Aug-09	time		2.99	3.90	4.76		6.51		8.21		10.05	10.05						
reaction time	0.141	interval			0.91	0.86		1.75		1.70		1.84							
wind	-0.4 m/s	velocity		6.69	10.99	11.63		11.43		11.76		10.87	9.95						

Heat 2 - 2009 IAAF World Championships (Berlin, GER)

date	15-Aug-09	time		2.98	3.93	4.83		6.58		8.35		10.26	10.26						
reaction time	0.160	interval			0.95	0.90		1.75		1.77		1.91							
wind	-0.2 m/s	velocity		6.71	10.53	11.11		11.43		11.30		10.47	9.75						

FINAL - 2008 Olympic Games (Beijing, CHN)

date	16-Aug-08	time			3.89			6.55		8.28		10.03	10.03						
reaction time	0.142	interval						2.66		1.73		1.75							
wind	0.0 m/s	velocity			7.71			11.28		11.56		11.43	9.97						

FINAL - 2008 USA Olympic Trials (Eugene, OR)

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						
reaction time	0.169	interval		1.01	0.91	0.88	0.83	0.87	0.82	0.82	0.82	0.91							
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						

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

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						
reaction time		interval		1.02	0.92	0.93	0.84	0.85	0.88	0.86	0.88	0.90							
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						

Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)

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						
reaction time		interval		1.10	0.90	0.87	0.85	0.87	0.85	0.83	0.83	0.91	PB						
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						

Heat 3 - 2008 USA Olympic Trials (Eugene, OR)

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						
reaction time		interval		1.06	0.92	0.88	0.87	0.84	0.85	0.87	0.89	0.89							
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						

Pavlakakis, Ággelos (GRE) (1976)**FINAL - 1997 European Cup (Munich, GER)**

date	21-Jun-97	time	1.95		3.95			6.63				10.24	10.24						
reaction time		interval			2.00			2.68				3.61							
wind	0.2 m/s	velocity	5.13		10.00			11.19				11.08	9.77						

Pavoni, Pierfrancesco (ITA) (1963)**FINAL - 1987 IAAF World Championships (Rome, ITA)**

date	30-Aug-87	time			4.33		5.47												
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Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics

date	14-Jun-09	time	3.04	4.03	4.97	6.81	8.68	10.58	10.58	/ 7			
reaction time	0.176	interval		0.99	0.94	1.84	1.87	1.90		# of strides	4.03	2.78	
wind	0.2 m/s	velocity	6.58	10.10	10.64	10.87	10.70	10.53	9.45		7.44	10.79	

Petrák, Miloslav (CZE) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	15-Jun-13	time	3.04		5.02	6.94	8.93	11.00	11.00	7 / 4			
reaction time	0.140	interval			1.98	1.92	1.99	2.07		# of strides			
wind	-3.2 m/s	velocity	6.58		10.10	10.42	10.05	9.66	9.09				

Petterson, Andreas (SWE) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	17-Jun-12	time		4.59		7.85	9.99	12.20	12.20	/ 2			
reaction time		interval				3.26	2.14	2.21		# of strides	4.59	3.26	
wind	1.2 m/s	velocity		6.54		9.20	9.35	9.05	8.20		6.54	9.20	

Pettersen, Even (NOR) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

National FINAL - 2021 Bislett Games (Oslo, NOR) *Omega Timing (2021) - diamond league race analysis*

date	01-Jul-21	time	3.1		5.0	6.9	8.8	10.70	10.70	4 / 3			
reaction time	0.125	interval			1.90	1.90	1.90	1.90		# of strides			
wind	0.2 m/s	velocity	6.45		10.53	10.53	10.53	10.53	9.35				

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

date	28-Jul-13	time		4.14		6.96	8.84	10.77	10.77	8 / 1			
reaction time		interval				2.82	1.88	1.93		# of strides	4.14	2.82	
wind	2.8 m/s	velocity		7.25		10.64	10.64	10.36	9.29		7.25	10.64	

Phillips, Dwight (USA) (1977) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	10-Feb-09	time		3.97		5.80	6.72		6.72	2 / 5			
reaction time	0.161	interval				1.83	0.92			# of strides	3.97	2.75	
wind		velocity		7.56		10.93	10.87		8.93		28.7	7.56	10.91

Phiri, Gerald (ZAM) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	16-Aug-09	time	2.93	3.88	4.79	6.59	8.36	10.19	10.19	1 / 7			
reaction time	0.143	interval		0.95	0.91	1.80	1.77	1.83		# of strides	3.88	2.71	
wind	-0.2 m/s	velocity	6.83	10.53	10.99	11.11	11.30	10.93	9.81		46.0	7.73	11.07

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

date	15-Aug-09	time	2.93	3.87	4.77	6.57	8.33	10.16	10.16	5 / 4			
reaction time	0.146	interval		0.94	0.90	1.80	1.76	1.83		# of strides	3.87	2.70	
wind	0.4 m/s	velocity	6.83	10.64	11.11	11.11	11.36	10.93	9.84		7.75	11.11	

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

date	15-Aug-09	time	2.97	3.92	4.83	6.63	8.42	10.30	10.30	2 / 2			
reaction time	0.141	interval		0.95	0.91	1.80	1.79	1.88		# of strides	3.92	2.71	
wind	-0.5 m/s	velocity	6.73	10.53	10.99	11.11	11.17	10.64	9.71		7.65	11.07	

Piaho, Amir (IRI) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

FINAL - 2008 Asian Indoor Championships (Doha, QAT) *Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*

date	14-Feb-08	time	1.92	3.03	4.01	4.96	5.90	6.85		6.85	1 / 7		
reaction time		interval		1.11	0.98	0.95	0.94	0.95		# of strides	4.01	2.84	
wind		velocity	5.21	9.01	10.20	10.53	10.64	10.53		8.76		7.48	10.56

Pieper, Christopher (GER) (1992) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	06-Aug-10	time	3.10	4.08	5.01	6.88	8.81	10.81	10.81	/ 5			
reaction time		interval		0.98	0.93	1.87	1.93	2.00		# of strides	4.08	2.80	
wind	0.5 m/s	velocity	6.45	10.20	10.75	10.70	10.36	10.00	9.25		7.35	10.71	

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

date	06-Aug-10	time	3.11	4.09	5.03	6.91	8.82	10.78	10.78	/ 1			
reaction time		interval		0.98	0.94	1.88	1.91	1.96	PB	# of strides	4.09	2.82	
wind	-0.4 m/s	velocity	6.43	10.20	10.64	10.64	10.47	10.20	9.28		7.33	10.64	

Pichonnaz, Alan (SUI) (2001) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	30-Jun-23	time	2.10	3.22	4.22	5.18	6.12	7.06	8.01	8.97	9.95	10.94	10.94
reaction time	0.173	interval		1.12	1.00	0.96	0.94	0.94	0.95	0.96	0.98	0.99	
wind	-0.8 m/s	velocity	4.76	8.93	10.00	10.42	10.64	10.64	10.53	10.42	10.20	10.10	9.14

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Pihl, Linus (SWE) (2003)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	02-Jun-24	time	2.01	3.10	4.08	5.02	5.94	6.91	7.84	8.74	9.68	10.65	10.65	7 / 5			
reaction time	0.148	interval		1.09	0.98	0.94	0.92	0.97	0.93	0.90	0.94	0.97		# of strides	4.08	2.83	2.77
wind	-1.6 m/s	velocity	4.98	9.17	10.20	10.64	10.87	10.31	10.75	11.11	10.64	10.31	9.39		7.35	10.60	10.83
Pilarczyk, Ryszard (POL) (1975)																	
B FINAL 2 - 2001 European Cup (Bremen, GER)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
date	23-Jun-01	time		2.99	3.96	4.89		6.72		8.54		10.41	10.41	/ 1			
reaction time	0.146	interval			0.97	0.93		1.83		1.82		1.87		# of strides	3.96	2.76	
wind	1.3 m/s	velocity		6.69	10.31	10.75		10.93		10.99		10.70	9.61		7.58	10.87	
Planchon, Jilcien (BEL) (2006)																	
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	08-Sep-23	time	2.02	3.14	4.16	5.13	6.10	7.07	8.05	9.04	10.07	11.12	11.12	1 / 4			
reaction time	0.135	interval		1.12	1.02	0.97	0.97	0.97	0.98	0.99	1.03	1.05	PB	# of strides	4.16	2.91	3.00
wind	-0.4 m/s	velocity	4.95	8.93	9.80	10.31	10.31	10.31	10.20	10.10	9.71	9.52	8.99		7.21	10.31	10.00
Plesse, Simon (SWE) (2002)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	02-Jun-24	time	1.99	3.06	4.05	5.00	5.95	6.88	7.84	8.79	9.76	10.73	10.73	3 / 7			
reaction time	0.157	interval		1.07	0.99	0.95	0.95	0.93	0.96	0.95	0.97	0.97		# of strides	4.05	2.83	2.88
wind	-1.6 m/s	velocity	5.03	9.35	10.10	10.53	10.53	10.75	10.42	10.53	10.31	10.31	9.32		7.41	10.60	10.42
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)																	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time		3.04	3.99	4.90		6.67		8.47		10.29	10.29	/ 7			
reaction time	0.143	interval			0.95	0.91		1.77		1.80		1.82		# of strides	3.99	2.68	
wind	1.4 m/s	velocity		6.58	10.53	10.99		11.30		11.11		10.99	9.72		7.52	11.19	
Heat 2 - 2009 Meeting Pas de Calais (Lieviv, FRA)													<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lieviv-m605.pdf</i>				
date	10-Feb-09	time			4.01		5.85	6.75				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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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)																	
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)																	
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)													<i>PrimeTime Timing (2020) - https://results.nbindoorgandprix.com/</i>				
date	25-Jan-19	time	2.13	3.15	4.09	5.01	5.89	6.71				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)													<i>Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/</i>				
date	04-Jul-15	time			3.81		6.37	8.07		9.81		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

reaction time	0.148	interval	1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.86	0.86	=WR	# of strides	3.81	2.55	2.55											
wind	1.0 m/s	velocity	5.35	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.63	11.63	10.24	45.0	7.87	11.76	11.76										
FINAL - 2006 Norwich Union (Gateshead, GBR)													<i>Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)</i>														
date	11-Jun-06	time	1.86	2.88	3.81	4.68	5.53	6.37	7.21	8.06	8.91	9.77	9.77	4 / 1													
reaction time	0.145	interval	1.02	0.93	0.87	0.85	0.84	0.84	0.85	0.85	0.86	=WR	# of strides	3.81	2.56	2.54											
wind	1.5 m/s	velocity	5.38	9.80	10.75	11.49	11.76	11.90	11.90	11.76	11.76	11.63	10.24	45.0	7.87	11.72	11.81										
FINAL - 2005 Tsikilitiria Super Grand Prix (Athens, GRE)													<i>Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15</i>														
date	14-Jun-05	time	1.89	2.91	3.83	4.69	5.54	6.39	7.23	8.07	8.92	9.77	9.77	5 / 1													
reaction time	0.150	interval	1.02	0.92	0.86	0.85	0.85	0.84	0.84	0.85	0.85	WR	# of strides	3.83	2.56	2.53											
wind	1.6 m/s	velocity	5.29	9.80	10.87	11.63	11.76	11.76	11.90	11.90	11.76	11.76	10.24	45.4	7.83	11.72	11.86										
FINAL - 2005 Jamaica Invitational (Kingston, JAM)													<i>ferrari (2009) - Split 100 metri uomini e donne (www.noivelocisti.net/forum?func=view&catid=9&id=1813)</i>														
date	07-May-05	time			3.84			6.41		8.10		9.84	9.84	/ 1													
reaction time	0.174	interval						2.57		1.69		1.74	AR	# of strides	3.84	2.57											
wind	1.8 m/s	velocity			7.81			11.67		11.83		11.49	10.16	44.7	7.81	11.67											
FINAL - 2004 Olympic Games (Athens, GRE)													<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	6.46	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		2.59										
wind	0.6 m/s	velocity	5.32	9.62			11.19	11.63	11.76			11.49	11.24	10.06	44.5		11.58										
Pöyhönen, Markus (FIN) (1978)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2002 European Championships (Munich, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-02	time		2.94	3.91	4.83			6.62	8.43		10.31	10.31	/ 5-4													
reaction time	0.163	interval		0.97	0.92				1.79	1.81		1.88		# of strides	3.91	2.71											
wind	-0.3 m/s	velocity		6.80	10.31	10.87			11.17	11.05		10.64	9.70		7.67	11.07											
Semi-Final 1 - 2002 European Championships (Munich, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-02	time		2.93	3.90	4.82			6.63	8.45		10.35	10.35	/ 4-3													
reaction time	0.148	interval		0.97	0.92				1.81	1.82		1.90		# of strides	3.90	2.73											
wind	0.0 m/s	velocity		6.83	10.31	10.87			11.05	10.99		10.53	9.66		7.69	10.99											
Quarter-Final 2 - 2002 European Championships (Munich, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	06-Aug-02	time				4.79			6.60	8.42		10.32	10.32	/ 2													
reaction time	0.132	interval							1.81	1.82		1.90		# of strides													
wind	0.5 m/s	velocity				8.35			11.05	10.99		10.53	9.69														
Predanič, Rok (SLO) (1977)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2002 European Championships (Munich, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-02	time		2.93	3.90	4.82			6.63	8.45		10.33	10.33	/ 5													
reaction time	0.132	interval		0.97	0.92				1.81	1.82		1.88	=PB	# of strides	3.90	2.73											
wind	0.1 m/s	velocity		6.83	10.31	10.87			11.05	10.99		10.64	9.68		7.69	10.99											
Prenzler, Olaf (GDR) (1958)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR)													<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazklus 1981/84</i>														
date	09-Jul-82	time			4.02				6.68	8.46		10.25	10.25	/ 3													
reaction time		interval							2.66	1.78		1.79		# of strides	4.02	2.66											
wind	2.1 m/s	velocity			7.46				11.28	11.24		11.17	9.76		7.46	11.28											
Prescod, Reece (GBR) (1996)													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)													<i>Omega Timing (2024) - diamond league race analysis</i>														
date	20-Jul-24	time	1.95	3.03	3.99	4.90	5.79	6.65	7.52	8.38	9.25	10.14	10.14	4 / 2													
reaction time	0.148	interval	1.08	0.96	0.91	0.89	0.86	0.87	0.86	0.87	0.89	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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
date	02-Jul-23	time	1.92	2.99	3.93	4.83	5.71	6.58	7.45	8.32	9.21	10.14	10.14	4 / 2													
reaction time	0.110	interval	1.07	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.93		# of strides	3.93	2.65	2.63											
wind	1.0 m/s	velocity	5.21	9.35	10.64	11.11	11.36	11.49	11.49	11.49	11.24	10.75	9.86	44.0	7.63	11.32	11.41										
FINAL - 2023 FBK Games (Hengelo, NED)													<i>Omega Timing (2023) - continental tour race analysis</i>														
date	04-Jun-23	time	1.90	2.95	3.89	4.79	5.66	6.53	7.39	8.25	9.10	9.99	9.99	6 / 1													
reaction time	0.126	interval	1.05	0.94	0.90	0.87	0.87	0.86	0.86	0.85	0.89		# of strides	3.89	2.64	2.57											
wind	0.4 m/s	velocity	5.26	9.52	10.64	11.11	11.49	11.49	11.63	11.63	11.76	11.24	10.01	43.5	7.71	11.36	11.67										
FINAL - 2022 Weltklasse (Zürich, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>														
date	08-Sep-22	time		3.00			4.86		6.62	8.37		10.16	10.16	6 / 6													
reaction time	0.165	interval					1.86		1.76	1.75		1.79		# of strides													
wind	-0.3 m/s	velocity		6.67			10.75		11.36	11.43		11.17	9.84	43.2													

FINAL - 2022 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	30-Jun-22	time	3.05	4.90	6.64	8.37	10.15	10.15	6 / 2								
reaction time	0.163	interval		1.85	1.74	1.73	1.78		# of strides								
wind	-0.5 m/s	velocity	6.56	10.81	11.49	11.56	11.24	9.85	43.7								
FINAL - 2022 Bislett Games (Oslo, NOR)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	16-Jun-22	time	2.99	4.85	6.60	8.32	10.06	10.06	3 / 2								
reaction time	0.135	interval		1.86	1.75	1.72	1.74		# of strides								
wind	0.5 m/s	velocity	6.69	10.75	11.43	11.63	11.49	9.94	43.7								
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	21-May-22	time	3.08	5.01	6.86	8.72	10.65	10.65	7 / 7								
reaction time	0.136	interval		1.93	1.85	1.86	1.93		# of strides								
wind	-0.2 m/s	velocity	6.49	10.36	10.81	10.75	10.36	9.39	44.0								
FINAL - 2017 IAAF World Championships (London, GBR)													<i>Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final</i>				
date	05-Aug-17	time	2.04	3.09	4.01	4.93	5.82	6.68	7.54	8.41	9.29	10.17	10.17	9 / 7			
reaction time	0.145	interval		1.05	0.92	0.92	0.89	0.86	0.86	0.87	0.88	0.88		# of strides	4.01	2.67	2.61
wind	-0.8 m/s	velocity	4.90	9.52	10.87	10.87	11.24	11.63	11.63	11.49	11.36	11.36	9.83	44.1	7.48	11.24	11.49
Priam, Aymeric (FRA) (2000)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	18-Jun-22	time	3.00	4.88	6.69	8.50	10.35	10.35	1 / 4								
reaction time	0.144	interval		1.88	1.81	1.81	1.85		# of strides								
wind	-1.6 m/s	velocity	6.67	10.64	11.05	11.05	10.81	9.66									
Pritchett, Matthieu (USA) (1986)													<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		interval		1.09	1.02	0.96	0.92	0.91	0.93	0.95	0.93	0.97		# of strides	4.06	2.79	2.81
wind	-0.4 m/s	velocity	5.13	9.17	9.80	10.42	10.87	10.99	10.75	10.53	10.75	10.31	9.41		7.39	10.75	10.68
Procházka, Jáchym (CZE) (1997)													<i>Feher (2014) - Final report from the U18 & 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
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & 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									
Puggioni, Giovanni (ITA) (1966)													<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	1 / 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							
Quainoo, Jeriel (GBR) (2003)													<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
Quan Yingrui (CHN) (1997)													<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	PB	# of strides	3.97	2.71	2.75
wind	0.1 m/s	velocity	5.13	9.43	10.42	10.87	11.11	11.24	10.99	10.99	10.75	10.42	9.62	45.2	7.56	11.07	10.91
Quinn, Devin (USA) (1996)													<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										
Rahman, Imran (BAN) (1993)													<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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Raja, Andres (EST) (1982)																	
Decathlon - Heat 3 - 2009 IAAF World Championships (Berlin, GER)												<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				
Ramdhan, Tommy (GBR) (1996)																	
FINAL - 2022 FBK Games (Hengelo, NED)												<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			
Rapp, Ondrej (CZE) (1997)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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				
Rashad, Ahmad (USA) (1987)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA)												<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
Rask, Jesper (SWE) (1997)																	
F FINAL - 2014 Windsprint (Sundsvall, SWE)												<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		PB	# of strides	4.23	3.01	
wind	1.5 m/s	velocity			7.09		9.97				9.69		8.80		7.09	9.97	
H FINAL - 2013 Windsprint (Sundsvall, SWE)												<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	
Rasmussen Osazuwa, Peter Efe (NOR) ()																	
C FINAL - 2015 Windsprint (Sundsvall, SWE)												<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				
Ratray, Kevaghn (JAM) (1996)																	
FINAL - 2020 Millrose Games (New York, NY)												<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>					
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
Ray, Eugen (GDR) (1957)																	
FINAL - 1977 East German National Championships (Dresden, GDR)												<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>					
date	01-Jul-77	time			3.92		6.60		8.36		10.14		10.14	/ 1			
reaction time		interval					2.68		1.76		1.78		=PB	# of strides	3.92	2.68	
wind	1.6 m/s	velocity			7.65		11.19		11.36		11.24		9.86		7.65	11.19	
FINAL - 1977 Olympischer Tag (East Berlin, GDR)												<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>					
date	15-Jun-77	time			3.95		6.64		8.47		10.30		10.30	/ 1			
reaction time		interval					2.69		1.83		1.83			# of strides	3.95	2.69	
wind	-1.1 m/s	velocity			7.59		11.15		10.93		10.93		9.71		7.59	11.15	
FINAL - 1976 East German National Indoor Championships (East Berlin, GDR)												<i>Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen</i>					
date	25-Jan-76	time			3.90		6.60		8.37		10.16		10.16	/ 1			
reaction time		interval					2.70		1.77		1.79		WJBi	# of strides	3.90	2.70	
wind		velocity			7.69		11.11		11.30		11.17		9.84		7.69	11.11	
FINAL - 1975 Olympischer Tag (East Berlin, GDR)												<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>					
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					
Reed, William (MHL) (2005)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Prelim 1 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	03-Aug-24	time	2.04	3.17	4.22	5.22	6.20	7.18	8.19	9.21	10.23	11.29	11.29	7 / 6						
reaction time	0.172	interval	1.13	1.05	1.00	0.98	0.98	1.01	1.02	1.02	1.06		PB	# of strides	4.22	2.96	3.05			
wind	0.6 m/s	velocity	4.90	8.85	9.52	10.00	10.20	10.20	9.90	9.80	9.80	9.43	8.86	50.0	7.11	10.14	9.84			
Reinaru, Kristjan (EST) (1989)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2006 Estonian National Championships (Tallinn, EST)													<i>Misjuk (2011) - running velocity dynamics in 100m sprint</i>							
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				
Rentería, Johnny (COL) (1997)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Heat 2 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	03-Aug-24	time	1.93	3.00	3.95	4.87	5.78	6.69	7.58	8.49	9.43	10.38	10.38	5 / 8						
reaction time	0.145	interval	1.07	0.95	0.92	0.91	0.91	0.89	0.91	0.94	0.95			# of strides	3.95	2.74	2.74			
wind	0.2 m/s	velocity	5.18	9.35	10.53	10.87	10.99	10.99	11.24	10.99	10.64	10.53	9.63	46.2	7.59	10.95	10.95			
Reus, Julian (GER) (1988)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2013 European Indoor Championships (Göteborg, SWE)													<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>							
date	02-Mar-13	time			2.94			6.62					6.62	1 / 6						
reaction time	0.137	interval					1.88		1.80					# of strides						
		velocity			6.80		10.64		11.11				9.06	29.7						
Rezniček, Jakub (CZE) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>							
date	28-Jun-14	time	2.00	3.13	4.18	5.15	6.10	7.08	8.03	9.01	9.99	11.03	11.03	6 / 2						
reaction time	0.158	interval		1.13	1.05	0.97	0.95	0.98	0.95	0.98	0.98	1.04		# of strides	4.18	2.90	2.91			
wind	-3.4 m/s	velocity	5.00	8.85	9.52	10.31	10.53	10.20	10.53	10.20	10.20	9.62	9.07		7.18	10.34	10.31			
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>							
date	28-Jun-14	time			3.18			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							
Ričar, Martin (CZE) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>							
date	15-Jun-13	time	2.03	3.10	4.12	5.08	6.03	6.97	7.92	8.87	9.85	10.86	10.86	1 / 7						
reaction time	0.144	interval		1.07	1.02	0.96	0.95	0.94	0.95	0.95	0.98	1.01		# of strides	4.12	2.85	2.88			
wind	0.8 m/s	velocity	4.93	9.35	9.80	10.42	10.53	10.64	10.53	10.53	10.20	9.90	9.21		7.28	10.53	10.42			
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>							
date	15-Jun-13	time			3.10			6.95		8.87		10.86	10.86	2 / 4						
reaction time	0.121	interval					1.96		1.89		1.92	1.99		# of strides						
wind	1.4 m/s	velocity			6.45		10.20		10.58		10.42	10.05	9.21							
Richardson, Benjamin (RSA) (2003)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	04-Aug-24	time	1.87	2.91	3.83	4.71	5.57	6.44	7.30	8.16	9.05	9.95	9.95	9 / 3						
reaction time	0.148	interval		1.04	0.92	0.88	0.86	0.87	0.86	0.86	0.89	0.90		# of strides	3.83	2.61	2.61			
wind	0.5 m/s	velocity	5.35	9.62	10.87	11.36	11.63	11.49	11.63	11.63	11.24	11.11	10.05	43.0	7.83	11.49	11.49			
Heat 5 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	03-Aug-24	time	1.88	2.93	3.86	4.76	5.64	6.51	7.38	8.26	9.15	10.06	10.06	6 / 4						
reaction time	0.134	interval		1.05	0.93	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.86	2.65	2.64			
wind	-0.3 m/s	velocity	5.32	9.52	10.75	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.94	43.0	7.77	11.32	11.36			
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2023) - diamond league race analysis</i>							
date	02-Jul-23	time	1.94	3.01	3.97	4.88	5.77	6.65	7.54	8.42	9.33	10.24	10.24	7 / 2						
reaction time	0.163	interval		1.07	0.96	0.91	0.89	0.88	0.89	0.88	0.91	0.91		# of strides	3.97	2.68	2.68			
wind	-0.1 m/s	velocity	5.15	9.35	10.42	10.99	11.24	11.36	11.24	11.36	10.99	10.99	9.77		7.56	11.19	11.19			
Richter, David (CZE) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>							
date	28-Jun-14	time	2.08	3.20	4.26	5.29	6.29	7.30	8.32	9.34	10.37	11.43	11.43	2 / 6						
reaction time	0.167	interval		1.12	1.06	1.03	1.00	1.01	1.02	1.02	1.03	1.06		# of strides	4.26	3.04	3.07			
wind	-2.1 m/s	velocity	4.81	8.93	9.43	9.71	10.00	9.90	9.80	9.80	9.71	9.43	8.75		7.04	9.87	9.77			
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>							
date	28-Jun-14	time			3.20			7.30		9.33		11.41	11.41	6 / 2						

reaction time	0.172	interval		2.09	2.01	2.03	2.08		# of strides									
wind	-2.7 m/s	velocity	6.25	9.57	9.95	9.85	9.62	8.76										
Ridanpää, Tero (FIN) (1972)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1994 (Tønsberg, NOR)																		
date	20-Jul-94	time		4.06				6.89		8.74		10.69	10.69		/ 6			
reaction time		interval						2.83		1.85		1.95			# of strides	4.06	2.83	
wind	1.8 m/s	velocity		7.39				10.60		10.81		10.26	9.35			7.39	10.60	
Riis, Jacob (DEN) (1984)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
C FINAL - 2009 Windsprint (Sundsvall, SWE)																		
date	25-Jul-09	time		4.41				7.46		9.46		11.55	11.55		/ 8			
reaction time		interval						3.05		2.00		2.09			# of strides	4.41	3.05	
wind	3.0 m/s	velocity		6.80				9.84		10.00		9.57	8.66			6.80	9.84	
Roach, Kimmari (JAM) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2010 Windsprint (Sundsvall, SWE)																		
date	08-Aug-10	time		3.91				6.58		8.35		10.21	10.21		/ 1			
reaction time		interval						2.67		1.77		1.86			# of strides	3.91	2.67	
wind	0.7 m/s	velocity		7.67				11.24		11.30		10.75	9.79			7.67	11.24	
Robertson, Andrew (GBR) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2010 Windsprint (Sundsvall, SWE)																		
date	08-Aug-10	time		3.97				6.76		8.59		10.53	10.53		/ 5			
reaction time		interval						2.79		1.83		1.94			# of strides	3.97	2.79	
wind	0.7 m/s	velocity		7.56				10.75		10.93		10.31	9.50			7.56	10.75	
Röder, Adam (CZE) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)																		
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)																		
date	28-Jun-14	time		3.13				5.18		7.19		9.19	11.31	11.31		4 / 1		
reaction time	0.163	interval						2.05		2.01		2.00	2.12		# of strides			
wind	-2.7 m/s	velocity		6.39				9.76		9.95		10.00	9.43	8.84				
Rodgers, Michael (USA) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)																		
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)																		
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)																		
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)																		
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)																		
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)																		
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)																		
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	1.7	1.8	1.76	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	9.96	44.5	7.71	11.28						
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	2.91	3.84	4.72		6.47	8.20	10.01	10.01	6 / 1								
reaction time	0.147	interval	0.93	0.88		1.75	1.73	1.81			# of strides	3.84	2.63						
wind	0.4 m/s	velocity	6.87	10.75	11.36		11.43	11.56	11.05	9.99	7.81	11.41							
Heat 12 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	2.96	3.91	4.81		6.62	8.40	10.25	10.25	3 / 1								
reaction time	0.157	interval	0.95	0.90		1.81	1.78	1.85			# of strides	3.91	2.71						
wind	-0.4 m/s	velocity	6.76	10.53	11.11		11.05	11.24	10.81	9.76	7.67	11.07							
FINAL - 2008 IAAF World Athletic Final (Stuttgart, GER)										<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>									
date	13-Sep-08	time	3.04	3.99	4.90	5.79	6.72	7.55	8.44	10.27	10.27	8 / 6							
reaction time	0.182	interval	0.95	0.91	0.89	0.93	0.83	0.89	1.83		# of strides	3.99	2.73						
wind	0.4 m/s	velocity	6.58	10.53	10.99	11.24	10.75	12.05	11.24	10.93	9.74	7.52	10.99						
FINAL - 2008 USA Olympic Trials (Eugene, OR)										<i>USATF Women's Sprint Development with HPC (2008)</i>									
date	29-Jun-08	time	1.96	2.97	3.90	4.78	5.67	6.51	7.39	8.25	9.13	10.01	10.01	1 / 7					
reaction time	0.166	interval	1.01	0.93	0.88	0.89	0.84	0.88	0.86	0.88	0.88			# of strides	3.90	2.61	2.62		
wind	4.1 m/s	velocity	5.10	9.90	10.75	11.36	11.24	11.90	11.36	11.63	11.36	11.36	9.99	44.2	7.69	11.49	11.45		
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)										<i>USATF Women's Sprint Development with HPC (2008)</i>									
date	29-Jun-08	time	1.98	3.00	3.93	4.83	5.72	6.57	7.47	8.33	9.26	10.18	10.18	1 / 4					
reaction time		interval	1.02	0.93	0.90	0.89	0.85	0.90	0.86	0.93	0.92			# of strides	3.93	2.64	2.69		
wind	0.5 m/s	velocity	5.05	9.80	10.75	11.11	11.24	11.76	11.11	11.63	10.75	10.87	9.82	45.2	7.63	11.36	11.15		
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)										<i>USATF Women's Sprint Development with HPC (2008)</i>									
date	28-Jun-08	time	1.88	2.98	3.92	4.82	5.67	6.51	7.37	8.27	9.14	10.07	10.07	1 / 5					
reaction time		interval	1.10	0.94	0.90	0.85	0.84	0.86	0.90	0.87	0.93			# of strides	3.92	2.59	2.63		
wind	1.6 m/s	velocity	5.32	9.09	10.64	11.11	11.76	11.90	11.63	11.11	11.49	10.75	9.93	44.5	7.65	11.58	11.41		
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)										<i>USATF Women's Sprint Development with HPC (2008)</i>									
date	28-Jun-08	time	2.01	3.00	3.94	4.85	5.70	6.59	7.45	8.33	9.27	10.15	10.15	5 / 5					
reaction time		interval	0.99	0.94	0.91	0.85	0.89	0.86	0.88	0.94	0.88			# of strides	3.94	2.65	2.68		
wind	1.7 m/s	velocity	4.98	10.10	10.64	10.99	11.76	11.24	11.63	11.36	10.64	11.36	9.85	7.61	11.32	11.19			
Rodríguez, Ángel David (ESP) (1980) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																			
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	3.00	3.98	4.91		6.74	8.54	10.39	10.39	2 / 8								
reaction time	0.149	interval	0.98	0.93		1.83	1.80	1.85			# of strides	3.98	2.76						
wind	0.1 m/s	velocity	6.67	10.20	10.75		10.93	11.11	10.81	9.62	7.54	10.87							
Heat 7 - 2009 IAAF World Championships (Berlin, GER)										<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>									
date	15-Aug-09	time	3.01	3.98	4.90		6.74	8.54	10.39	10.39	5 / 5								
reaction time	0.150	interval	0.97	0.92		1.84	1.80	1.85			# of strides	3.98	2.76						
wind	0.4 m/s	velocity	6.64	10.31	10.87		10.87	11.11	10.81	9.62	7.54	10.87							

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Rogo, Desmond (SWE) (1996)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.03	3.15	4.13	5.07	6.01	6.94	7.87	8.82	9.77	10.72	10.72	8 / 6			
reaction time	0.153	interval		1.12	0.98	0.94	0.94	0.93	0.93	0.95	0.95	0.95		# of strides	4.13	2.81	2.83
wind	-1.6 m/s	velocity	4.93	8.93	10.20	10.64	10.64	10.75	10.75	10.53	10.53	10.53	9.33		7.26	10.68	10.60
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	02-Jul-23	time	1.99	3.09	4.08	5.03	5.95	6.86	7.77	8.69	9.62	10.55	10.55	6 / 4			
reaction time	0.133	interval		1.10	0.99	0.95	0.92	0.91	0.91	0.92	0.93	0.93		# of strides	4.08	2.78	2.76
wind	-0.1 m/s	velocity	5.03	9.09	10.10	10.53	10.87	10.99	10.99	10.87	10.75	10.75	9.48		7.35	10.79	10.87
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	04-Jul-21	time		3.1		5.0		6.9		8.7		10.54	10.54	1 / 6			
reaction time	0.138	interval				1.90		1.90		1.80		1.84	PB	# of strides			
wind	0.5 m/s	velocity		6.45		10.53		10.53		11.11		10.87	9.49	46.0			
A FINAL - 2017 Windsprint (Sundsvall, SWE)												<i>(2017) - www.windsprint/Splittider/</i>					
date	30-Jul-17	time			4.10		5.95		6.86		8.73		10.65	10.65	4 / 4		
reaction time		interval					1.85		0.91		1.87		1.92		# of strides	4.10	2.76
wind	1.8 m/s	velocity			7.32		10.81		10.99		10.70		10.42	9.39		7.32	10.87
Rooth, Markus (NOR) (2001)																	
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	1.98	3.10	4.10	5.06	5.98	6.92	7.86	8.81	9.76	10.71	10.71	8 / 1			
reaction time	0.151	interval		1.12	1.00	0.96	0.92	0.94	0.94	0.95	0.95	0.95	PB	# of strides	4.10	2.82	2.84
wind	0.9 m/s	velocity	5.05	8.93	10.00	10.42	10.87	10.64	10.64	10.53	10.53	10.53	9.34	97.0	7.32	10.64	10.56
Rose, Odain (SWE) (1992)																	
National FINAL - 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			
A FINAL - 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		1.91	# of strides	3.97	2.76	
wind	1.0 m/s	velocity			7.56		10.87		10.99		10.47		9.56		7.56	10.87	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	02-Mar-13	time		2.92		4.79		6.62				6.62	6.62	8 / 5			
reaction time	0.147	interval				1.87		1.83				9.06	PB	# of strides			
wind		velocity		6.85		10.70		10.93					9.06	29.0			
FINAL - 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 / 7			
reaction time		interval					2.85		1.93		2.34			# of strides	4.03	2.85	
wind	0.1 m/s	velocity			7.44		10.53		10.36		8.55		8.97		7.44	10.53	
B FINAL - 2011 Windsprint (Sundsvall, SWE)												<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 FINAL - 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 / 4			
reaction time		interval					2.85		1.91		1.98			# of strides	4.05	2.85	
wind	1.8 m/s	velocity			7.41		10.53		10.47		10.10		9.27		7.41	10.53	
B FINAL - 2009 Windsprint (Sundsvall, SWE)												<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 / 8			
reaction time		interval					2.89		1.96		2.03			# of strides	4.07	2.89	
wind	1.1 m/s	velocity			7.37		10.38		10.20		9.85		9.13		7.37	10.38	
Rosenberg, Michael (NOR) (1990)																	
C FINAL - 2015 Windsprint (Sundsvall, SWE)												<i>(2015) - www.windsprint/Splittider/</i>					
date	26-Jul-15	time					6.94				10.99	10.99	10.99	2 / 7			
reaction time		interval									4.05			# of strides			
wind	0.6 m/s	velocity					8.65				9.88	9.10					
F FINAL - 2013 Windsprint (Sundsvall, SWE)												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
date	28-Jul-13	time			4.11		7.07		9.07		11.16	11.16	11.16	4 / 5			

	wind		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	-0.3 m/s	velocity	6.69	10.64	11.24	11.43	11.56	11.36	9.94	43.7	7.63	11.36					
Saito, Hitoshi (JPN) (1986)																	
Heat 2 - 2012 Mikio Oda Memorial (Hiroshima, JPN)																	
date	29-Apr-12	time	1.95	3.03	4.01	4.94	5.85	6.75	7.65	8.54	9.44	10.36	10.36	7 / 4			
reaction time		interval	1.08		0.98	0.93	0.91	0.90	0.90	0.89	0.90	0.92		# of strides	4.01	2.74	2.69
wind	2.0 m/s	velocity	5.13	9.26	10.20	10.75	10.99	11.11	11.11	11.24	11.11	10.87	9.65	46.2	7.48	10.95	11.15
Semi-Final 1 - 2010 Japanese Corporate Championships (Niigata, JPN)																	
date	26-Sep-10	time			4.08			6.92				10.77	10.77	/ 2			
reaction time		interval						2.84				3.85		# of strides	4.08	2.84	
wind	0.7 m/s	velocity			7.35			10.56				10.39	9.29	46.1	7.35	10.56	
Heat 5 - 2010 Japanese Corporate Championships (Niigata, JPN)																	
date	26-Sep-10	time			4.04			6.86				10.67	10.67	/ 1			
reaction time		interval						2.82				3.81		# of strides	4.04	2.82	
wind	0.6 m/s	velocity			7.43			10.64				10.50	9.37	46.5	7.43	10.64	
??? - 2010 Mikio Oda Memorial (Hiroshima, JPN)																	
date	29-Apr-10	time			4.05			6.83				10.55	10.55	???			
reaction time		interval						2.78				3.72		# of strides	4.05	2.78	
wind	???	velocity			7.41			10.79				10.75	9.48	45.7	7.41	10.79	
??? - 2009 Japanese National University Championships (Tokyo, JPN)																	
date	04-Sep-09	time			3.99			6.77				10.49	10.49	???			
reaction time		interval						2.78				3.72		# of strides	3.99	2.78	
wind	???	velocity			7.52			10.79				10.75	9.53	46.3	7.52	10.79	
Heat 3 - 2009 Mikio Oda Memorial (Hiroshima, JPN)																	
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	0.90	0.93		# of strides	4.02	2.72	2.68
wind	2.2 m/s	velocity	5.05	9.35	10.31	10.87	10.99	11.24	11.24	11.24	11.11	10.75	9.66		7.46	11.03	11.19
Semi-Final 1 - 2008 Japanese National University Championships (Tokyo, JPN)																	
date	13-Sep-08	time			3.96			6.71				10.36	10.36	/ 2			
reaction time		interval						2.75				3.65		# of strides	3.96	2.75	
wind	0.9 m/s	velocity			7.58			10.91				10.96	9.65	45.7	7.58	10.91	
Heat 1 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)																	
date	06-Jul-08	time	1.96	3.01	3.98	4.91	5.81	6.72	7.62	8.54	9.47	10.42	10.42	/ 2			
reaction time		interval			1.05	0.97	0.93	0.90	0.91	0.90	0.92	0.93	0.95	# of strides	3.98	2.74	2.75
wind	0.5 m/s	velocity	5.10	9.52	10.31	10.75	11.11	10.99	11.11	10.87	10.75	10.53	9.60		7.54	10.95	10.91
Semi-Final 1 - 2008 Kanto Championships (Tokyo, JPN)																	
date	18-May-08	time			3.96			6.69				10.35	10.35	/ 1			
reaction time		interval						2.73				3.66	PB	# of strides	3.96	2.73	
wind	0.1 m/s	velocity			7.58			10.99				10.93	9.66	46.5	7.58	10.99	
Saito, Isami (JPN) (1999)																	
date	30-Jul-16	time			3.00	4.08	5.07	6.02	6.97	7.92	8.87	10.84	10.84	/ 5			
reaction time	0.128	interval			1.08	0.99	0.95	0.95	0.95	0.95	0.95	1.97		# of strides	4.08	2.89	
wind	3.0 m/s	velocity			6.67	9.26	10.10	10.53	10.53	10.53	10.53	10.15	9.23		7.35	10.38	
Sakaguchi, Takuya (JPN) (1992)																	
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		0.94	0.97	0.96	0.98	0.99	1.03		# of strides			2.93
wind	-2.1 m/s	velocity	5.00	9.35		10.05	10.64	10.31	10.42	10.20	10.10	9.71	9.15				10.24
Sakai, Ryuichiro (JPN) (1998)																	
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	0.161	interval			1.05	0.95	0.89	0.89	0.88	0.90	0.92	0.91		# of strides	3.89	2.67	2.70
wind	0.3 m/s	velocity	5.29	9.52	10.53	11.24	11.24	11.24	11.36	11.11	10.87	10.99	9.83	52.5	7.71	11.24	11.11
Semi-Final 1 - 2019 Japanese National Championships (Fukuoka, JPN)																	
date	27-Jun-19	time	1.84	2.90	3.86	4.79	5.69	6.59	7.49	8.41	9.33	10.28	10.28	5 / 4			
reaction time	0.131	interval			1.06	0.96	0.93	0.90	0.90	0.92	0.92	0.95	PB	# of strides	3.86	2.73	2.74
wind	0.2 m/s	velocity	5.43	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.53	9.73	52.0	7.77	10.99	10.95
Sakai, Taku (JPN)																	
date		time															
reaction time		interval												# of strides			
wind		velocity															

date	04-Aug-24	time	1.89	2.95	3.90	4.80	5.68	6.55	7.42	8.28	9.13	10.05	10.05	8 / 7			
reaction time	0.160	interval		1.06	0.95	0.90	0.88	0.87	0.87	0.86	0.85	0.92		# of strides	3.90	2.65	2.58
wind	0.5 m/s	velocity	5.29	9.43	10.53	11.11	11.36	11.49	11.49	11.63	11.76	10.87	9.95	45.7	7.69	11.32	11.63
Heat 5 - 2024 Olympic Games (Paris, FRA)														<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	11.41
Samuels, J-Mee (USA) (1987)																	
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)														<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	11.41
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)														<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)														<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	
FINAL - 2005 USATF National Junior Championships (Carson, CA)														<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	
Samuelsson, Jakob (SWE) (1998)																	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)														<i>(2016) - www.windsprint/Splittider/</i>			
date	31-Jul-16	time		4.41			7.48					11.69	11.69	5 / 5			
reaction time		interval					3.07					4.21		# of strides	4.41	3.07	
wind	1.5 m/s	velocity		6.80			9.77					9.50	8.55	6.80	9.77		
Sandin, Christofer (SWE) (1979)																	
FINAL - 2007 Windsprint (Sundsvall, SWE)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	24-Jul-07	time		4.11			6.95		8.85			10.83	10.83	1 / 6			
reaction time		interval					2.84		1.90			1.98		# of strides	4.11	2.84	
wind	1.4 m/s	velocity		7.30			10.56		10.53			10.10	9.23	7.30	10.56		
Sandström, Emil (SWE) (2000)																	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)														<i>(2016) - www.windsprint/Splittider/</i>			
date	31-Jul-16	time		4.28			7.32					11.50	11.50	6 / 2			
reaction time		interval					3.04					4.18		# of strides	4.28	3.04	
wind	1.5 m/s	velocity		7.01			9.87					9.57	8.70	7.01	9.87		
Sangouma, Daniel (FRA) (1965)																	
Heat 1 - 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	1.94	3.03	4.02	4.95	5.88	6.79					6.79	1 / 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		
FINAL - 1991 European Cup (Frankfurt, GER)														<i>Federle (2003) - http://www.fgs.uni-halle.de</i>			
date	29-Jun-91	time		3.90			6.59		8.37			10.20	10.20	1 / 2			
reaction time		interval					2.69		1.78			1.83		# of strides	3.90	2.69	
wind	0.5 m/s	velocity		7.69			11.15		11.24			10.93	9.80	7.69	11.15		
FINAL - 1989 IAAF World Cup (Barcelona, ESP)														<i>Pascua (1990) - atletismo (I) carreras y marcha</i>			
date	08-Sep-89	time		2.97		4.83	5.72	6.61	7.48	8.37		10.17	10.17	1 / 3			
reaction time	0.162	interval				1.86	0.89	0.89	0.87	0.89		1.80	=PB	# of strides			
wind	0.5 m/s	velocity		6.73		10.75	11.24	11.24	11.49	11.24		11.11	9.83	43.9			
Sani Brown, Abdul Hakim (JPN) (1999)																	
FINAL - 2024 Memorial van damme (Brussels, BEL)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	13-Sep-24	time	1.94	2.98	3.92	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	7 / 6			
reaction time	0.151	interval		1.04	0.94	0.89	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.92	2.64	2.64
wind	0.1 m/s	velocity	5.15	9.62	10.64	11.24	11.36	11.49	11.49	11.36	11.24	11.11	9.90	44.0	7.65	11.36	11.36
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	30-Aug-24	time	1.90	2.94	3.86	4.75	5.63	6.49	7.37	8.24	9.14	10.05	10.05	1 / 5			

reaction time	0.155	interval	1.04	0.92	0.89	0.88	0.86	0.88	0.87	0.90	0.91		# of strides	3.86	2.63	2.65	
wind	0.3 m/s	velocity	5.26	9.62	10.87	11.24	11.36	11.63	11.36	11.49	11.11	10.99	9.95	44.2	7.77	11.41	11.32
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	04-Aug-24	time	1.88	2.92	3.85	4.74	5.61	6.51	7.34	8.19	9.07	9.96	9.96	5 / 4			
reaction time	0.150	interval	1.04	0.93	0.89	0.87	0.90	0.83	0.85	0.88	0.89	PB	# of strides	3.85	2.66	2.56	
wind	0.5 m/s	velocity	5.32	9.62	10.75	11.24	11.49	11.11	12.05	11.76	11.36	11.24	10.04	44.0	7.79	11.28	11.72
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	1.89	2.93	3.87	4.76	5.62	6.50	7.37	8.22	9.12	10.02	10.02	4 / 2			
reaction time	0.138	interval	1.04	0.94	0.89	0.86	0.88	0.87	0.85	0.90	0.90		# of strides	3.87	2.63	2.62	
wind	0.0 m/s	velocity	5.29	9.62	10.64	11.24	11.60	11.39	11.49	11.76	11.11	11.11	9.98	44.0	7.75	11.41	11.45
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	1.93	2.96	3.90	4.82	5.71	6.60	7.50	8.40	9.32	10.28	10.28	5 / 5			
reaction time	0.144	interval	1.03	0.94	0.92	0.89	0.89	0.90	0.90	0.90	0.92	0.96		# of strides	3.90	2.70	2.72
wind	-1.0 m/s	velocity	5.18	9.71	10.64	10.87	11.24	11.24	11.11	11.11	10.87	10.42	9.73	44.7	7.69	11.11	11.03
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	02-Jul-23	time	1.91	2.97	3.93	4.83	5.73	6.62	7.51	8.41	9.34	10.33	10.33	2 / 6			
reaction time	0.148	interval	1.06	0.96	0.90	0.90	0.89	0.89	0.90	0.93	0.99		# of strides	3.93	2.69	2.72	
wind	1.0 m/s	velocity	5.24	9.43	10.42	11.11	11.11	11.24	11.24	11.11	10.75	10.10	9.68	45.0	7.63	11.15	11.03
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												<i>Omega Timing (2022) - diamond league race analysis</i>					
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)												<i>Omega Timing (2022) - diamond league race analysis</i>					
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)												<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>					
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	0.87	0.89	0.91		# of strides	3.86	2.62	2.63
wind	-0.3 m/s	velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.49	11.24	10.99	9.98	44.0	7.77	11.45	11.41
FINAL - 2019 SEC Championships (Fayetteville, AR)												<i>(2019) - tfdata-store.com/2019/05/19/post-1581/</i>					
date	11-May-19	time			3.86		6.48		9.09	9.99	9.99		9.99	5 / 1			
reaction time		interval					2.62		2.61	0.90	PB		# of strides	3.86	2.62	2.61	
wind	1.8 m/s	velocity		7.77		11.45			11.49	11.11	10.01		43.5	7.77	11.45	11.49	
FINAL - 2017 Japanese National Championships (Osaka, JPN)												<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	2.92	3.86	4.76	5.63	6.50	7.37	8.25	9.14	10.05	10.05	/ 1			
reaction time	0.156	interval	1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.89	0.91	PB	# of strides	3.86	2.64	2.64	
wind	0.5 m/s	velocity	5.32	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.24	10.99	9.95	44.7	7.77	11.36	11.36
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)												<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>					
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	3.95	2.70	2.74	
wind	-0.4 m/s	velocity	5.21	9.35	10.42	10.99	11.11	11.24	11.11	10.99	10.75	10.53	9.67	44.8	7.59	11.11	10.95
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)												<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>					
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	0.93		# of strides	3.92	2.74	2.71	
wind	-0.8 m/s	velocity		7.65	10.87	10.64	11.36	11.24	11.24	10.75	10.75	9.71		44.0	7.65	10.95	11.07
FINAL - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>					
date	28-Jun-15	time	1.87	2.98	3.93	4.85	5.76	6.67	7.58	8.51	9.44	10.40	10.40	/ 2			
reaction time	0.159	interval	1.11	0.95	0.92	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.74	2.77	
wind	-0.9 m/s	velocity	5.35	9.01	10.53	10.87	10.99	10.99	10.99	10.75	10.75	10.42	9.62		7.63	10.95	10.83
Sano, Yo (JPN) (1999)																	
			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)												<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>					
date	30-Jul-16	time		2.95	4.02	5.00	5.95	6.90	7.85	8.83		10.82	10.82	/ 4			
reaction time	0.137	interval			1.07	0.98	0.95	0.95	0.95	0.98		1.99		# of strides	4.02	2.88	
wind	3.0 m/s	velocity		6.78	9.35	10.20	10.53	10.53	10.53	10.20		10.05	9.24		7.46	10.42	
Santander Villarubia, Remigio (GEQ) (20)																	
Prelim 5 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	2.10	3.28	4.34	5.36	6.37	7.39	8.42	9.48	10.55	11.65	11.65	9 / 7-6			

reaction time	0.186	interval	1.18	1.06	1.02	1.01	1.02	1.03	1.06	1.07	1.10	# of strides	4.34	3.05	3.16	
wind	-0.4 m/s	velocity	4.76	8.47	9.43	9.80	9.90	9.80	9.71	9.43	9.35	9.09	8.58	6.91	9.84	9.49

Santos, Diego Moisés (ESP) (1977)	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)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
date	23-Jun-01	time	3.06	4.06	5.00	6.85	8.67	10.57	10.57	10.57	10.57	/ 5			
reaction time	0.199	interval	1.00	0.94	1.85	1.82	1.90					# of strides	4.06	2.79	
wind	1.3 m/s	velocity	6.54	10.00	10.64	10.81	10.99	10.53	9.46				7.39	10.75	

Santos, Marcos (ANG) (2004)	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)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	1.90	2.98	3.96	4.89	5.80	6.70	7.61	8.53	9.46	10.40	10.40	1 / 7			
reaction time	0.138	interval	1.08	0.98	0.93	0.91	0.90	0.91	0.92	0.93	0.94	PB	# of strides	3.96	2.74	2.76	
wind	0.0 m/s	velocity	5.26	9.26	10.20	10.75	10.99	11.11	10.99	10.87	10.75	10.64	9.62	45.0	7.58	10.95	10.87
Prelim 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	1.88	2.97	3.93	4.85	5.74	6.64	7.54	8.45	9.38	10.31	10.31	4 / 2			
reaction time	0.149	interval	1.09	0.96	0.92	0.89	0.90	0.90	0.91	0.93	0.93	NR PB	# of strides	3.93	2.71	2.74	
wind	0.2 m/s	velocity	5.32	9.17	10.42	10.87	11.24	11.11	11.11	10.99	10.75	10.75	9.70	45.2	7.63	11.07	10.95

Sanuki, Nariyoshi (JPN) (1994)	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)												<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>			
date	30-Jul-12	time			5.89	6.79	7.70	8.65	9.60	10.59	10.59	10.59	6 / 3		
reaction time		interval			0.90	0.91	0.95	0.95	0.99				# of strides		2.81
wind	0.0 m/s	velocity			8.49	11.11	10.99	10.53	10.53	10.10	9.44				10.68

Sasaki, Shuya (JPN) (1995)	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)												<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>				
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

Savin, Vitaliy (URS) (1966)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)												<i>Federle (2003) - http://www.fgs.uni-halle.de</i>			
date	29-Jun-91	time		3.98		6.72		8.56		10.51	10.51	10.51	/ 6		
reaction time		interval				2.74		1.84		1.95			# of strides	3.98	2.74
wind	0.5 m/s	velocity		7.54		10.95		10.87		10.26	9.51			7.54	10.95

Scales, Mardy (USA) (1981)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	1.84	2.94	3.89	4.77	5.64	6.51	7.39	8.27	9.21	10.15	10.15	2 / 6			
reaction time		interval	1.10	0.95	0.88	0.87	0.87	0.88	0.88	0.94	0.94		# of strides	3.89	2.62	2.70	
wind	1.6 m/s	velocity	5.43	9.09	10.53	11.36	11.49	11.49	11.36	11.36	10.64	10.64	9.85	47.2	7.71	11.45	11.11

Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>				
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	10.64	9.84		7.83	11.32	10.95

FINAL - 2006 USATF National Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
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 / 9 7			
reaction time		interval	1.06	0.93	0.91	0.90	0.93	0.89	0.90	0.99	0.95		# of strides	3.96	2.74	2.78	
wind	-1.2 m/s	velocity	5.08	9.43	10.75	10.99	11.11	10.75	11.24	11.11	10.10	10.53	9.59	48.5	7.58	10.95	10.79

Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
date	23-Jun-06	time	1.94	3.00	3.94	4.86	5.76	6.65	7.54	8.46	9.39	10.34	10.34	1 / 4 3			
reaction time		interval	1.06	0.94	0.92	0.90	0.89	0.89	0.92	0.93	0.95		# of strides	3.94	2.71	2.74	
wind	-1.2 m/s	velocity	5.15	9.43	10.64	10.87	11.11	11.24	11.24	10.87	10.75	10.53	9.67	48.0	7.61	11.07	10.95

FINAL - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	25-Jun-05	time	1.91	2.99	3.94	4.85	5.74	6.66	7.56	8.47	9.41	10.36	10.36	1 / 7			
reaction time		interval	1.08	0.95	0.91	0.89	0.92	0.90	0.91	0.94	0.95		# of strides	3.94	2.72	2.75	
wind	-2.3 m/s	velocity	5.24	9.26	10.53	10.99	11.24	10.87	11.11	10.99	10.64	10.53	9.65	49.5	7.61	11.03	10.91

FINAL - 2003 USATF National Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>					
date	20-Jun-03	time	1.92	3.07	4.00	4.89	5.82	6.69	7.60	8.50	9.42	10.32	10.32	1 / 7 6			
reaction time		interval	1.15	0.93	0.89	0.93	0.87	0.91	0.90	0.92	0.90		# of strides	4.00	2.69	2.73	
wind	1.6 m/s	velocity	5.21	8.70	10.75	11.24	10.75	11.49	10.99	11.11	10.87	11.11	9.69		7.50	11.15	10.99

Schacht, Christian (GER) (1976)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL 2 - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
date	23-Jun-01	time	3.04	4.04	4.99	6.85	8.71	10.62	10.62	10.62	10.62	10.62	/ 6		

reaction time	0.164	interval	1.00	0.95	1.86	1.86	1.91	# of strides	4.04	2.81	
wind	1.3 m/s	velocity	6.58	10.00	10.53	10.75	10.75	10.47	9.42	7.43	10.68

Schädelbauer, David (CZE) (1997)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
date	28-Jun-14	time	3.22	4.10	5.04	6.90	7.41	8.80	9.50	11.69	11.69	2 / 4			
reaction time	0.186	interval		2.12	2.07	2.09	2.19					# of strides			
wind	-4.2 m/s	velocity	6.21	9.43	9.66	9.57	9.13	8.55							

Schmidt, Roy (GER) (1991)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	06-Aug-10	time	3.12	4.10	5.04	6.90	7.41	8.80	9.50	11.69	11.69	/ 4			
reaction time		interval		0.98	0.94	1.86	1.90	1.98				# of strides	4.10	2.80	
wind	0.5 m/s	velocity	6.41	10.20	10.64	10.75	10.53	10.10	9.28				7.32	10.71	
Semi-Final 1 - 2010 German National Junior Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	06-Aug-10	time	3.13	4.11	5.05	6.89	7.41	8.77	9.50	11.69	11.69	/ 2			
reaction time		interval		0.98	0.94	1.84	1.88	1.93				# of strides	4.11	2.78	
wind	1.0 m/s	velocity	6.39	10.20	10.64	10.87	10.64	10.36	9.35				7.30	10.79	

Schröder, Thomas (GDR) (1962)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1983 Olympischen Tag (East Berlin, GDR)												<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>			
date	08-Jun-83	time	3.98			6.66	7.41	8.42	9.50	10.22	10.22	/ 1			
reaction time		interval				2.68	1.76	1.80	1.80	1.80	1.80	PB	# of strides	3.98	2.68
wind	1.0 m/s	velocity	7.54			11.19	11.36	11.11	11.11	9.78	9.78		7.54	11.19	
FINAL - 1980 East German Spitzenklasse (Jena, GDR)												<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>			
date	17-May-80	time	4.05			6.78	7.41	8.59	9.50	10.42	10.42	/ 3			
reaction time		interval				2.73	1.81	1.83	1.83	1.83	1.83		# of strides	4.05	2.73
wind	???	velocity	7.41			10.99	11.05	10.93	9.60	9.60	9.60		7.41	10.99	

Schwab, Stefan (GER) (1987)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	15-Aug-09	time	2.96	3.92	4.84	6.70	7.41	8.56	9.50	10.50	10.50	8 / 5			
reaction time	0.156	interval		0.96	0.92	1.86	1.86	1.94				# of strides	3.92	2.78	
wind	-0.2 m/s	velocity	6.76	10.42	10.87	10.75	10.75	10.31	9.52				7.65	10.79	
FINAL - 2009 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	14-Jun-09	time	2.95	3.90	4.81	6.61	7.41	8.46	9.50	10.35	10.35	/ 8			
reaction time	0.177	interval		0.95	0.91	1.80	1.85	1.89				# of strides	3.90	2.71	
wind	1.4 m/s	velocity	6.78	10.53	10.99	11.11	10.81	10.58	9.66				7.69	11.07	

Schwarze, Dennis (GER) (1993)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Youth Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-10	time	3.19	4.22	5.20	7.07	7.41	9.10	9.50	11.14	11.14	/ 6			
reaction time		interval		1.03	0.98	1.87	2.03	2.04				# of strides	4.22	2.85	
wind	0.0 m/s	velocity	6.27	9.71	10.20	10.70	9.85	9.80	8.98				7.11	10.53	

Scott, Evan (USA) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
date	20-Jul-14	time	3.93			6.65	7.41	8.46	9.50	10.32	10.32	2 / 4 3			
reaction time		interval				2.72	1.81	1.86				# of strides	3.93	2.72	
wind	1.5 m/s	velocity	7.63			11.03	11.05	10.75	9.69				7.63	11.03	

Scott, Leonard (USA) (1980)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	25-Jun-05	time	1.90	2.92	3.82	4.74	5.62	6.49	7.37	8.31	9.23	10.18	10.18	4 / 3			
reaction time		interval		1.02	0.90	0.92	0.88	0.87	0.88	0.94	0.92	0.95	# of strides	3.82	2.67	2.74	
wind	-2.3 m/s	velocity	5.26	9.80	11.11	10.87	11.36	11.49	11.36	10.64	10.87	10.53	9.82	47.0	7.85	11.24	10.95
FINAL - 2004 USA Olympic Trials (Sacramento, CA)												<i>USATF Women's Sprint Development (2004)</i>					
date	11-Jul-04	time	1.98	3.00	3.93	4.83	5.70	6.62	7.49	8.40	9.34	10.35	10.35	8 / 7			
reaction time	0.177	interval		1.02	0.93	0.90	0.87	0.92	0.87	0.91	0.94	1.01	# of strides	3.93	2.69	2.72	
wind	0.0 m/s	velocity	5.05	9.80	10.75	11.11	11.49	10.87	11.49	10.99	10.64	9.90	9.66	47.0	7.63	11.15	11.03

Sebabi, Nasser (SWE) (1982)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2011 Windsprint (Sundsvall, SWE)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	31-Jul-11	time	4.06			6.87	7.41	8.73	9.50	10.68	10.68	3 / 5			
reaction time		interval				2.81	1.86	1.95	1.95	1.95	1.95	PB	# of strides	4.06	2.81
wind	2.0 m/s	velocity	7.39			10.68	10.75	10.26	9.36				7.39	10.68	
B FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>			

date	25-Jul-09	time	4.06	6.88	8.78	10.76	10.76	/ 3				
reaction time		interval		2.82	1.90	1.98	# of strides			4.06	2.82	
wind	1.1 m/s	velocity	7.39	10.64	10.53	10.10	9.29				7.39	10.64

Šebrle, Roman (CZE) (1974)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Decathlon - Heat 2 - 2009 IAAF World Championships (Berlin, GER)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	19-Aug-09	time	3.17	5.17	7.13	9.08	11.16	11.16	8 / 3						
reaction time	0.160	interval		2.00	1.96	1.95	2.08	# of strides							
wind	-0.3 m/s	velocity	6.31	10.00	10.20	10.26	9.62	8.96							

Sekiguchi, Yuta (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)											<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	PB	# of strides	3.91	2.74	2.77
wind	-0.6 m/s	velocity	5.38	9.26	10.31	10.87	10.99	10.99	10.87	10.87	10.75	10.42	9.63	48.0	7.67	10.95	10.83

Senda, Mizuki (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)											<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 FINAL - 2015 Windsprint (Sundsvall, SWE)											<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)

											<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)

											<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)

											<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>					
date	17-Jun-12	time		4.11		6.92		8.78		10.69	10.69	/ 6				
reaction time		interval				2.81		1.86		1.91	# of strides			4.11	2.81	
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)

											<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)

											<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	/ 5				
reaction time		interval				2.88		1.92		2.00	# of strides			4.13	2.88	
wind	1.8 m/s	velocity		7.26		10.42		10.42		10.00	9.15				7.26	10.42

Seoud, Amr Ibrahim Mostafa (EGY) (198

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2008 Windsprint (Sundsvall, SWE)											<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			
FINAL - 2024 Olympic Games (Paris, FRA)											<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	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)

											<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	6 / 1				
reaction time	0.146	interval		1.03	0.93	0.88	0.84	0.85	0.84	0.85	0.85	0.87	PB	# of strides	3.83	2.57	2.54
wind	0.7 m/s	velocity	5.35	9.71	10.75	11.36	11.90	11.76	11.90	11.76	11.49	10.19	47.0	7.83	11.67	11.81	

Heat 4 - 2024 Olympic Games (Paris, FRA)

											<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		
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)											<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

Shikata, Makoto (JPN) (2003)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)											<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	PB	# of strides	3.99	2.78	2.79
wind	1.8 m/s	velocity	5.21	9.17	10.20	10.64	10.87	10.87	10.75	10.64	10.42	9.51	9.51	7.52	10.79	10.75

Shimada, Kaishin (JPN) (2002)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)											<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

Heat 2 - 2020 Japanese High School National Championships (Hiroshima, JPN)											<i>Kobayashi (2020) - national high school and U20 national championships</i>						
date	24-Oct-20	time	1.89	2.97	3.95	4.88	5.80	6.71	7.63	8.57	9.52	10.51	10.51	3 / 1			
reaction time	0.142	interval	1.08	0.98	0.93	0.92	0.91	0.92	0.94	0.95	0.99		# of strides	3.95	2.76	2.81	
wind	0.2 m/s	velocity	5.29	9.26	10.20	10.75	10.87	10.99	10.87	10.64	10.53	10.10	9.51	52.2	7.59	10.87	10.68

Shimizu, Tsuyoshi (JPN) (1993)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Decathlon - Heat 2 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN)											<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

Shiraishi, Kirara (JPN) (1996)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 2 - 2020 Athlete Night Games (Fukui, JPN)											<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	1 / 3			
reaction time		interval	1.08	0.98	0.93	0.90	0.90	0.89	0.91	0.92	0.93		# of strides	3.93	2.73	2.72	
wind	1.5 m/s	velocity	5.35	9.26	10.20	10.75	11.11	11.11	11.24	10.99	10.87	10.75	9.70	49.6	7.63	10.99	11.03

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)											<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	PB	# of strides	3.94	2.69	2.65	
wind	1.2 m/s	velocity	5.24	9.35	10.42	10.99	11.24	11.24	11.36	11.36	11.24	10.99	9.81	47.0	7.61	11.15	11.32

Shitara, Oga (JPN) (2001)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)											<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

Heat 1 - 2020 Japanese U20 National Championships (Hiroshima, JPN)											<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

FINAL - 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	3.03	4.01	4.95	5.87	6.78	7.69	8.62	9.55	10.52	10.52	1 / 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

Sicobo, Dyland (SEY) (1997)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 3 - 2024 Olympic Games (Paris, FRA)											<i>Paris 2024 Olympc 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

Prelim 6 - 2024 Olympic Games (Paris, FRA)											<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

Silva, Arnaldo Oliveira (BRA) (1964)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)											<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	
Simbine, Akani (RSA) (1993)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2024 Memorial van damme (Brussels, BEL)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	13-Sep-24	time	1.92	2.97	3.91	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	5 / 5				
reaction time	0.138	interval		1.05	0.94	0.90	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.91	2.65	2.64	
wind	0.1 m/s	velocity	5.21	9.52	10.64	11.11	11.36	11.49	11.49	11.36	11.24	11.11	9.90		47.5	7.67	11.32	11.36
FINAL - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic 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	NR PB	# of strides	3.87	2.59	2.50	
wind	1.0 m/s	velocity	5.26	9.52	10.87	11.36	11.76	11.63	12.35	11.90	11.76	11.63	10.18		47.0	7.75	11.58	12.00
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)														<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
Heat 6 - 2024 Olympic Games (Paris, FRA)														<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
FINAL - 2024 London Athletics Meet (London, GBR)														<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
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)														<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
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)														<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
FINAL - 2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)														<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
FINAL - 2022 Weltklasse (Zürich, SUI)														<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	3 / 4				
reaction time	0.142	interval				1.84		1.75		1.74		1.77		# of strides				
wind	-0.3 m/s	velocity		6.73		10.87		11.43		11.49		11.30	9.93		47.0			
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)														<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	7 / 8				
reaction time	0.120	interval				1.89		1.77		1.76		1.80		# of strides				
wind	-0.7 m/s	velocity		6.69		10.58		11.30		11.36		11.11	9.79		47.2			
FINAL - 2022 Commonwealth Games (Birmingham, GBR)														<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	4 / 2				
reaction time		interval				1.90		1.80		1.60		1.93		# of strides				
wind	-0.9 m/s	velocity		6.90		10.53		11.11		12.50		10.36	9.87		48.7			
FINAL - 2022 Bauhaus Galan (Stockholm, SWE)														<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	5 / 1				
reaction time	0.157	interval				1.84		1.73		1.71		1.72		# of strides				
wind	-0.5 m/s	velocity		6.62		10.87		11.56		11.70		11.63	9.98		47.0			
FINAL - 2022 Bislett Games (Oslo, NOR)														<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	4 / 3				
reaction time	0.136	interval				1.85		1.76		1.75		1.77		# of strides				
wind	0.5 m/s	velocity		6.76		10.81		11.36		11.43		11.30	9.91		48.0			
FINAL - 2021 Weltklasse (Zürich, SUI)														<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	8 / 5				

date	08-Aug-83	time	2.92	4.88	5.78	6.64	7.50	8.39	10.21	10.21	8 / 2								
reaction time	0.130	interval		1.96	0.90	0.86	0.86	0.89	1.82		# of strides		6.64						
wind	-0.3 m/s	velocity	6.85	10.20	11.11	11.63	11.63	11.24	10.99	9.79	44.0		4.52						
FINAL - 1982 GDR vs. USA (Karl-Marx-Stadt, GDR) <i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>																			
date	09-Jul-82	time	3.90			6.46	8.16		9.91	9.91	/ 1								
reaction time		interval				2.56	1.70		1.75		# of strides	3.90	2.56						
wind	2.1 m/s	velocity	7.69			11.72	11.76		11.43	10.09		7.69	11.72						
Smith, Devon (USA) (1991)																			
FINAL - 2008 USATF National Junior Championships (Columbus, OH) <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					
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	
Smith, Paul (USA) (1984)																			
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA) <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					
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	
Smith, Tremaine (USA) (1986)																			
FINAL - 2005 USATF National Junior Championships (Carson, CA) <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					
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	
Smoots, Jason (USA) (1980)																			
FINAL - 2006 USATF National Championships (Indianapolis, IN) <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					
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	11.19	
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN) <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					
reaction time		interval		1.08	0.91	0.89	0.88	0.89	0.88	0.90	0.95	0.91			# of strides	3.95	2.66	2.73	
wind	-1.2 m/s	velocity	5.10	9.26	10.99	11.24	11.36	11.24	11.36	11.11	10.53	10.99	9.76			44.5	7.59	11.28	10.99
Snyders, Antoine (BEL) (1997)																			
Invitational - 2024 Memorial van damme (Brussels, BEL) <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					
reaction time	0.145	interval		1.10	1.00	0.96	0.92	0.92	0.93	0.92	0.94	0.95			# of strides	4.11	2.80	2.79	
wind	0.0 m/s	velocity	4.98	9.09	10.00	10.42	10.87	10.87	10.75	10.87	10.64	10.53	9.39			7.30	10.71	10.75	
National - Heat 1 - 2023 FBK Games (Hengelo, NED) <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					
reaction time	0.141	interval		1.11	0.99	0.94	0.92	0.91	0.92	0.92	0.95	0.97			# of strides	4.11	2.77	2.79	
wind	0.1 m/s	velocity	4.98	9.01	10.10	10.64	10.87	10.99	10.87	10.87	10.53	10.31	9.40			7.30	10.83	10.75	
Sobotka, Ondrej (CZE) (1989)																			
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																			
date	15-Jun-13	time		3.17		5.15		7.05		8.98		10.96		10.96					
reaction time	0.152	interval				1.98		1.90		1.93		1.98			# of strides				
wind	1.4 m/s	velocity		6.31		10.10		10.53		10.36		10.10		9.12					
Söderqvist, Per-Erik (SWE) (1987)																			
E FINAL - 2011 Windsprint (Sundsvall, SWE) <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					
reaction time		interval						2.99		2.00		2.04			# of strides	4.26	2.99		
wind	1.8 m/s	velocity			7.04			10.03		10.00		9.80		8.86			7.04	10.03	
D FINAL - 2007 Windsprint (Sundsvall, SWE) <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					
reaction time		interval						3.09		2.05		2.11			# of strides	4.40	3.09		
wind	-0.8 m/s	velocity			6.82			9.71		9.76		9.48		8.58			6.82	9.71	
Solberg, Mats (NOR) (1993)																			
D FINAL - 2009 Windsprint (Sundsvall, SWE) <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					
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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Someya, Yoshihiro (JPN) (1998)																	
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<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			
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)												<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	
Sosui, Mizukubo (JPN) (1999)																	
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<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			
Spearmon, Wallace (USA) (1984)																	
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												<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
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<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
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												<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
Spier, Virgil (NED) (1981)																	
C FINAL - 2009 ISTAF (Berlin, GER)												<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	/ 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	
Spiering, Timo (NED) (2004)																	
National FINAL - 2024 FBK Games (Hengelo, NED)												<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
Šprna, Dominik (CZE) (1998)																	
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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				
Štastný, Lukáš (CZE) (1991)																	
FINAL - 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	1.95	3.06	4.04	4.97	5.90	6.82				6.82	7 / 4				
reaction time	0.131	interval		1.11	0.98	0.93	0.93	0.92				PB	# of strides	4.04	2.78		
		velocity	5.13	9.01	10.20	10.75	10.75	10.87				8.80			7.43	10.79	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<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	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	
Heat 3 - 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	1.99	3.11	4.07	5.02	5.97	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				8.66			7.37	10.49	
Stejskal, Jan (CZE) (1995)																	
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
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				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Stevens, Kendall (USA) (1983)																	
Heat 2 - 2009 Meeting Pas de Calais (Lievin, FRA) <i>Vazel (2009) - http://futurancienur.files.wordpress.com/2009/02/09-lievin-m605.pdf</i>																	
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		
wind		velocity		7.54		10.64	10.87					8.85	29.0	7.54	10.71		
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR) <i>USATF Women's Sprint Development with HPC (2008)</i>																	
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	44.7	7.65	11.36	11.41
Heat 1 - 2008 USA Olympic Trials (Eugene, OR) <i>USATF Women's Sprint Development with HPC (2008)</i>																	
date	28-Jun-08	time	1.93	2.98	3.90	4.80	5.67	6.57	7.47	8.34	9.27	10.13	10.13	8 / 3			
reaction time		interval		1.05	0.92	0.90	0.87	0.90	0.90	0.87	0.93	0.86	PB	# of strides	3.90	2.67	2.70
wind	1.7 m/s	velocity	5.18	9.52	10.87	11.11	11.49	11.11	11.11	11.49	10.75	11.63	9.87		7.69	11.24	11.11
Stewart, Raymond (JAM) (1965)																	
FINAL - 1993 IAAF World Championships (Stuttgart, GER) <i>Stein (1993) - verbesserung der schnelligkeit</i>																	
date	15-Aug-93	time		3.89			6.51		8.34		10.18	10.18	8 / 8				
reaction time	0.166	interval					2.62		1.83		1.84		# of strides	3.89	2.62		
wind	0.3 m/s	velocity		7.71			11.45		10.93		10.87	9.82	45.7	7.71	11.45		
FINAL - 1992 Olympic Games (Barcelona, ESP) <i>Arnold (1992) - 1992 Olympic report: 100m men</i>																	
date	1-Aug-92	time		2.95		4.78		6.56		8.36		10.22	10.22	2 / 7			
reaction time	0.134	interval				1.83		1.78		1.80		1.86		# of strides			
wind	0.5 m/s	velocity		6.78		10.93		11.24		11.11		10.75	9.78	46.2			
FINAL - 1991 IAAF World Championships (Tokyo, JPN) <i>Ae (1992) - the men's 100m (1991 WC)</i>																	
date	25-Aug-91	time	1.81	2.88	3.79	4.68	5.54	6.41	7.29	8.16	9.06	9.96	9.96	2 / 6			
reaction time	0.114	interval		1.07	0.91	0.89	0.86	0.87	0.88	0.87	0.90	0.90	NR	# of strides	3.79	2.62	2.65
wind	1.2 m/s	velocity	5.52	9.35	10.99	11.24	11.63	11.49	11.36	11.49	11.11	11.11	10.04	46.6	7.92	11.45	11.32
FINAL - 1988 Olympic Games (Seoul, KOR) <i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																	
date	24-Sep-88	time	1.88	2.95	3.92	4.84	5.71	6.65			12.26	12.26	2 / 3 7				
reaction time	0.159	interval		1.07	0.97	0.92	0.87	0.94			5.61		# of strides	3.92	2.73		
wind	1.1 m/s	velocity	5.32	9.35	10.31	10.87	11.49	10.64			7.13	8.16		7.65	10.99		
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) <i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																	
date	24-Sep-88	time	1.94	2.98	3.92	4.83	5.73	6.61	7.59	8.38	9.27	10.18	10.18	2 / 3			
reaction time		interval		1.04	0.94	0.91	0.90	0.88	0.98	0.79	0.89	0.91		# of strides	3.92	2.69	2.66
wind	0.6 m/s	velocity	5.15	9.62	10.64	10.99	11.11	11.36	10.25	12.59	11.24	10.99	9.82		7.65	11.15	11.28
FINAL - 1987 IAAF World Championships (Rome, ITA) <i>Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters</i>																	
date	30-Aug-87	time	1.99	3.04	3.98	4.89	5.76	6.62	7.49	8.35	9.22	10.08	10.08	3 / 3 2			
reaction time	0.235	interval		1.05	0.94	0.91	0.87	0.86	0.87	0.86	0.87	0.86	PB	# of strides	3.98	2.64	2.60
wind	1.0 m/s	velocity	5.03	9.52	10.64	10.99	11.49	11.63	11.49	11.63	11.49	11.63	9.92	45.0	7.54	11.36	11.54
Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
date	30-Aug-87	time	1.94	3.00	3.96	4.86	5.74	6.60	7.47	8.35	9.23	10.12	10.12	3 / 2			
reaction time		interval		1.06	0.96	0.90	0.88	0.86	0.87	0.88	0.88	0.89	PB	# of strides	3.96	2.64	2.63
wind	-1.3 m/s	velocity	5.15	9.43	10.42	11.11	11.36	11.63	11.49	11.36	11.36	11.24	9.88	44.8	7.58	11.36	11.41
Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
date	29-Aug-87	time	1.92	2.97	3.92	4.83	5.72	6.59	7.46	8.33	9.21	10.14	10.14	5 / 1			
reaction time		interval		1.05	0.95	0.91	0.89	0.87	0.87	0.87	0.88	0.93	PB	# of strides	3.92	2.67	2.62
wind	-0.4 m/s	velocity	5.21	9.52	10.53	10.99	11.24	11.49	11.49	11.49	11.36	10.75	9.86	45.5	7.65	11.24	11.45
Heat 1 - 1987 IAAF World Championships (Rome, ITA) <i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>																	
date	29-Aug-87	time	1.99	3.05	4.00	4.92	5.79	6.65	7.52	8.39	9.28	10.23	10.23	1 / 1			
reaction time		interval		1.06	0.95	0.92	0.87	0.86	0.87	0.87	0.89	0.95		# of strides	4.00	2.65	2.63
wind	1.8 m/s	velocity	5.03	9.43	10.53	10.87	11.49	11.63	11.49	11.49	11.24	10.53	9.78	44.0	7.50	11.32	11.41
Stinski, Timo (GER) (1992)																	
FINAL - 2010 German National Junior Championships (Ulm, GER) <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-10	time		3.10	4.10	5.04		6.91		8.81		10.76	10.76	/ 3			
reaction time		interval			1.00	0.94		1.87		1.90		1.95		# of strides	4.10	2.81	
wind	0.5 m/s	velocity		6.45	10.00	10.64		10.70		10.53		10.26	9.29		7.32	10.68	
Stromšík, Zdenek (CZE) (1994)																	
FINAL - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																	
date	15-Jun-13	time	1.96	2.98	3.95	4.86	5.75	6.63	7.53	8.44	9.38	10.32	10.32	4 / 1			

reaction time	0.139	interval	1.02	0.97	0.91	0.89	0.88	0.90	0.91	0.94	0.94	NJR	# of strides	3.95	2.68	2.75
wind	0.8 m/s	velocity	5.10	9.80	10.31	10.99	11.24	11.36	11.11	10.99	10.64	10.64	9.69	7.59	11.19	10.91

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

date	15-Jun-13	time	2.99	4.87	6.68	8.50	10.36	10.36	4 / 1
reaction time	0.152	interval	1.88	1.81	1.82	1.86	NJR	# of strides	
wind	1.4 m/s	velocity	6.69	10.64	11.05	10.99	10.75	9.65	

Storhaug, Lars Jøran (NOR) (1989) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**C FINAL - 2015 Windsprint (Sundsvall, SWE)** *(2015) - www.windsprint/Splittider/*

date	26-Jul-15	time			7.01					10.83	10.83		5 / 3
reaction time		interval								3.82			# of strides
wind	0.6 m/s	velocity			8.56					10.47	9.23		

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

date	20-Jul-14	time		4.16	6.97	8.80	10.73	10.73	8 / 2
reaction time		interval		2.81	1.83	1.93		# of strides	4.16 2.81
wind	3.1 m/s	velocity		7.21	10.68	10.93	10.36	9.32	7.21 10.68

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

date	28-Jul-13	time		4.19	7.06	8.96	10.95	10.95	6 / 5
reaction time		interval		2.87	1.90	1.99		# of strides	4.19 2.87
wind	1.7 m/s	velocity		7.16	10.45	10.53	10.05	9.13	7.16 10.45

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

date	17-Jun-12	time		4.21	7.12	9.06	11.08	11.08	/ 5
reaction time		interval		2.91	1.94	2.02		# of strides	4.21 2.91
wind	2.5 m/s	velocity		7.13	10.31	10.31	9.90	9.03	7.13 10.31

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

date	31-Jul-11	time		4.15	7.05	8.95	10.93	10.93	8 / 4
reaction time		interval		2.90	1.90	1.98		# of strides	4.15 2.90
wind	1.6 m/s	velocity		7.23	10.34	10.53	10.10	9.15	7.23 10.34

Storsve, Ingar (NOR) (1987) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**D FINAL - 2009 Windsprint (Sundsvall, SWE)** *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		4.52		7.82	10.07	12.49	12.49	/ 6
reaction time		interval		3.30		2.25	2.42		# of strides	4.52 3.30
wind	0.9 m/s	velocity		6.64		9.09	8.89	8.26	8.01	6.64 9.09

Streete-Thompson, Kareem (CAY) (1972) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 1999 IAAF World Championships (Sevilla, ESP)** *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.80	2.82	3.76	4.66	5.56	6.44	7.32	8.21	9.14	10.07	10.24	2 / 8
reaction time	0.173	interval	1.02	0.94	0.90	0.90	0.88	0.88	0.89	0.93	0.93		# of strides	3.76 2.68 2.70
wind	0.2 m/s	velocity	5.56	9.80	10.64	11.11	11.11	11.36	11.36	11.24	10.75	10.75	9.77	7.98 11.19 11.11

Strenius, Patrik (SWE) (1972) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 1994 (Tønsberg, NOR)** *(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	20-Jul-94	time		4.08		6.90	8.78	10.74	10.74	17
reaction time		interval		2.82		1.88	1.96		# of strides	4.08 2.82
wind	1.8 m/s	velocity		7.35		10.64	10.64	10.20	9.31	7.35 10.64

Sturdivant, Andre (USA) (1981) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2009 Windsprint (Sundsvall, SWE)** *(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		3.96		6.71	8.52	10.41	10.41	/ 4
reaction time		interval		2.75		1.81	1.89		# of strides	3.96 2.75
wind	1.0 m/s	velocity		7.58		10.91	11.05	10.58	9.61	7.58 10.91

Su Bingtian (CHN) (1989) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2020 Olympic Games (Tokyo, JPN)** *Vazel (2021) - analyzing the olympic 100-meter sprints*

date	01-Aug-21	time		3.70		6.48	8.20	9.98	9.98	6 / 6	
reaction time	0.167	interval		2.78		3.50	3.50	1.78		# of strides	3.70 2.78
wind	0.1 m/s	velocity		8.11		10.79	5.71	11.24	10.02	46.7	8.11 10.79

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

date	01-Aug-21	time		3.73		6.29	8.03	9.83	9.83	4 / 1	
reaction time	0.142	interval		2.56		3.54	1.80	AR	# of strides	3.73 2.56	
wind	0.9 m/s	velocity		8.04		11.72	5.65	11.11	10.17	48.0	8.04 11.72

Heat 4 - 2019 IAAF World Championships (Doha, QAT) *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

date	27-Sep-19	time	1.86	2.92	3.88	4.79	5.68	6.57	7.46	8.36	9.28	10.21	10.21	8 / 5	
reaction time	0.129	interval	1.06	0.96	0.91	0.89	0.89	0.89	0.89	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
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Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)*Omega Timing (2019) - diamond league race analysis*

date	18-Aug-19	time	3.1	4.9	6.7	8.5	10.36	10.36	8 / 5
reaction time	0.143	interval	1.8	1.8	1.8	1.8	1.86	1.86	# of strides
wind	-0.3 m/s	velocity	6.45	11.11	11.11	11.11	10.75	9.65	

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)*Jiang (2019) - data analysis of men's sprint finals in the world championships trials*

date	02-Aug-19	time	1.86	2.89	3.85	4.76	5.65	6.53	7.42	8.33	9.24	10.19	10.19	4 / 2
reaction time		interval	1.03	0.96	0.91	0.89	0.88	0.89	0.91	0.91	0.95			# of strides
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

FINAL - 2018 Asian Games (Jakarta, INA)*Kobayashi (2018) - Race analysis results for men 100m in 2018 season*

date	26-Aug-18	time	1.80	2.83	3.76	4.65	5.52	6.38	7.25	8.13	9.01	9.92	9.92	6 / 1
reaction time	0.143	interval	1.03	0.93	0.89	0.87	0.86	0.87	0.88	0.88	0.91	CR	0.91	# of strides
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

FINAL - 2017 Chinese National Games (Tianjin, CHN)*Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games*

date	03-Sep-17	time	1.83	2.89	3.80	4.71	5.61	6.49	7.36	8.25	9.14	10.10	10.10	7 / 2
reaction time	0.13	interval	1.06	0.91	0.91	0.90	0.88	0.87	0.89	0.89	0.96			# of strides
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

Heat 4 - 2017 IAAF World Championships (London, GBR)*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	05-Aug-17	time	1.88	2.93	3.87	4.76	5.64	6.50	7.37	8.24	9.13	10.03	10.03	4 / 1
reaction time	0.166	interval	1.05	0.94	0.89	0.88	0.86	0.87	0.87	0.89	0.90			# of strides
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

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

date	10-May-15	time	1.89	2.92	3.85	4.74	5.62	6.50	7.39	8.29	9.19	10.10	10.10	5 / 3
reaction time		interval	1.03	0.93	0.89	0.88	0.88	0.89	0.90	0.90	0.91			# of strides
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

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

date	19-Aug-09	time	3.10	5.10	7.07	9.06	11.13	11.13	8 / 8
reaction time	0.154	interval	2.00	1.97	1.99	2.07			# of strides
wind	0.0 m/s	velocity	6.45	10.00	10.15	10.05	9.66	8.98	

Suda, Hayato (JPN) (1994)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2017 Japanese National Sports Festival (Matsuyama, JPN)*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	07-Oct-17	time	1.86	2.93	3.89	4.81	5.71	6.60	7.50	8.41	9.34	10.30	10.30	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
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

FINAL - 2012 Japanese National High School Championships (Niigata, JPN)*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time	5.85	6.76	7.69	8.66	9.65	10.68	10.68	8 / 9				
reaction time		interval	0.91	0.93	0.97	0.99	1.03			# of strides				
wind	0.0 m/s	velocity	8.55	10.99	10.75	10.31	10.10	9.71	9.36					2.89

Sudo, Takumi (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 - 2007 Japanese National High School Championships (Saga, JPN)*Horara (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	
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		4.11

Suetsugu, Shingo (JPN) (1980)

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

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	1 / 5
reaction time		interval	1.06	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.96			# of strides
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	48.0

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	1 / 2
reaction time		interval	1.08	0.97	0.93	0.91	0.91	0.92	0.93	0.96	0.99			# of strides
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	48.0

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)													<i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>				
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)													<i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>				
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	/ 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)													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>				
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)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>				
date	04-Oct-19	time			4.11		6.06					11.11	11.11	2 / 4			
reaction time		interval					1.95					5.05		# of strides	4.11		
wind	-1.1 m/s	velocity			7.30		3.30					9.90	9.00		7.30		
Šulc, Rostislav (CZE) (1981)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>				
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		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)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>				
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)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.97	3.09	4.10	5.06	6.00	6.96					6.96	1 / 8			
reaction time		interval		1.12	1.01	0.96	0.94	0.96						# of strides	4.10	2.86	
		velocity	5.08	8.93	9.90	10.42	10.64	10.42					8.62		7.32	10.49	
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.97	3.11	4.10	5.06	6.01	6.97					6.97	2 / 4			
reaction time		interval		1.14	0.99	0.96	0.95	0.96						# of strides	4.10	2.87	
		velocity	5.08	8.77	10.10	10.42	10.53	10.42					8.61		7.32	10.45	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.98	3.10	4.11	5.07	6.05	7.02					7.02	6 / 3			
reaction time		interval		1.12	1.01	0.96	0.98	0.97						# of strides	4.11	2.91	
		velocity	5.05	8.93	9.90	10.42	10.20	10.31					8.55		7.30	10.31	
C FINAL - 2009 ISTAF (Berlin, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time		3.11	4.11	5.05	6.91		8.81		10.68	10.68		/ 5			
reaction time		interval			1.00	0.94	1.86		1.90		1.87			# of strides	4.11	2.80	
wind	1.5 m/s	velocity		6.43	10.00	10.64	10.75		10.53		10.70	9.36			7.30	10.71	
Šulc, Vojtech (CZE) (1986)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.97	3.07	4.06	5.00	5.92	6.85					6.85	6 / 5			
reaction time		interval		1.10	0.99	0.94	0.92	0.93					PB	# of strides	4.06	2.79	
		velocity	5.08	9.09	10.10	10.64	10.87	10.75					8.76		7.39	10.75	
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.97	3.09	4.07	5.00	5.92	6.86					6.86	5 / 2			
reaction time		interval		1.12	0.98	0.93	0.92	0.94						# of strides	4.07	2.79	
		velocity	5.08	8.93	10.20	10.75	10.87	10.64					8.75		7.37	10.75	
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>				
date	25-Feb-12	time	1.98	3.10	4.08	5.00	5.93	6.89					6.89	5 / 2			
reaction time		interval		1.12	0.98	0.92	0.93	0.96						# of strides	4.08	2.81	
		velocity	5.05	8.93	10.20	10.87	10.75	10.42					8.71		7.35	10.68	

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sulusi-Sjö, Brian (SWE) (1977)															
B FINAL - 2007 Windsprint (Sundsvall, SWE)															
date	24-Jul-07	time	4.15			7.00		8.92		10.91	10.91	/ 1			
reaction time		interval				2.85		1.92		1.99	PB	# of strides	4.15	2.85	
wind	1.1 m/s	velocity	7.23			10.53		10.42		10.05	9.17		7.23	10.53	
Sundqvist, Johan (SWE) (1997)															
G FINAL - 2014 Windsprint (Sundsvall, SWE)															
date	20-Jul-14	time	4.47			7.62		9.76		11.95	11.95	2 / 4			
reaction time		interval				3.15		2.14		2.19		# of strides	4.47	3.15	
wind	1.6 m/s	velocity	6.71			9.52		9.35		9.13	8.37		6.71	9.52	
Sundvall, Hjalmar (SWE) (1994)															
F FINAL - 2014 Windsprint (Sundsvall, SWE)															
date	20-Jul-14	time	4.18			7.12				11.11	11.11	5 / 1			
reaction time		interval				2.94				3.99	PB	# of strides	4.18	2.94	
wind	1.5 m/s	velocity	7.18			10.20				10.03	9.00		7.18	10.20	
Sunneborn, Mattias (SWE) (1970)															
B FINAL - 2007 Windsprint (Sundsvall, SWE)															
date	24-Jul-07	time	4.23			7.15		9.08		11.13	11.13	/ 6			
reaction time		interval				2.92		1.93		2.05		# of strides	4.23	2.92	
wind	1.1 m/s	velocity	7.09			10.27		10.36		9.76	8.98		7.09	10.27	
Surin, Bruny (CAN) (1967)															
FINAL - 1999 IAAF World Championships (Sevilla, ESP)															
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
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
FINAL - 1999 Live (Nurnberg, GER)															
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)															
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
FINAL - 1992 Olympic Games (Barcelona, ESP)															
date	1-Aug-92	time	2.89		4.72		6.50		8.28		10.07	10.09	1 / 4		
reaction time	0.124	interval			1.83		1.78		1.78		1.79		# of strides		
wind	0.5 m/s	velocity	6.92		10.93		11.24		11.24		11.17	9.91		44.2	
FINAL - 1991 IAAF World Championships (Tokyo, JPN)															
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
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
Sussoho, Amadou (SWE) (1995)															
C FINAL - 2017 Windsprint (Sundsvall, SWE)															
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)															
FINAL - 2011 Japanese National High School Championships (Kitamaki, JPN)															
date	04-Aug-11	time			5.92	6.87	7.80	8.77	9.75	10.75	10.75	2 / 7			
reaction time		interval				0.95	0.93	0.97	0.98	1.00		# of strides			2.88
wind	-0.5 m/s	velocity			8.45	10.53	10.75	10.31	10.20	10.00	9.30				10.42
Suwannarangsri, Sompote (THA) (1985)															
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)															
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
wind	-1.4 m/s	velocity	5.08	9.35	10.31	10.75	10.99	10.75	10.42	10.31	9.62	9.36		7.48	10.83
Suzuki, Ryota (JPN) (1999)															
FINAL - 2020 Japanese National Championships (Niigata, JPN)															
date	02-Oct-20	time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.41	3 / 6	

reaction time	0.132	interval	1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.75	2.77	
wind	-0.2 m/s	velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.61	50.2	7.63	10.91	10.83

Heat 5 - 2020 Japanese National Championships (Niigata, JPN)*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	01-Oct-20	time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.40		6 / 2		
reaction time	0.135	interval	1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96			# of strides	3.93	2.75	2.77
wind	-0.2 m/s	velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.62	52.2	7.63	10.91	10.83

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

date	30-Jul-17	time		4.10			6.98			9.87	10.87	10.87		2 / 7			
reaction time	0.134	interval					2.88			2.89	1.00			# of strides	4.10	2.88	2.89
wind	-2.0 m/s	velocity		7.32			10.42			10.38	10.00	9.20			7.32	10.42	10.38

Svensson, Charles (SWE) (1975)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****E FINAL - 2007 Windsprint (Sundsvall, SWE)***(2007) - www.ssg.se/en/Windsprint/Split-times/*

date	24-Jul-07	time		4.42			7.58		9.67		11.84	11.84		1 / 3			
reaction time		interval					3.16		2.09		2.17			# of strides	4.42	3.16	
wind	0.2 m/s	velocity		6.79			9.49		9.57		9.22	8.45			6.79	9.49	

Svensson, Felix (SUI) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B Race - 2023 Athletissima (Lausanne, SUI)***Omega Timing (2023) - diamond league race analysis*

date	30-Jun-23	time	1.98	3.07	4.06	5.00	5.93	6.85	7.77	8.70	9.64	10.60	10.60		7 / 2		
reaction time	0.144	interval	1.09	0.99	0.94	0.93	0.92	0.92	0.93	0.94	0.96			# of strides	4.06	2.79	2.79
wind	-0.8 m/s	velocity	5.05	9.17	10.10	10.64	10.75	10.87	10.87	10.75	10.64	10.42	9.43		7.39	10.75	10.75

Sverd, Vegard Dragsund (NOR) (1999)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****National FINAL - 2021 Bislett Games (Oslo, NOR)***Omega Timing (2021) - diamond league race analysis*

date	01-Jul-21	time		3.2		5.2		7.2		9.2		11.21	11.21		1 / 8		
reaction time	0.151	interval				2.00		2.00		2.00		2.01		# of strides			
wind	0.2 m/s	velocity		6.25		10.00		10.00		10.00		9.95	8.92				

Svoboda, Vojtech (CZE) (1995)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)***Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	1.97	3.08	4.13	5.11	6.08	7.05	8.03	9.03	10.02	11.07	11.07		4 / 3		
reaction time	0.119	interval		1.11	1.05	0.98	0.97	0.97	0.98	1.00	0.99	1.05		# of strides	4.13	2.92	2.97
wind	-3.4 m/s	velocity	5.08	9.01	9.52	10.20	10.31	10.31	10.20	10.00	10.10	9.52	9.03		7.26	10.27	10.10

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.23		5.24		7.19		9.15		11.12	11.12		4 / 1		
reaction time	0.183	interval				2.01		1.95		1.96		1.97		# of strides			
wind	-1.7 m/s	velocity		6.19		9.95		10.26		10.20		10.15	8.99				

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

date	15-Jun-13	time	3.15		5.19		7.14		9.15		11.23	11.23		2 / 6			
reaction time	0.139	interval			2.04		1.95		2.01		2.08			# of strides			
wind	-3.2 m/s	velocity		6.35		9.80		10.26		9.95		9.62	8.90				

Sysoyev, Aleksey (RUS) (1985)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Decathlon - Heat 1 - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	19-Aug-09	time		3.17		5.15		7.06		8.93		10.85	10.85		4 / 1		
reaction time	0.144	interval				1.98		1.91		1.87		1.92		# of strides			
wind	0.3 m/s	velocity		6.31		10.10		10.47		10.70		10.42	9.22				

Tachibana, Kouei (JPN) (2004)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2022 Japanese National High School Championships (Naruto, JPN)***Kishima (2022) - national high school championships biomechanics data collection*

date	04-Aug-22	time	1.89	2.98	3.96	4.90	5.83	6.75	7.68	8.61	9.57	10.54	10.54		4 / 2			
reaction time	0.139	interval	1.09	0.98	0.94	0.93	0.92	0.92	0.93	0.93	0.96	0.97	=PB	# of strides	3.96	2.79	2.82	
wind	-0.6 m/s	velocity	5.29	9.17	10.20	10.64	10.75	10.87	10.75	10.75	10.42	10.31	9.49		48.7	7.58	10.75	10.64

Tada, Shuhei (JPN) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2021 Fuse Sprint (Tottori, JPN)***Miyashiro (2021) - https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21*

date	06-Jun-21	time	1.83	2.87	3.81	4.70	5.57	6.44	7.31	8.19	9.09	10.01	10.01		5 / 2			
reaction time	0.136	interval	1.04	0.94	0.89	0.87	0.87	0.87	0.88	0.90	0.92		PB	# of strides	3.81	2.63	2.65	
wind	2.0 m/s	velocity	5.46	9.62	10.64	11.24	11.49	11.49	11.49	11.36	11.11	10.87	9.99		48.0	7.87	11.41	11.32

FINAL - 2020 Japanese National Championships (Niigata, JPN)*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	02-Oct-20	time	1.85	2.91	3.87	4.78	5.68	6.58	7.49	8.41	9.36	10.34	10.34		6 / 5			
reaction time	0.142	interval	1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.95	0.98			# of strides	3.87	2.71	2.78	
wind	-0.2 m/s	velocity	5.41	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.53	10.20	9.67		49.0	7.75	11.07	10.79

FINAL - 2020 Athlete Night Games (Fukui, JPN)*Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

date	29-Aug-20	time	1.87	2.93	3.88	4.79	5.68	6.56	7.45	8.35	9.27	10.21	10.21		1 / 4		
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reaction time	interval	1.06	0.95	0.91	0.89	0.88	0.89	0.90	0.92	0.94		# of strides	3.88	2.68	2.71		
wind	1.0 m/s	velocity	5.35	9.43	10.53	10.99	11.24	11.36	11.24	11.11	10.87	10.64	9.79	50.4	7.73	11.19	11.07
Heat 2 - 2020 Athlete Night Games (Fukui, JPN)												<i>Ohunma (2020) - men's 100m race analysis at major competitions in 2020</i>					
date	29-Aug-20	time	1.84	2.91	3.86	4.77	5.66	6.54	7.43	8.33	9.24	10.18	10.18	/ 1			
reaction time	interval	1.07	0.95	0.91	0.89	0.88	0.89	0.90	0.91	0.94		# of strides	3.86	2.68	2.70		
wind	1.5 m/s	velocity	5.43	9.35	10.53	10.99	11.24	11.36	11.24	11.11	10.99	10.64	9.82	51.5	7.77	11.19	11.11
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)												<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>					
date	19-May-19	time	1.86	2.90	3.85	4.74	5.62	6.49	7.37	8.26	9.18	10.12	10.12	2 / 6			
reaction time	0.157	interval	1.04	0.95	0.89	0.88	0.87	0.88	0.89	0.92	0.94	# of strides	3.85	2.64	2.69		
wind	1.7 m/s	velocity	5.38	9.62	10.53	11.24	11.36	11.49	11.36	11.24	10.87	10.64	9.88	47.8	7.79	11.36	11.15
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>					
date	23-Jun-18	time	1.87	2.92	3.87	4.78	5.67	6.55	7.45	8.35	9.27	10.22	10.22	8 / 5			
reaction time	0.147	interval	1.05	0.95	0.91	0.89	0.88	0.90	0.90	0.92	0.95	# of strides	3.87	2.68	2.72		
wind	0.6 m/s	velocity	5.35	9.52	10.53	10.99	11.24	11.36	11.11	11.11	10.87	10.53	9.78	48.1	7.75	11.19	11.03
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)												<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>					
date	20-May-18	time	1.88	2.93	3.89	4.80	5.70	6.60	7.51	8.43	9.36	10.32	10.32	6 / 6			
reaction time	0.150	interval	1.05	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.96	# of strides	3.89	2.71	2.76		
wind	-0.7 m/s	velocity	5.32	9.52	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.42	9.69	48.3	7.71	11.07	10.87
Semi-Final 2 - 2017 Japanese National Championships (Osaka, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
date	23-Jun-17	time	1.82	2.85	3.79	4.69	5.57	6.45	7.33	8.23	9.16	10.10	10.10	/ 2			
reaction time	0.131	interval	1.03	0.94	0.90	0.88	0.88	0.88	0.90	0.93	0.94	# of strides	3.79	2.66	2.71		
wind	0.5 m/s	velocity	5.49	9.71	10.64	11.11	11.36	11.36	11.36	11.11	10.75	10.64	9.90	48.7	7.92	11.28	11.07
Taftian, Hassan (IRI) (1993)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 5 - 2024 Olympic Games (Paris, FRA)												<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
FINAL - 2022 Meeting de Paris (Paris, FRA)												<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		1.90	# of strides				
wind	-1.6 m/s	velocity		6.58		10.53		10.81		10.93		10.53	9.51				
Taka, Shohei (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)												<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
Heat 4 - 2020 Japanese High School National Championships (Hiroshima, JPN)												<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
Race 1 - 2020 World Athletics Trials (Fuji, JPN)												<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	=PB	# of strides	3.99	2.82	2.82		
wind	0.6 m/s	velocity	5.32	9.01	10.00	10.42	10.75	10.75	10.75	10.64	10.53	10.20	9.43	55.8	7.52	10.64	10.64
Takahashi, Yu (JPN) (1995)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2013 Japanese National High School Championships (Oita, JPN)												<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	0.92	0.93	0.96	PB	# of strides	4.05	2.77	2.77	
wind	0.1 m/s	velocity	5.05	9.17	10.20	10.64	10.87	10.99	10.87	10.87	10.75	10.42	9.48		7.41	10.83	10.83
Takahira, Shinji (JPN) (1984)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Race 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<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	2.3 m/s	velocity	5.15	9.43	10.42	10.87	11.11	10.99	11.11	10.87	10.75	10.42	9.62	45.4	7.58	10.99	10.91
Race C - 2014 Izumo Athletics Games (Izumo, JPN)												<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	0.92	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

date	29-Apr-14	time	1.92	2.95	3.89	4.79	5.67	6.55	7.43	8.32	9.22	10.14	10.14	4 / 1														
reaction time		interval		1.03	0.94	0.90	0.88	0.88	0.88	0.89	0.90	0.92		# of strides	3.89	2.66	2.67											
wind	2.6 m/s	velocity	5.21	9.71	10.64	11.11	11.36	11.36	11.36	11.24	11.11	10.87	9.86	46.5	7.71	11.28	11.24											
FINAL - 2014 Izumo Athletics Games (Izumo, JPN)														<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											
Heat 3 - 2013 Mikio Oda Memorial (Hiroshima, JPN)														<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	PB	# of strides	3.90	2.68	2.72											
wind	0.9 m/s	velocity	5.21	9.62	10.64	11.11	11.11	11.36	11.24	10.99	10.87	10.75	9.78	47.0	7.69	11.19	11.03											
Takeda, Ippei (JPN) (1997)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese National Championships (Niigata, JPN)														<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)														<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	10.25	9 / 3														
reaction time	0.149	interval		1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	PB	# of strides	3.91	2.72	2.70											
wind	0.7 m/s	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.76	51.8	7.67	11.03	11.11											
FINAL - 2017 Japanese National Sports Festival (Matsuyama, JPN)														<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	3.90	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											
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)														<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>														
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)														<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>														
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)														<i>Matsuo (2010) - 63rd high school championships: JAF scientific committee- biomechanics data</i>														
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)														<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>														
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											
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)														<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>														
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)														<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>														
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)														<i>Kishima (2022) - national high school championships biomechanics data collection</i>														
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)														<i>Hisashi (2010) - the run performance analysis in the decathlon sprint events</i>														

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				
Tärnhuvud, Stefan (SWE) (1985)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Heat 1 - 2016 Windsprint (Sundsvall, SWE)			<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 FINAL - 2014 Windsprint (Sundsvall, SWE)			<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 FINAL - 2013 Windsprint (Sundsvall, SWE)			<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					
Heat 8 - 2013 Windsprint (Sundsvall, SWE)			<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					
Semi-Final 1 - 2013 European Indoor Championships (Göteborg, SWE)			<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																		
date	02-Mar-13	time			2.98			4.86		6.67		6.67	6.67	8 / 6							
reaction time	0.145	interval						1.88		1.81		PB		# of strides							
		velocity			6.71			10.64		11.05		9.00			31.0						
FINAL - 2012 Windsprint (Sundsvall, SWE)			<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																		
date	17-Jun-12	time			4.03			6.78		8.62		10.52	10.52	1 / 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)			<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	31-Jul-11	time			3.98			6.67		8.46		10.33	10.33	5 / 4							
reaction time		interval						2.69		1.79		1.87		# of strides	3.98	2.69					
wind	2.8 m/s	velocity			7.54			11.15		11.17		10.70	9.68		7.54	11.15					
FINAL - 2010 Windsprint (Sundsvall, SWE)			<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	08-Aug-10	time			4.04			6.81		8.66		10.58	10.58	1 / 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)			<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	25-Jul-09	time			4.00			6.75		8.55		10.46	10.46	1 / 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)			<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	06-Jul-08	time			4.01			6.77		8.60		10.48	10.48	2 / 1							
reaction time		interval						2.76		1.83		1.88		# of strides	4.01	2.76					
wind	1.6 m/s	velocity			7.48			10.87		10.93		10.64	9.54		47.7	7.48	10.87				
FINAL - 2007 Windsprint (Sundsvall, SWE)			<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	24-Jul-07	time			4.11			6.91		8.77		10.69	10.69	1 / 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)			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)			<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	0.182	interval						2.00				4.97		# of strides	4.21						
wind	-1.1 m/s	velocity			7.13			3.22				10.06	8.94		7.13						
Tatsumi, Shin (JPN)			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)			<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	PB	# of strides	3.91	2.76	2.84
wind	-0.3 m/s	velocity			5.32		9.35	10.42	10.87	10.87	10.87	10.75	10.64	10.31	10.00	9.51		48.0	7.67	10.87	10.56

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Tau, Shun (JPN) (1997)																	
Decathlon - Heat 2 - 2023 Japanese Multi-Event National Championships (Akita, JPN)												<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	0.155	interval		1.13	1.01	0.97	0.94	0.94	0.95	0.96	0.99	1.02		# of strides	4.12	2.85	2.90
wind	0.6 m/s	velocity	5.05	8.85	9.90	10.31	10.64	10.64	10.53	10.42	10.10	9.80	9.18		7.28	10.53	10.34
Decathlon - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN)												<i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>					
date	04-Jun-02	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	0.130	interval		1.14	1.04	1.00	0.98	0.98	0.98	1.00	1.02	1.05		# of strides	4.13	2.96	3.00
wind	-0.2 m/s	velocity	5.13	8.77	9.62	10.00	10.20	10.20	10.20	10.00	9.80	9.52	8.98		7.26	10.14	10.00
Decathlon - Heat 3 - 2020 Japanese Multi-Event National Championships (Nagano, JPN)												<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)																	
FINAL - 1972 Olympic Games (Munich, FRG)												<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	
Tebogo, Letsile (BOT) (2003)																	
FINAL - 2024 Golden Gala Pietro Mennea (Roma, ITA)												<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	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
FINAL - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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	0.85	0.88	NR PB	# of strides	3.87	2.58	2.53
wind	1.0 m/s	velocity	5.26	9.62	10.75	11.36	11.63	11.90	11.90	11.90	11.76	11.36	10.14		43.0	7.75	11.63
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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	0.84	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
Heat 8 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic 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
FINAL - 2024 London Athletics Meet (London, GBR)												<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	=NR =PB	# of strides	3.89	2.59	2.56
wind	-0.3 m/s	velocity	5.21	9.62	10.75	11.24	11.63	11.90	11.76	11.90	11.49	11.90	10.12		43.0	7.71	11.58
FINAL - 2023 Prefontaine Classic (Eugene, OR)												<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
FINAL - 2023 Herculis Meeting International d'Athlétisme (Monaco, MON)												<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
FINAL - 2023 Meeting de Paris (Paris, FRA)												<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

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

date	28-May-23	time	1.91	2.96	3.92	4.83	5.71	6.59	7.46	8.32	9.19	10.09	10.09	8 / 4			
reaction time	0.173	interval		1.05	0.96	0.91	0.88	0.88	0.87	0.86	0.87	0.90		# of strides	3.92	2.67	2.60
wind	0.1 m/s	velocity	5.24	9.52	10.42	10.99	11.36	11.36	11.49	11.63	11.49	11.11	9.91	43.0	7.65	11.24	11.54

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

date	28-May-22	time		2.95		4.79		6.55		8.31		10.12	10.12	8 / 5			
reaction time	0.169	interval				1.84		1.76		1.76		1.81		# of strides			
wind	-0.2 m/s	velocity		6.78		10.87		11.36		11.36		11.05	9.88	43.0			

Terasawa, Daichi (JPN) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)***Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time		4.14		6.06						11.07	11.07	4 / 3			
reaction time	0.176	interval				1.92						5.01		# of strides	4.14		
wind	-1.1 m/s	velocity		7.25		3.30						9.98	9.03		7.25		

Terasawa, Daiti (JPN) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2021 Japanese High School National Championships (Fukui, JPN)***Shibayama (2021) - national high school and U20 national championships*

date	29-Jul-21	time	1.97	3.07	4.05	4.99	5.91	6.82	7.74	8.67	9.62	10.59	10.59	2 / 7			
reaction time	0.138	interval		1.10	0.98	0.94	0.92	0.91	0.92	0.93	0.95	0.97		# of strides	4.05	2.77	2.80
wind	1.8 m/s	velocity	5.08	9.09	10.20	10.64	10.87	10.99	10.87	10.75	10.53	10.31	9.44		7.41	10.83	10.71

Tewa, Waisake (FIJ) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Prelim 6 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	03-Aug-24	time	1.97	3.07	4.05	5.01	5.92	6.86	7.80	8.76	9.74	10.73	10.73	6 / 7			
reaction time	0.153	interval		1.10	0.98	0.96	0.91	0.94	0.94	0.96	0.98	0.99		# of strides	4.05	2.81	2.88
wind	0.3 m/s	velocity	5.08	9.09	10.20	10.42	10.99	10.64	10.64	10.42	10.20	10.10	9.32		47.0	7.41	10.68

Theodoridis, Yeóryios (GRE) (1972)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 2 - 2002 European Championships (Munich, GER)***Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		2.94	3.89	4.80		6.57		8.37		10.24	10.24	/ 2			
reaction time	0.117	interval			0.95	0.91		1.77		1.80		1.87		# of strides	3.89	2.68	
wind	0.1 m/s	velocity		6.80	10.53	10.99		11.30		11.11		10.70	9.77		7.71	11.19	

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

date	06-Aug-02	time		2.96	3.92	4.83		6.61		8.40		10.25	10.25	/ 1			
reaction time	0.125	interval			0.96	0.91		1.78		1.79		1.85		# of strides	3.92	2.69	
wind	-0.1 m/s	velocity		6.76	10.42	10.99		11.24		11.17		10.81	9.76		7.65	11.15	

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

date	06-Aug-02	time		2.98	3.93	4.84		6.62		8.40		10.24	10.24	/ 1			
reaction time	0.134	interval			0.95	0.91		1.78		1.78		1.84		# of strides	3.93	2.69	
wind	0.4 m/s	velocity		6.71	10.53	10.99		11.24		11.24		10.87	9.77		7.63	11.15	

Thessén, Emil (SWE) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****E FINAL - 2011 Windsprint (Sundsvall, SWE)***(2011) - www.ssg.se/en/Windsprint/Split-times/*

date	31-Jul-11	time			4.20		7.11		9.05		11.06	11.06	5 / 3				
reaction time		interval					2.91		1.94		2.01		# of strides	4.20	2.91		
wind	1.8 m/s	velocity			7.14		10.31		10.31		9.95	9.04			7.14	10.31	

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*

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	

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)*

date	04-Aug-24	time	1.90	2.93	3.84	4.72	5.56	6.41	7.24	8.07	8.92	9.79	9.79	4 / 2			
reaction time	0.176	interval		1.03	0.91	0.88	0.84	0.85	0.83	0.83	0.85	0.87		# of strides	3.84	2.57	2.51
wind	1.0 m/s	velocity	5.26	9.71	10.99	11.36	11.90	11.76	12.05	12.05	11.76	11.49	10.21		45.0	7.81	11.67

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

date	04-Aug-24	time	1.88	2.91	3.83	4.70	5.55	6.40	7.24	8.08	8.94	9.80	9.80	4 / 1			
reaction time	0.157	interval		1.03	0.92	0.87	0.85	0.85	0.84	0.84	0.86	0.86		# of strides	3.83	2.57	2.54
wind	0.5 m/s	velocity	5.32	9.71	10.87	11.49	11.76	11.76	11.90	11.90	11.63	11.63	10.20		44.7	7.83	11.67

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

date	03-Aug-24	time	1.93	2.99	3.89	4.77	5.62	6.47	7.34	8.20	9.10	10.00	10.00	5 / 1			
reaction time	0.160	interval		1.06	0.90	0.88	0.85	0.85	0.87	0.86	0.90	0.90		# of strides	3.89	2.58	2.63
wind	0.6 m/s	velocity	5.18	9.43	11.11	11.36	11.76	11.76	11.49	11.63	11.11	11.11	10.00		44.5	7.71	11.63

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

date	16-Sep-23	time	1.87	2.89	3.81	4.68	5.53	6.38	7.24	8.09	8.96	9.87	9.87	7 / 4			
reaction time	0.129	interval		1.02	0.92	0.87	0.85	0.85	0.86	0.85	0.87	0.91		# of strides	3.81	2.57	2.58
wind	0.1 m/s	velocity	5.35	9.80	10.87	11.49	11.76	11.76	11.63	11.76	11.49	10.99	10.13		45.0	7.87	11.67

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

date	02-Sep-23	time	1.87	2.91	3.82	4.69	5.55	6.40	7.25	8.10	8.97	9.85	9.85	10 / 2			
reaction time	0.145	interval		1.04	0.91	0.87	0.86	0.85	0.85	0.85	0.87	0.88	PB	# of strides	3.82	2.58	2.57
wind	0.4 m/s	velocity	5.35	9.62	10.99	11.49	11.63	11.76	11.76	11.76	11.49	11.36	10.15		45.5	7.85	11.63

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

date	21-Jul-23	time	1.92	2.95	3.88	4.76	5.63	6.49	7.36	8.23	9.12	10.04	10.04	7 / 5			
reaction time	0.186	interval		1.03	0.93	0.88	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.88	2.61	2.63
wind	0.6 m/s	velocity	5.21	9.71	10.75	11.36	11.49	11.63	11.49	11.49	11.24	10.87	9.96		44.5	7.73	11.49

Thompson, Obadele, (BAR) (1976)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1999 IAAF World Championships (Sevilla, ESP)***Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.77	2.79	3.71	4.61	5.50	6.36	7.22	8.10	8.97	9.86	10.00	1 / 4			
reaction time	0.145	interval		1.02	0.92	0.90	0.89	0.86	0.86	0.88	0.87	0.89		# of strides	3.71	2.65	2.61
wind	0.2 m/s	velocity	5.65	9.80	10.87	11.11	11.24	11.63	11.63	11.36	11.49	11.24	10.00		8.09	11.32	11.49

Thompson, Richard (TTO) (1985)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	2.90	3.83	4.71		6.45		8.17	9.93	9.93	9.93	8 / 5				
reaction time	0.119	interval		0.93	0.88		1.74		1.72		1.76			# of strides	3.83	2.62	
wind	0.9 m/s	velocity		6.90	10.75	11.36		11.49		11.63		11.36	10.07		7.83	11.45	

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

date	16-Aug-09	time	2.92	3.85	4.74		6.51		8.22	9.98	9.98	9.98	3 / 3				
reaction time	0.132	interval		0.93	0.89		1.77		1.71		1.76			# of strides	3.85	2.66	
wind	-0.2 m/s	velocity		6.85	10.75	11.24		11.30		11.70		11.36	10.02		44.0	7.79	11.28

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

date	15-Aug-09	time	2.92	3.86	4.76		6.54		8.28	10.08	10.08	10.08	4 / 2				
reaction time	0.145	interval		0.94	0.90		1.78		1.74		1.80			# of strides	3.86	2.68	
wind	-0.7 m/s	velocity		6.85	10.64	11.11		11.24		11.49		11.11	9.92		7.77	11.19	

Heat 10 - 2009 IAAF World Championships (Berlin, GER)*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time	2.97	3.92	4.83		6.63		8.42	10.36	10.36	10.36	6 / 1				
reaction time	0.155	interval		0.95	0.91		1.80		1.79		1.94			# of strides	3.92	2.71	
wind	-0.3 m/s	velocity		6.73	10.53	10.99		11.11		11.17		10.31	9.65		7.65	11.07	

FINAL - 2008 Olympic Games (Beijing, CHN)*Vazel (2020) - <https://twitter.com/pjvazel/status/1295071299350470663?s=21>*

date	16-Aug-08	time		3.78			6.40		8.13	9.89	9.89	9.89	5 / 2				
reaction time	0.133	interval					2.62		1.73		1.76	PB		# of strides	3.78	2.62	
wind	0.0 m/s	velocity		7.94			11.45		11.56		11.36	10.11			44.2	7.94	11.45

Thor, Viktor (SWE) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)***Omega Timing (2023) - diamond league race analysis*

date	02-Jul-23	time	1.97	3.07	4.07	5.03	5.96	6.90	7.83	8.78	9.74	10.71	10.71	2 / 7			
reaction time	0.145	interval		1.10	1.00	0.96	0.93	0.94	0.93	0.95	0.96	0.97		# of strides	4.07	2.83	2.84
wind	-0.1 m/s	velocity	5.08	9.09	10.00	10.42	10.75	10.64	10.75	10.53	10.42	10.31	9.34		7.37	10.60	10.56

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

date	04-Jul-21	time		3.1		5.0		6.9		8.8	10.65	10.65	10.65	8 / 7			
reaction time	0.145	interval				1.90		1.90		1.90	1.85			# of strides			
wind	0.5 m/s	velocity		6.45		10.53		10.53		10.53	10.81	9.39			47.5		

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

date	30-Jul-17	time		4.20		6.24	7.26		9.22		11.28	11.28	11.28	6 / 4			
reaction time		interval				2.04	1.02		1.96		2.06			# of strides	4.20	3.06	
wind	1.5 m/s	velocity		7.14		9.80	9.80		10.20		9.71	8.87			7.14	9.80	

Thor, William (SWE) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****D FINAL - 2017 Windsprint (Sundsvall, SWE)***(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time		4.30		6.31	7.32		9.34		11.42	11.42	11.42	6 / 2			
reaction time		interval				2.01	1.01		2.02		2.08			# of strides	4.30	3.02	
wind	1.2 m/s	velocity		6.98		9.95	9.90		9.90		9.62	8.76			6.98	9.93	

Thornberg, Nils (SWE) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2017 Windsprint (Sundsvall, SWE)***(2017) - www.windsprint/Splittider/*

date	30-Jul-17	time	4.17	6.10	7.03	8.96	10.94	10.94	5 / 5		
reaction time		interval		1.93	0.93	1.93	1.98		# of strides	4.17	2.86
wind	1.5 m/s	velocity	7.19	10.36	10.75	10.36	10.10	9.14		7.19	10.49

A FINAL - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time	4.20		7.10		11.06	11.06	(2016) - www.windsprint/Splittider/		
reaction time		interval			2.90		3.96	PB	# of strides	4.20	2.90
wind	1.4 m/s	velocity	7.14		10.34		10.10	9.04		7.14	10.34

Heat 2 - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time	4.20		7.08		11.16	11.16	(2016) - www.windsprint/Splittider/		
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	(2013) - www.ssg.se/windsprint/Splittider/		
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	(2011) - www.ssg.se/en/Windsprint/Split-times/		
reaction time		interval			3.07	2.08	2.11		# of strides	4.23	3.07
wind	1.6 m/s	velocity	7.09		9.77	9.62	9.48	8.70		7.09	9.77

E FINAL - 2010 Windsprint (Sundsvall, SWE)

date	08-Aug-10	time	4.41		7.66	9.82	12.03	12.03	(2010) - www.ssg.se/en/Windsprint/Split-times/		
reaction time		interval			3.25	2.16	2.21		# of strides	4.41	3.25
wind	1.6 m/s	velocity	6.80		9.23	9.26	9.05	8.31		6.80	9.23

Thorshaug, Erik (SWE) (1987)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
E FINAL - 2014 Windsprint (Sundsvall, SWE)																
date	20-Jul-14	time	4.17			7.06		8.94		10.88	10.88	(2014) - www.ssg.se/windsprint/Splittider/	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	(2013) - www.ssg.se/windsprint/Splittider/	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	

Tilga, Karel (EST) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA)																		
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	Paris 2024 Olympic Games - Results Book (2024)				
reaction time		interval	0.150	1.13	1.02	0.96	0.93	1.00	0.97	0.97	0.98	0.99		# of strides	4.21	2.89	2.92	
wind	0.9 m/s	velocity	4.85	8.85	9.80	10.42	10.75	10.00	10.31	10.31	10.20	10.10	9.08		42.5	7.13	10.38	10.27

Tjelta Larsen, Simen (NOR) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
D FINAL - 2015 Windsprint (Sundsvall, SWE)																
date	26-Jul-15	time	4.21			7.05		8.96		10.91	10.91	(2015) - www.windsprint/Splittider/	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 3 - 2016 Windsprint (Sundsvall, SWE)																
date	31-Jul-16	time	4.53			7.72				12.04	12.04	(2016) - www.windsprint/Splittider/	7 / 7			
reaction time		interval				3.19				4.32		# of strides	4.53	3.19		
wind	1.5 m/s	velocity	6.62			9.40				9.26	8.31		6.62	9.40		

G FINAL - 2014 Windsprint (Sundsvall, SWE)

date	20-Jul-14	time	4.60			7.84		10.01		12.25	12.25	(2014) - www.ssg.se/windsprint/Splittider/	8 / 6		
reaction time		interval				3.24		2.17		2.24		# of strides	4.60	3.24	
wind	1.6 m/s	velocity	6.52			9.26		9.22		8.93	8.16		6.52	9.26	

Torrieri, Marco (ITA) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2001 European Cup (Bremen, GER)																
date	23-Jun-01	time	3.08	4.05	4.97		6.72	8.59		10.29	10.29	Graubner (2007) - http://www.fgs.uni-halle.de	/ 4			
reaction time		interval		0.97	0.92		1.75	1.87		1.70		# of strides	4.05	2.67		
wind	1.4 m/s	velocity	6.49	10.31	10.87		11.43	10.70		11.76	9.72		7.41	11.24		

Tortu, Filippo (ITA) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)																
date	09-Jul-21	time	3.1		4.9		6.7	8.4		10.17	10.17	Omega Timing (2021) - diamond league race analysis	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)												<i>Omega Timing (2020) - diamond league race analysis</i>					
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 The Match - Europe v USA (Minsk, BLR)												<i>European Athletics (2019) - race analysis</i>					
date	09-Sep-19	time		5.89			10.29	10.29				4 / 4					
reaction time	0.180	interval					4.40					# of strides					
wind	-1.1 m/s	velocity		8.49			11.36	9.72				45.0					
Totsuna, Akihiro (JPN)																	
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)												<i>Takashima (2023) - national high school sports festival - biomechanics data</i>					
date	03-Aug-23	time	1.98	3.11	4.14	5.12	6.09	7.06	8.04	9.03	10.05	11.08	11.08	3 / 8			
reaction time	0.218	interval		1.13	1.03	0.98	0.97	0.97	0.98	0.99	1.02	1.03		# of strides	4.14	2.92	2.99
wind	-2.7 m/s	velocity	5.05	8.85	9.71	10.20	10.31	10.31	10.20	10.10	9.80	9.71	9.03		7.25	10.27	10.03
Toumadji, Herve (CAF) (1994)																	
Prelim 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	1.97	3.08	4.08	5.06	5.99	6.93	7.88	8.83	9.79	10.76	10.76	5 / 4			
reaction time	0.146	interval		1.11	1.00	0.98	0.93	0.94	0.95	0.95	0.96	0.97		# of strides	4.08	2.85	2.86
wind	-0.3 m/s	velocity	5.08	9.01	10.00	10.20	10.75	10.64	10.53	10.53	10.42	10.31	9.29		46.0	7.35	10.53
Touray, Ousman (NOR) (1995)																	
D FINAL - 2015 Windsprint (Sundsvall, SWE)												<i>(2015) - www.windsprint/Splittider/</i>					
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)																	
FINAL - 2022 FBK Games (Hengelo, NED)												<i>Omega Timing (2022) - continental tour race analysis</i>					
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)												<i>Omega Timing (2019) - diamond league race analysis</i>					
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)												<i>Omega Timing (2019) - diamond league race analysis</i>					
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)												<i>(2015) - www.windsprint/Splittider/</i>					
date	26-Jul-15	time			3.98			6.68		8.47		10.31	10.31	5 / 1			
reaction time		interval						2.70		1.79		1.84		# of strides	3.98	2.70	
wind	1.0 m/s	velocity			7.54			11.11		11.17		10.87	9.70		7.54	11.11	
Tsubasa, Suzuki (JPN) (2003)																	
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
date	04-Oct-19	time			4.11		6.05					10.95	10.95	5 / 1			
reaction time	0.138	interval					1.94					4.90		# of strides	4.11		
wind	-1.1 m/s	velocity			7.30		3.31					10.20	9.13		7.30		
Tsukagichi, Teppei (JPN) (2001)																	
FINAL - 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	1.92	3.01	3.99	4.92	5.83	6.72	7.63	8.54	9.47	10.43	10.43	/ 4			
reaction time		interval		1.09	0.98	0.93	0.91	0.89	0.91	0.91	0.93	0.96		# of strides	3.99	2.73	2.75
wind	2.9 m/s	velocity	5.21	9.17	10.20	10.75	10.99	11.24	10.99	10.99	10.75	10.42	9.59		7.52	10.99	10.91
Tsukahara, Naoki (JPN) (1985)																	
Heat 3 - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>					
date	27-Jun-15	time	1.91	2.97	3.93	4.84	5.74	6.64	7.55	8.47	9.40	10.35	10.35	3 / 1			
reaction time	0.155	interval		1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.95		# of strides	3.93	2.71	2.76
wind	0.2 m/s	velocity	5.24	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.53	9.66		47.0	7.63	11.07
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)												<i>Matsuo (2015) - 2015 men's & 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
Heat 3 - 2015 Mikio Oda Memorial (Hiroshima, JPN)												<i>Matsuo (2015) - 2015 men's & 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
Heat 1 - 2014 Mikio Oda Memorial (Hiroshima, JPN)												<i>Koyama (2014) - research on athlete performance and technique- 2014 data book</i>					
date	29-Apr-14	time	1.95	3.03	4.00	4.93	5.85	6.77	7.68	8.59	9.52	10.48	10.48	5 / 6			
reaction time		interval	1.08	0.97	0.93	0.92	0.92	0.91	0.91	0.93	0.96		# of strides	4.00	2.77	2.75	
wind	2.0 m/s	velocity	5.13	9.26	10.31	10.75	10.87	10.87	10.99	10.99	10.75	10.42	9.54	47.9	7.50	10.83	10.91
Heat 2 - 2014 Izumo Athletics Games (Izumo, JPN)												<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
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)												<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	0.90	0.91	0.92		# of strides	3.90	2.72	2.71	
wind	1.3 m/s	velocity	5.26	9.52	10.53	10.87	11.11	11.11	11.11	11.11	10.99	10.87	9.76	46.5	7.69	11.03	11.07
FINAL - 2010 East Japan Corporate Championships (Kumagaya, JPN)												<i>Takikawa (???) - study on scientific data usage model & 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	
FINAL - 2010 Osaka Grand Prix (Osaka, JPN)												<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
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												<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	
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												<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	
Heat 12 - 2009 IAAF World Championships (Berlin, GER)												<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		
Heat 1 - 2009 Japanese National Championships (Hiroshima, JPN)												<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	PB	# of strides	3.89	2.65	2.65
wind	1.8 m/s	velocity	5.21	9.62	10.75	11.11	11.36	11.49	11.36	11.36	11.24	11.11	9.91	7.71	11.32	11.32	
FINAL - 2009 Osaka Grand Prix (Osaka, JPN)												<i>Takikawa (???) - a study on scientific data usage 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	PB	# of strides	3.93	2.64	
wind	0.8 m/s	velocity			7.63			11.36				11.24	9.87	46.5	7.63	11.36	
Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN)												<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	
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 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)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>					
date	29-Jun-08	time	1.95	3.00	3.96	4.88	5.78	6.68	7.57	8.48	9.39	10.31	10.31	/ 1			
reaction time		interval		1.05	0.96	0.92	0.90	0.90	0.89	0.91	0.91	0.92		# of strides	3.96	2.72	2.71
wind	-0.2 m/s	velocity	5.13	9.52	10.42	10.87	11.11	11.11	11.24	10.99	10.99	10.87	9.70	7.58	11.03	11.07	

A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.92	3.01	4.01	4.96	5.89	6.83	7.77	8.72	9.70	10.71	10.71	/ 6			
reaction time		interval		1.09	1.00	0.95	0.93	0.94	0.94	0.95	0.98	1.01		# of strides	4.01	2.82	2.87
wind	0.8 m/s	velocity	5.21	9.17	10.00	10.53	10.75	10.64	10.64	10.53	10.20	9.90	9.34		7.48	10.64	10.45

FINAL - 2007 Seiko Super Grand Prix (Yokohama, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	30-Sep-07	time	1.99	3.05	4.02	4.95	5.86	6.77	7.69	8.61	9.55	10.51	10.51	/ 3			
reaction time		interval		1.06	0.97	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	4.02	2.75	2.78
wind	-1.4 m/s	velocity	5.03	9.43	10.31	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.51		7.46	10.91	10.79

Quarter-Final 4 - 2007 IAAF World Championships (Osaka, JPN)*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.92	2.96	3.91	4.83	5.73	6.62	7.53	8.44	9.36	10.31	10.31	7 / 5			
reaction time	0.154	interval		1.04	0.95	0.92	0.90	0.89	0.91	0.91	0.92	0.95		# of strides	3.91	2.71	2.74
wind	-0.3 m/s	velocity	5.21	9.62	10.53	10.87	11.11	11.24	10.99	10.99	10.87	10.53	9.70		49.2	7.67	11.07

Heat 7 - 2007 IAAF World Championships (Osaka, JPN)*Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics*

date	25-Aug-07	time	1.87	2.92	3.87	4.78	5.68	6.57	7.47	8.36	9.27	10.20	10.20	3 / 2			
reaction time	0.132	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.89	0.91	0.93	PB	# of strides	3.87	2.70	2.70
wind	-0.1 m/s	velocity	5.35	9.52	10.53	10.99	11.11	11.24	11.11	11.24	10.99	10.75	9.80		7.75	11.11	11.11

FINAL - 2007 Japanese National Championships (Osaka, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.92	2.99	3.95	4.88	5.79	6.69	7.58	8.49	9.41	10.34	10.34	/ 1			
reaction time		interval		1.07	0.96	0.93	0.91	0.90	0.89	0.91	0.92	0.93		# of strides	3.95	2.74	2.72
wind	-0.3 m/s	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.24	10.99	10.87	10.75	9.67		7.59	10.95	11.03

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

date	05-May-07	time	1.97	3.03	4.00	4.93	5.85	6.76	7.67	8.58	9.51	10.45	10.45	/ 4			
reaction time		interval		1.06	0.97	0.93	0.92	0.91	0.91	0.91	0.93	0.94		# of strides	4.00	2.76	2.75
wind	0.4 m/s	velocity	5.08	9.43	10.31	10.75	10.87	10.99	10.99	10.99	10.75	10.64	9.57		7.50	10.87	10.91

Tsukamoto, Justin Junpei (JPN) (2001) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)***Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	1.94	3.02	3.98	4.90	5.81	6.71	7.62	8.54	9.48	10.43	10.43	7 / 1			
reaction time		interval		1.08	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.95	PB	# of strides	3.98	2.73	2.77
wind	-0.3 m/s	velocity	5.15	9.26	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.53	9.59		47.2	7.54	10.99

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 data*

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

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 data*

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

Tumi, Michael (ITA) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2013 European Indoor Championships (Göteborg, SWE)***Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	02-Mar-13	time		2.91		4.75		6.52				6.52	3 / 3			
reaction time	0.160	interval				1.84		1.77					# of strides			
wind		velocity		6.87		10.87		11.30				9.20		29.2		

Ueno, Masahide (JPN) (1983) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**A FINAL - 2008 Osaka Grand Prix (Osaka, JPN)***Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	10-May-08	time	1.99	3.03	3.97	4.90	5.81	6.73	7.65	8.59	9.55	10.55	10.55	/ 4			
reaction time		interval		1.04	0.94	0.93	0.91	0.92	0.92	0.94	0.96	1.00		# of strides	3.97	2.76	2.82
wind	0.8 m/s	velocity	5.03	9.62	10.64	10.75	10.99	10.87	10.87	10.64	10.42	10.00	9.48		7.56	10.87	10.64

FINAL - 2007 Japanese National Championships (Osaka, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	01-Jul-07	time	1.92	3.01	3.99	4.91	5.83	6.75	7.67	8.60	9.54	10.50	10.50	/ 3			
reaction time		interval		1.09	0.98	0.92	0.92	0.92	0.92	0.93	0.94	0.96		# of strides	3.99	2.76	2.79
wind	-0.3 m/s	velocity	5.21	9.17	10.20	10.87	10.87	10.87	10.87	10.75	10.64	10.42	9.52		7.52	10.87	10.75

Ujah, Chijindu (GBR) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****National FINAL - 2024 London Athletics Meet (London, GBR)***Omega Timing (2024) - diamond league race analysis*

date	20-Jul-24	time	1.90	2.96	3.90	4.80	5.68	6.55	7.43	8.31	9.22	10.14	10.14	5 / 3			
reaction time	0.128	interval		1.06	0.94	0.90	0.88	0.87	0.88	0.88	0.91	0.92		# of strides	3.90	2.65	2.67
wind	2.1 m/s	velocity	5.26	9.43	10.64	11.11	11.36	11.49	11.36	11.36	10.99	10.87	9.86		7.69	11.32	11.24

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

date	13-Jul-21	time		3.0		4.8		6.6		8.3		10.10	10.10	2 / 2			
reaction time	0.156	interval				1.80		1.80		1.70		1.80		# of strides			
wind	0.4 m/s	velocity		6.67		11.11		11.11		11.76		11.11	9.90		45.2		

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

date	04-Jul-21	time		3.0		4.8		6.6		8.3		10.10	10.10	6 / 3			
reaction time	0.150	interval				1.80		1.80		1.70		1.80		# of strides			
wind	-0.8 m/s	velocity		6.67		11.11		11.11		11.76		11.11	9.90		45.5		

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

date	10-Jun-21	time		3.0		4.9		6.6		8.4		10.10	10.10	3 / 2			
reaction time	0.156	interval				1.90		1.70		1.80		1.70		# of strides			
wind	-0.1 m/s	velocity		6.67		10.53		11.76		11.11		11.76	9.90		45.7		

Semi-Final 3 - 2017 IAAF World Championships (London, GBR)*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	05-Aug-17	time	1.90	2.97	3.92	4.82	5.70	6.57	7.44	8.32	9.21	10.12	10.12	7 / 4			
reaction time	0.156	interval		1.07	0.95	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.92	2.65	2.64
wind	0.4 m/s	velocity	5.26	9.35	10.53	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.88		45.5	7.65	11.32

Ujhelyi, Michal (CZE) (1995)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)***Feher (2012) - Czech Republic indoor national championships - men's 60m*

date	25-Feb-12	time	2.11	3.29	4.36	5.40	6.41	7.44					7.44	7 / 6			
reaction time	0.142	interval		1.18	1.07	1.04	1.01	1.03						# of strides	4.36	3.08	
		velocity	4.74	8.47	9.35	9.62	9.90	9.71					8.06		6.88	9.74	

Ulianov, Vitalii (EST) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2006 Estonian National Championships (Tallinn, EST)***Misjuk (2011) - running velocity dynamics in 100m sprint*

date	21-Jul-06	time		4.08				7.17		9.10		11.12	11.12	/ 5			
reaction time		interval						3.09		1.93		2.02		# of strides	4.08	3.09	
wind	0.6 m/s	velocity		7.35				9.71		10.36		9.90	8.99		7.35	9.71	

Unger, Tobias (GER) (1979)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 5 - 2009 IAAF World Championships (Berlin, GER)***Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

date	15-Aug-09	time		2.97	3.93	4.85		6.69		8.52		10.42	10.42	5 / 4			
reaction time	0.133	interval			0.96	0.92		1.84		1.83		1.90		# of strides	3.93	2.76	
wind	-0.7 m/s	velocity		6.73	10.42	10.87		10.87		10.93		10.53	9.60		7.63	10.87	

FINAL - 2008 German National Championships (Nurnberg, GER)*Seeger (2010) - DLV B-Trainer Ausbildung - sprint*

date	05-Jul-08	time		2.95	3.89	4.79		6.56		8.35		10.20	10.20	/ 1			
reaction time		interval			0.94	0.90		1.77		1.79		1.85		# of strides	3.89	2.67	
wind	-0.2 m/s	velocity		6.78	10.64	11.11		11.30		11.17		10.81	9.80		7.71	11.24	

Uno, Daichi (JPN) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2017 Japanese High School Championships (Yamagata, JPN)***Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-17	time		4.05				6.88		9.74		10.73	10.73	7 / 4			
reaction time	0.132	interval						2.83		2.86		0.99		# of strides	4.05	2.83	2.86
wind	-2.0 m/s	velocity		7.41				10.60		10.49		10.10	9.32		7.41	10.60	10.49

Uozato, Yusuke (JPN) (1994)**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		5.92				6.83	7.75	8.70	9.66	10.65	10.65	1 / 6			
reaction time		interval						0.91	0.92	0.95	0.96	0.99		# of strides			2.83
wind	0.0 m/s	velocity		8.45				10.99	10.87	10.53	10.42	10.10	9.39				10.60

Urbánek, Petr (CZE) (1998)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)***Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time		3.23				7.43		9.54		11.76	11.76	8 / 6			
reaction time	0.177	interval						2.09		2.11		2.22		# of strides			
wind	-4.2 m/s	velocity		6.19				9.57		9.48		9.01	8.50				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Urena, Jorge (ESP) (1993)																	
Decathlon - Heat 1 - 2024 Olympic Games (Paris, FRA) <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
Ushiro, Keisuke (JPN) (1986)																	
Decathlon - Heat 1 - 2023 Japanese Multi-Event National Championships (Akita, JPN) <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	
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	2.09	3.27	4.34	5.38	6.40	7.42	8.45	9.50	10.57	11.68	11.68	8 / 7			
reaction time	0.177	interval		1.18	1.07	1.04	1.02	1.02	1.03	1.05	1.07	1.11		# of strides	4.34	3.08	3.15
wind	0.6 m/s	velocity	4.78	8.47	9.35	9.62	9.80	9.80	9.71	9.52	9.35	9.01	8.56	6.91	9.74	9.52	
Decathlon - FINAL - 2022 Japanese Multi-Event National Championships (Akita, JPN) <i>Takefu (2023) - performance analysis of decathlon athletes in the 2022 season</i>																	
date	04-Jun-02	time	2.05	3.20	4.26	5.28	6.28	7.28	8.30	9.32	10.37	11.45	11.45	2 / 9			
reaction time		interval		1.15	1.06	1.02	1.00	1.00	1.02	1.02	1.05	1.08		# of strides	4.26	3.02	3.09
wind	0.1 m/s	velocity	4.88	8.70	9.43	9.80	10.00	10.00	9.80	9.80	9.52	9.26	8.73	7.04	9.93	9.71	
Decathlon - Heat 1 - 2020 Japanese Multi-Event National Championships (Nagano, JPN) <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	
Decathlon - Heat 3 - 2019 Japanese National Multi-Event Championships (Nagano, JPN) <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	
Decathlon - Heat 1 - 2018 Japanese National Multi-Event Championships (Nagano, JPN) <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	
Decathlon - Heat 1 - 2018 Tokyo Combined Event Meeting (Tokyo, JPN) <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	
Decathlon - Heat 2 - 2016 Wakayama Grand Prix (Wakayama, JPN) <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	
Decathlon - Heat ?? - 2015 Japanese National Multi-Event Championships (Nagano, JPN) <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	
Decathlon - Heat 2 - 2015 Wakayama Grand Prix (Wakayama, JPN) <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	
Decathlon - Heat 1 - 2014 Asian Games (Incheon, KOR) <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) <i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>																	
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) <i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>																	
date	26-Apr-14	time	2.02	3.13	4.15	5.14	6.12	7.10	8.08	9.08	10.09	11.14	11.14	4 / 3			
reaction time		interval		1.11	1.02	0.99	0.98	0.98	0.98	1.00	1.01	1.05	PB	# of strides	4.15	2.95	2.99
wind	-0.5 m/s	velocity	4.95	9.01	9.80	10.10	10.20	10.20	10.20	10.00	9.90	9.52	8.98	7.23	10.17	10.03	

Decathlon - Heat 2 - 2013 Japanese Multi-Event National Championships (Nagano, JPN)														<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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)														<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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)														<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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)														<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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)														<i>Takeo (2014) - decathletes sprint ability and relationship of individual performance</i>				
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)														<i>Hisashi (2012) - performance analysis of Japanese record holder Keisuke Ushiro</i>				
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)														<i>Hisashi (2012) - performance analysis of Japanese record holder Keisuke Ushiro</i>				
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)														<i>Hisashi (2012) - performance analysis of Japanese record holder Keisuke Ushiro</i>				
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)														<i>Hisashi (2012) - performance analysis of Japanese record holder Keisuke Ushiro</i>				
date	24-Apr-10	time	2.02	3.15	4.19	5.20	6.19	7.19	8.18	9.19	10.22	11.27	11.27	3 / 6				
reaction time		interval		1.13	1.04	1.01	0.99	1.00	0.99	1.01	1.03	1.05	PB	# of strides	4.19	3.00	3.03	
wind	1.9 m/s	velocity	4.95	8.85	9.62	9.90	10.10	10.00	10.10	9.90	9.71	9.52	8.87		7.16	10.00	9.90	
Decathlon - Heat 2 - 2009 Japanese National Championships (Hiroshima, JPN)														<i>Hisashi (2010) - the run performance analysis in the decathlon sprint events</i>				
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)														<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>				
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)																		
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)														<i>USATF Women's Sprint Development (2006)</i>				
FINAL - 2006 USATF National Championships (Indianapolis, IN)																		
date	23-Jun-06	time	2.01	3.08	4.01	4.89	5.79	6.69	7.54	8.48	9.36	10.27	10.27	3 / 4 3				
reaction time		interval		1.07	0.93	0.88	0.90	0.90	0.85	0.94	0.88	0.91		# of strides	4.01	2.68	2.67	
wind	-1.2 m/s	velocity	4.98	9.35	10.75	11.36	11.11	11.11	11.76	10.64	11.36	10.99	9.74	45.0	7.48	11.19	11.24	
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)														<i>USATF Women's Sprint Development (2006)</i>				
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)														<i>Omega Timing (2023) - diamond league race analysis</i>				
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)																		
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	

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Van den Hend, Mulamba (BEL) (1984)															
E FINAL - 2014 Windsprint (Sundsvall, SWE)											<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time	4.22		7.08		8.98		10.95		10.95	6 / 4			
reaction time		interval			2.86		1.90		1.97			# of strides 4.22 2.86			
wind	2.1 m/s	velocity	7.11		10.49		10.53		10.15		9.13	7.11 10.49			
van der Graaf, Cedrych (NED) (1999)															
National - Heat 1 - 2023 FBK Games (Hengelo, NED)											<i>Omega Timing (2023) - continental tour race analysis</i>				
date	04-Jun-23	time	1.96	3.04	4.02	4.96	5.89	6.81	7.73	8.67	9.62	10.60	10.60 1 / 6		
reaction time	0.137	interval	1.08		0.98		0.94		0.93		0.92		0.92 0.94 0.95 0.98		PB
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)															
National - Heat 1 - 2023 FBK Games (Hengelo, NED)											<i>Omega Timing (2023) - continental tour race analysis</i>				
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)															
date	30-Jun-22	time	3.03		4.89		6.69		8.51		10.38		10.38 1 / 6		<i>Omega Timing (2022) - diamond league race analysis</i>
reaction time	0.157	interval			1.86		1.80		1.82		1.87		# of strides 47.0		
wind	-0.5 m/s	velocity	6.60		10.75		11.11		10.99		10.70		9.63		
FINAL - 2022 FBK Games (Hengelo, NED)															
date	06-Jun-22	time	2.9		4.8		6.6		8.4		10.38		10.38 8 / 5		<i>Omega Timing (2022) - continental tour race analysis</i>
reaction time	0.141	interval			1.90		1.80		1.80		1.98		# of strides 47.0		
wind	-0.3 m/s	velocity	6.90		10.53		11.11		11.11		10.10		9.63		
van Luijk, Patrick (NED) (1984)															
C FINAL - 2009 ISTAF (Berlin, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time	3.10		4.10		5.04		6.88		8.72		10.53 10.53 / 2		
reaction time	0.226	interval			1.00		0.94		1.84		1.84		1.81		# of strides 4.10 2.78
wind	1.5 m/s	velocity	6.45		10.00		10.64		10.87		10.87		11.05 9.50 7.32 10.79		
van Raemdonck, Kobe (BEL) (2006)															
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)											<i>Omega Timing (2023) - diamond league race analysis</i>				
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)															
Heat 2 - 2009 Meeting Pas de Calais (Lieviv, FRA)											<i>Vazel (2009) - http://futurancien.files.wordpress.com/2009/02/09-lieviv-m605.pdf</i>				
date	10-Feb-09	time	4.04		5.93		6.88				6.88		8 / 8		
reaction time	0.138	interval			1.89		0.95				8.72		# of strides 4.04 2.84		
		velocity	7.43		10.58		10.53						29.7 7.43 10.56		
Van Wyk, Isaak (RSA) (1989)															
F FINAL - 2013 Windsprint (Sundsvall, SWE)											<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
date	28-Jul-13	time	4.21				7.12		9.02		10.95		10.95 1 / 1		
reaction time		interval					2.91		1.90		1.93		# of strides 4.21 2.91		
wind	3.0 m/s	velocity	7.13				10.31		10.53		10.36		9.13 7.13 10.31		
Vandezande, Rune (BEL) (2007)															
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)											<i>Omega Timing (2023) - diamond league race analysis</i>				
date	08-Sep-23	time	2.03	3.15	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.99	10.99 2 / 1		
reaction time	0.137	interval	1.12		1.01		0.97		0.96		0.95		0.97 0.97 1.00 1.01		PB
wind	-0.4 m/s	velocity	4.93	8.93	9.90	10.31	10.42	10.53	10.31	10.31	10.00	9.90	9.10 7.21 10.42 10.20		
Verherstraeten, Simon (BEL) (1999)															
Invitational - 2024 Memorial van damme (Brussels, BEL)											<i>Omega Timing (2024) - diamond league race analysis</i>				
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		0.91 0.93 0.95		# of strides 3.94 2.70 2.74
wind	0.0 m/s	velocity	5.18	9.43	10.53	10.99	11.24	11.11	11.11	10.99	10.75	10.53	9.68 7.61 11.11 10.95		
Vermont, Dylan (FRA) (1999)															
National FINAL - 2024 London Athletics Meet (London, GBR)											<i>Omega Timing (2024) - diamond league race analysis</i>				
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		0.90 0.90 0.92		# of strides 4.02 2.69 2.68
wind	2.1 m/s	velocity	5.08	9.17	10.42	10.87	11.24	11.36	11.36	11.11	11.11	10.87	9.70 7.46 11.15 11.19		
Vesely, Martin (CZE) (1995)															

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

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	

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

date	28-Jun-14	time	3.17	5.23	7.23	9.30	11.48	11.48	2 / 4
reaction time	0.146	interval		2.06	2.00	2.07	2.18		# of strides
wind	-2.5 m/s	velocity	6.31	9.71	10.00	9.66	9.17	8.71	

Vicaut, Jimmy (FRA) (1992)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2023 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	02-Jul-23	time	1.97	3.10	4.11	5.11	6.13	7.20	8.36	9.67	11.25	13.34	13.34	1 / 8			
reaction time	0.159	interval		1.13	1.01	1.00	1.02	1.07	1.16	1.31	1.58	2.09		# of strides	4.11	3.09	4.05
wind	1.0 m/s	velocity	5.08	8.85	9.90	10.00	9.80	9.35	8.62	7.63	6.33	4.78	7.50		7.30	9.71	7.41

FINAL - 2022 Bauhaus Galan (Stockholm, SWE)

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

*Omega Timing (2022) - diamond league race analysis***FINAL - 2022 Meeting de Paris (Paris, FRA)**

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	

*Omega Timing (2022) - diamond league race analysis***FINAL - 2021 Herculis Meeting International d'Athletisme (Monaco, MON)**

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

*Omega Timing (2021) - diamond league race analysis***FINAL - 2019 Herculis Meeting International d'Athlétisme (Monaco, MON)**

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

*Omega Timing (2019) - diamond league race analysis***FINAL - 2017 IAAF World Championships (London, GBR)**

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

*Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final***FINAL - 2015 Areva Diamond League Meeting (Saint-Denis, FRA)**

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

*Vazel (2015) - <http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/>***FINAL - 2013 European Indoor Championships (Göteborg, SWE)**

date	02-Mar-13	time	2.91	4.74	6.48	6.48	6 / 1	
reaction time	0.153	interval		1.83	1.74		PB	# of strides
		velocity	6.87	10.93	11.49		9.26	29.7

*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx***FINAL - 2011 IAAF World Championships (Daegu, KOR)**

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

*KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011***Vleminckx, Kobe (BEL) (1998)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Invitational - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	14-Sep-24	time	1.93	2.98	3.93	4.85	5.75	6.64	7.55	8.45	9.37	10.29	10.29	6 / 2			
reaction time	0.121	interval		1.05	0.95	0.92	0.90	0.89	0.91	0.90	0.92	0.92		# of strides	3.93	2.71	2.73
wind	0.0 m/s	velocity	5.18	9.52	10.53	10.87	11.11	11.24	10.99	11.11	10.87	10.87	9.72		7.63	11.07	10.99

von Barth, Emil (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
date	20-Jul-14	time		4.07		6.91	8.79	10.76	10.76	4 / 4					
reaction time		interval				2.84	1.88	1.97		# of strides	4.07	2.84			
wind	0.3 m/s	velocity		7.37		10.56	10.64	10.15	9.29		7.37	10.56			

Vondráček, Jan (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<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			
		velocity	4.69	8.70	9.52	9.80	10.31	10.00			8.20	6.93	10.03		

Vostatek, Jakub (CZE) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & 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										
Vojtek, Matouš (CZE) (1998)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																		
date	28-Jun-14	time	3.33			7.76		9.93		12.21	12.21							
reaction time	0.166	interval			2.21	2.22		2.17		2.28								
wind	-3.9 m/s	velocity	6.01	9.05	9.01	9.22		8.77		8.19								
Vojtik, Jiri (CZE) (1981)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																		
date	25-Feb-12	time	1.97	3.11	4.12	5.11	6.04	7.00			7.00							
reaction time	0.113	interval		1.14	1.01	0.99	0.93	0.96					# of strides	4.12	2.88			
		velocity	5.08	8.77	9.90	10.10	10.75	10.42			8.57			7.28	10.42			
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																		
date	25-Feb-12	time	1.98	3.14	4.13	5.06	6.03	7.00			7.00							
reaction time	0.129	interval		1.16	0.99	0.93	0.97	0.97					# of strides	4.13	2.87			
		velocity	5.05	8.62	10.10	10.75	10.31	10.31			8.57			7.26	10.45			
Wada, Ryo (JPN) (2000)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)																		
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					
reaction time	0.153	interval		1.05	0.96	0.91	0.91	0.90	0.90	0.91	0.93	0.93		# of strides	3.92	2.72	2.74	
wind	-0.6 m/s	velocity	5.24	9.52	10.42	10.99	10.99	11.11	11.11	10.99	10.75	10.75	9.70	48.0	7.65	11.03	10.95	
Wahlgren, Milo (SWE) (2002)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
National FINAL - 2023 Bauhaus Galan (Stockholm, SWE)																		
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					
reaction time	0.140	interval		1.09	1.01	0.95	0.95	0.95	0.94	0.95	0.98	0.99		# of strides	4.10	2.85	2.87	
wind	-0.1 m/s	velocity	5.00	9.17	9.90	10.53	10.53	10.53	10.64	10.53	10.20	10.10	9.25		7.32	10.53	10.45	
Wahn, Erik (SWE) (1980)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2007 Windsprint (Sundsvall, SWE)																		
date	24-Jul-07	time			4.18		7.07		9.01		11.02	11.02						
reaction time		interval					2.89		1.94		2.01			# of strides	4.18	2.89		
wind	1.4 m/s	velocity			7.18		10.38		10.31		9.95	9.07			7.18	10.38		
Wall, Fredrik (SWE) (1997)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
F FINAL - 2014 Windsprint (Sundsvall, SWE)																		
date	20-Jul-14	time			4.32		7.29				11.36	11.36						
reaction time		interval					2.97				4.07	PB		# of strides	4.32	2.97		
wind	1.5 m/s	velocity			6.94		10.10				9.83	8.80			6.94	10.10		
Walser, Andreas (GER) (1996) (T12)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)																		
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					
reaction time	0.175	interval		1.18	1.06	1.03	1.01	1.01	1.03	1.03	1.06	1.10		# of strides	4.38	3.05	3.12	
wind	0.0 m/s	velocity	4.67	8.47	9.43	9.71	9.90	9.90	9.71	9.71	9.43	9.09	8.58		46.0	6.85	9.84	9.62
Walter, Keitavious (USA) (1996)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)																		
date	25-Jan-19	time	2.11	3.13	4.06	4.96	5.85	6.61			6.61							
reaction time		interval		1.02	0.93	0.90	0.89	0.76						# of strides	4.06	2.55		
		velocity	4.74	9.80	10.75	11.11	11.24	13.16			9.08				31.0	7.39	11.76	
Waltersson, Jonathan (SWE) (1985)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
E FINAL - 2013 Windsprint (Sundsvall, SWE)																		
date	28-Jul-13	time			4.19		7.05		8.93		10.89	10.89						
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						
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						
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) - www.ssg.se/en/Windsprint/Split-times/			
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) - www.ssg.se/en/Windsprint/Split-times/			
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 Shuang (CHN) (2004)

			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)																	
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

Watanabe, Kougen (JPN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)																	
date	30-Jul-17	time		4.08				6.94			9.80	10.79	10.79	9 / 6			
reaction time	0.176	interval						2.86			2.86	0.99		# of strides	4.08	2.86	2.86
wind	-2.0 m/s	velocity			7.35			10.49			10.49	10.10	9.27		7.35	10.49	10.49

Watson, Jerald (USA) (1985)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)																	
date	22-Jun-03	time	2.00	3.12	4.10	5.04	5.97	6.91	7.81	8.77	9.74	10.72	10.72	1 / 6			
reaction time		interval		1.12	0.98	0.94	0.93	0.94	0.90	0.96	0.97	0.98		# of strides	4.10	2.81	2.83
wind	0.0 m/s	velocity	5.00	8.93	10.20	10.64	10.75	10.64	11.11	10.42	10.31	10.20	9.33		7.32	10.68	10.60

Watson, Rohan (JAM) (2002)

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

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)

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

FINAL - 2024 Xiamen Diamond League (Xiamen, CHN)

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

FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)

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

Waugh, Ainsley (JAM) (1981)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Windsprint (Sundsvall, SWE)																	
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	

FINAL - 2008 Windsprint (Sundsvall, SWE)

date	06-Jul-08	time			4.01			6.79		8.60		10.50	10.50	8 / 3			
reaction time		interval						2.78		1.81		1.90		# of strides	4.01	2.78	
wind	1.6 m/s	velocity			7.48			10.79		11.05		10.53	9.52		45.5	7.48	10.79

Wdowik, Oliwer (POL) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	1.98	3.08	4.09	5.04	5.99	6.94	7.91	8.93	10.09	11.53	11.53	9 / 9			
reaction time	0.175	interval		1.10	1.01	0.95	0.95	0.95	0.97	1.02	1.16	1.44		# of strides	4.09	2.85	3.15
wind	0.0 m/s	velocity	5.05	9.09	9.90	10.53	10.53	10.53	10.31	9.80	8.62	6.94	8.67		7.33	10.53	9.52

Weise, Eberhard (GDR) (1953)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)																	
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	PB	# of strides	3.98	2.78	
wind	1.9 m/s	velocity			7.54			10.79		10.99		10.87	9.60		7.54	10.79	

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Wellington, Andre (JAM) (1986)																	
FINAL - 2008 Windsprint (Sundsvall, SWE)																	
date	06-Jul-08	time				3.97		6.78		8.69	10.61	10.61	5 / 7				
reaction time		interval						2.81		1.91	1.92		# of strides	3.97	2.81		
wind	1.6 m/s	velocity				7.56		10.68		10.47	10.42	9.43	44.5	7.56	10.68		
FINAL - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time				4.00		6.79		8.66	10.59	10.59	/ 3				
reaction time		interval						2.79		1.87	1.93		# of strides	4.00	2.79		
wind	1.4 m/s	velocity				7.50		10.75		10.70	10.36	9.44		7.50	10.75		
Wells, Allan (GBR) (1952)																	
FINAL - 1983 IAAF World Championships (Helsinki, FIN)																	
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		6.60		
wind	-0.3 m/s	velocity				6.85		10.64	11.11	11.11	10.99	11.24	10.70	9.74	47.2	4.55	
Wells, Evander (USA) (1987)																	
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)																	
date	28-Jun-08	time	1.93	2.98	3.95	4.87	5.75	6.64	7.47	8.42	9.32	10.28	10.28	3 / 7			
reaction time		interval		1.05	0.97	0.92	0.88	0.89	0.83	0.95	0.90	0.96		# of strides	3.95	2.69	2.68
wind	1.8 m/s	velocity	5.18	9.52	10.31	10.87	11.36	11.24	12.05	10.53	11.11	10.42	9.73		7.59	11.15	11.19
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)																	
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
Wennolf, Mikael (SWE) (1971)																	
FINAL - 1994 (Tønsberg, NOR)																	
date	20-Jul-94	time				4.00		6.81		8.66	10.55	10.55	/ 2				
reaction time		interval						2.81		1.85	1.89		# of strides	4.00	2.81		
wind	1.8 m/s	velocity				7.50		10.68		10.81	10.58	9.48		7.50	10.68		
Wiberg, Nicklas (SWE) (1985)																	
Decathlon - Heat 5 - 2009 IAAF World Championships (Berlin, GER)																	
date	19-Aug-09	time				3.15		5.11		7.04	8.97	10.96	10.96	1 / 2			
reaction time	0.161	interval						1.93		1.93	1.99	PB		# of strides			
wind	-0.4 m/s	velocity				6.35		10.20		10.36	10.36	10.05	9.12				
Wicki, Silvan (SUI) (1995)																	
FINAL - 2021 Weltklasse (Zürich, SUI)																	
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		
Wieser, Stefan (GER) (1984)																	
C FINAL - 2009 ISTAF (Berlin, GER)																	
date	14-Jun-09	time				3.12		4.10	5.04	6.88	8.78	10.69	10.69	/ 7			
reaction time	0.191	interval						0.98	0.94	1.84	1.90	1.91		# of strides	4.10	2.78	
wind	1.5 m/s	velocity				6.41		10.20	10.64	10.87	10.53	10.47	9.35		7.32	10.79	
FINAL - 2005 European U23 Championships (Erfurt, GER)																	
date	16-Jul-05	time				3.03		4.00	4.92	6.71	8.49	10.32	10.32	2 / 3			
reaction time	0.153	interval						0.97	0.92	1.79	1.78	1.83		# of strides	4.00	2.71	
wind	2.4 m/s	velocity				6.60		10.31	10.87	11.17	11.24	10.93	9.69		7.50	11.07	
Heat 1 - 2005 European U23 Championships (Erfurt, GER)																	
date	14-Jul-05	time				3.05		4.04	4.98	6.71	8.63	10.52	10.52	6 / 3			
reaction time	0.139	interval						0.99	0.94	1.73	1.92	1.89		# of strides	4.04	2.67	
wind	-0.9 m/s	velocity				6.56		10.10	10.64	11.56	10.42	10.58	9.51		7.43	11.24	
Wilks, Terrell (USA) (1989)																	
FINAL - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time				3.99		6.74		8.56	10.49	10.49	2 / 6				
reaction time		interval						2.75		1.82	1.93		# of strides	3.99	2.75		
wind	2.8 m/s	velocity				7.52		10.91		10.99	10.36	9.53		7.52	10.91		
FINAL - 2008 USATF National Junior Championships (Columbus, OH)																	
date	20-Jun-08	time	1.97	3.02	3.98	4.87	5.75	6.60	7.49	8.37	9.28	10.19	10.19	7 / 1			
reaction time		interval		1.05	0.96	0.89	0.88	0.85	0.89	0.88	0.91	0.91	PB	# of strides	3.98	2.62	2.68
wind	1.1 m/s	velocity	5.08	9.52	10.42	11.24	11.36	11.76	11.24	11.36	10.99	10.99	9.81		7.54	11.45	11.19

Williams, Bernard (USA) (1978)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2006 USATF National Championships (Indianapolis, IN)												<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 / 7 6			
reaction time		interval		1.07	0.90	0.92	0.87	0.90	0.90	0.88	0.99	0.93		# of strides	3.97	2.69	2.77
wind	-1.2 m/s	velocity	5.00	9.35	11.11	10.87	11.49	11.11	11.11	11.36	10.10	10.75	9.65	48.0	7.56	11.15	10.83
Semi-Final 1 - 2006 USATF National Championships (Indianapolis, IN)												<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 / 2 2			
reaction time		interval		1.07	1.02	0.85	0.91	0.87	0.90	0.90	0.92	0.94		# of strides	4.04	2.63	2.72
wind	-1.2 m/s	velocity	5.13	9.35	9.80	11.76	10.99	11.49	11.11	11.11	10.87	10.64	9.68	47.0	7.43	11.41	11.03
FINAL - 2004 USA Olympic Trials (Sacramento, CA)												<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
FINAL - 2003 USATF National Championships (Palo Alto, CA)												<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	
FINAL - 2000 ISTAF (Berlin, GER)												<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		
Williams, Desai (CAN) (1959)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1988 Olympic Games (Seoul, KOR)												<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 / 7 6			
reaction time	0.149	interval		1.04	0.94	0.89	0.86	0.86	0.90	0.90	0.91	0.93	PB	# of strides	3.86	2.61	2.71
wind	1.1 m/s	velocity	5.32	9.62	10.64	11.24	11.63	11.63	11.11	11.11	10.99	10.75	9.89	45.7	7.77	11.49	11.07
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)												<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	
FINAL - 1983 IAAF World Championships (Helsinki, FIN)												<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	
Williams, Ivory (USA) (1985)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<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	2.2 m/s	velocity	5.13	9.62	10.75	10.87	12.50	10.99	11.76	10.87	11.49	11.11	9.91	48.0	7.65	11.41	11.36
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												<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	PB	# of strides	3.85	2.59	2.56
wind	1.6 m/s	velocity	5.38	9.90	10.20	11.49	11.49	11.76	11.49	11.90	11.76	10.64	10.06	47.7	7.79	11.58	11.72
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)												<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	=PB	# of strides	3.90	2.64	2.62
wind	1.7 m/s	velocity	5.13	8.93	12.05	11.11	11.24	11.76	11.63	10.99	11.76	10.99	9.93	7.69	11.36	11.45	
Williams, Jeff (USA) (1965)		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)												<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			
Williams, Kendal (USA) (1995)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2019 Athletissima (Lausanne, SUI)												<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			
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)												<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	0.90	0.92		# of strides	3.94	2.68	2.66
wind	1.7 m/s	velocity	5.29	9.26	10.31	10.99	11.24	11.36	11.36	11.36	11.11	10.87	9.80	47.2	7.61	11.19	11.28
Williams, Mustaqeem (USA) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2020 Millrose Games (New York, NY)													<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			
wind		velocity	6.29	10.31	10.87	10.75	11.63				8.75	31.5	7.23	11.07			
Williams, Rubin (USA) (1983)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)													<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
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)													<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
Williams, Teddy (USA) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)													<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
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)													<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
Williams, Trae (AUS) (1997)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2018 Australian Athletics Championships (Gold Coast, AUS)													<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	PB	# of strides	3.83	2.68	2.68
wind	0.4 m/s	velocity	5.38	9.62	10.75	10.87	11.24	11.49	11.24	11.24	11.11	10.99	9.90	52.7	7.83	11.19	11.19
Williamson, Simeon (GBR) (1986)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Quarter-Final 5 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	15-Aug-09	time	3.00	3.95	4.86		6.64		8.40		10.23	10.23	5 / 5				
reaction time	0.156	interval		0.95	0.91		1.78		1.76		1.83		# of strides	3.95	2.69		
wind	0.1 m/s	velocity	6.67	10.53	10.99		11.24		11.36		10.93	9.78		7.59	11.15		
Heat 7 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	15-Aug-09	time	3.04	4.00	4.91		6.71		8.50		10.34	10.34	8 / 2				
reaction time	0.160	interval		0.96	0.91		1.80		1.79		1.84		# of strides	4.00	2.71		
wind	0.4 m/s	velocity	6.58	10.42	10.99		11.11		11.17		10.87	9.67		7.50	11.07		
FINAL - 2009 ISTAF (Berlin, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time	2.95	3.90	4.80		6.55		8.33		10.13	10.13	/ 2				
reaction time	0.187	interval		0.95	0.90		1.75		1.78		1.80		# of strides	3.90	2.65		
wind	1.4 m/s	velocity	6.78	10.53	11.11		11.43		11.24		11.11	9.87		7.69	11.32		
Willie, Kelly (USA) (1982)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)													<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
Wilson, Alex (SUI) (1990)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2019 Weltklasse (Zürich, SUI)													<i>Omega Timing (2019) - diamond league race analysis</i>				
date	29-Aug-19	time	3.1		5.0		6.8		8.6		10.40	10.40	7 / 9				
reaction time	0.121	interval			1.9		1.8		1.8		1.80		# of strides				
wind	-0.4 m/s	velocity	6.45		10.53		11.11		11.11		11.11	9.62	46.2				
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	07-May-16	time				5.83					10.35	10.35	/ 1				
reaction time		interval									4.52		# of strides				
wind	0.9 m/s	velocity				8.58					11.06	9.66					
Wims, Scott (USA) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		

FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														<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
Wims, Jerod (USA) (1986)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)														<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
Winger, Alexander (SWE) (1989)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>			
date	28-Jul-13	time			4.20			7.08		9.00		10.95	10.95	7 / 5			
reaction time		interval						2.88		1.92		1.95		# of strides	4.20	2.88	
wind	2.8 m/s	velocity			7.14			10.42		10.42		10.26	9.13		7.14	10.42	
Wissman, Johan (SWE) (1982)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
E FINAL - 2007 Windsprint (Sundsvall, SWE)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	24-Jul-07	time			4.13			6.88		8.66		10.51	10.51	/ 1			
reaction time		interval						2.75		1.78		1.85		# of strides	4.13	2.75	
wind	0.4 m/s	velocity			7.26			10.91		11.24		10.81	9.51		7.26	10.91	
Wobeto, Philipp (GER) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Junior Championships (Ulm, GER)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	06-Aug-10	time		3.15	4.14	5.08		7.06		8.97		10.95	10.95	/ 7			
reaction time		interval			0.99	0.94		1.98		1.91		1.98		# of strides	4.14	2.92	
wind	0.5 m/s	velocity		6.35	10.10	10.64		10.10		10.47		10.10	9.13		7.25	10.27	
Semi-Final 2 - 2010 German National Junior Championships (Ulm, GER)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	06-Aug-10	time		3.17	4.17	5.12		7.00		8.90		10.89	10.89	/ 2			
reaction time		interval			1.00	0.95		1.88		1.90		1.99		# of strides	4.17	2.83	
wind	-0.4 m/s	velocity		6.31	10.00	10.53		10.64		10.53		10.05	9.18		7.19	10.60	
Wocalewski, Jan (SWE) (1993)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2011 Windsprint (Sundsvall, SWE)														<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	31-Jul-11	time			4.12			6.97		8.87		10.83	10.83	5 / 6			
reaction time		interval						2.85		1.90		1.96		# of strides	4.12	2.85	
wind	2.8 m/s	velocity			7.28			10.53		10.53		10.20	9.23		7.28	10.53	
C FINAL - 2010 Windsprint (Sundsvall, SWE)														<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>			
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	
Woods, John (USA) (1982)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2006 USATF National Championships (Indianapolis, IN)														<i>USATF Women's Sprint Development (2006)</i>			
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
Worsley, Dominique (USA) (1987)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														<i>USATF Women's Sprint Development (2006)</i>			
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
Wu Zhiqiang (CHN) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 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	1.93	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
FINAL - 2019 Asian Athletics Championships (Doha, QAT)														<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	PB	# of strides	3.88	2.70	2.68
wind	1.5 m/s	velocity	5.35	9.52	10.42	10.99	11.11	11.24	11.36	11.11	11.11	10.87	9.82		47.7	7.73	11.11
FINAL - 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	1.93	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

Wulff, Jonathan (SWE) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2016 Windsprint (Sundsvall, SWE)																	
<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	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)																	
<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 FINAL - 2012 Windsprint (Sundsvall, SWE)																	
<i>(2012) - www.elitlandslag.se/SprintHäck/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	
D FINAL - 2011 Windsprint (Sundsvall, SWE)																	
<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)																	
<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																	
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	
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)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
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		7.63	11.36	11.24
FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)																	
<i>Omega Timing (2023) - diamond league race analysis</i>																	
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
Semi-Final 2 - 2019 IAAF World Championships (Doha, QAT)																	
<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>																	
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
FINAL - 2019 Weltklasse (Zürich, SUI)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
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)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	18-Aug-19	time		3.1		4.9		6.6		8.4		10.17	10.17	9 / 8			
reaction time	0.153	interval				1.8		1.7		1.8		1.77		# of strides			
wind	2.0 m/s	velocity		6.45		11.11		11.76		11.11		11.30	9.83		47.5		
Heat 2 - 2019 Müller Grand Prix (Birmingham, GBR)																	
<i>Omega Timing (2019) - diamond league race analysis</i>																	
date	18-Aug-19	time		3.0		4.9		6.6		8.4		10.19	10.19	5 / 3			
reaction time	0.160	interval				1.9		1.7		1.8		1.79		# of strides			
wind	-0.3 m/s	velocity		6.67		10.53		11.76		11.11		11.17	9.81				
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)																	
<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
FINAL - 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	PB	# of strides	3.81	2.66	2.63
wind	0.3 m/s	velocity	5.38	9.62	10.99	10.99	11.24	11.63	11.63	11.36	11.24	10.64	9.96		46.0	7.87	11.28
Heat 2 - 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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Xing Yanan (CHN) (1983)																	
B FINAL - 2008 Osaka Grand Prix (Osaka, JPN)		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 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
Xu Haiyang (CHN) (1992)																	
FINAL - 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		interval		1.12	0.95	0.93	0.89	0.86	0.89	0.89	0.91	0.95		# of strides	3.96	2.68	2.69
wind	0.3 m/s	velocity	5.29	8.93	10.53	10.75	11.24	11.63	11.24	11.24	10.99	10.53	9.73	48.2	7.58	11.19	11.15
Xu Zhouzheng (CHN) (1995)																	
FINAL - 2020 New Balance Indoor Grand Prix (Boston, MA)		<i>PrimeTime Timing (2020) - https://results.nbindoorgandprix.com/</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	
FINAL - 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
FINAL - 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		interval		1.06	0.93	0.94	0.90	0.86	0.90	0.90	0.92	0.96		# of strides	3.93	2.70	2.72
wind	0.3 m/s	velocity	5.15	9.43	10.75	10.64	11.11	11.63	11.11	11.11	10.87	10.42	9.70	46.4	7.63	11.11	11.03
Xuan Dajun (CHN) (1998)																	
FINAL - 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	PB	# of strides	3.92	2.72	2.72
wind	0.1 m/s	velocity	5.29	9.35	10.42	10.87	11.11	11.11	11.11	10.99	10.99	10.75	9.72	48.5	7.65	11.03	11.03
Yamagata, Ryota (JPN) (1992)																	
FINAL - 2021 Fuse Sprint (Tottori, JPN)		<i>Miyashiro (2021) - https://twitter.com/miyashiro_kerji/status/1405866149754019845?s=21</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		interval		1.05	0.94	0.89	0.87	0.86	0.86	0.87	0.88	0.90	NR PB	# of strides	3.82	2.62	2.61
wind	2.0 m/s	velocity	5.46	9.52	10.64	11.24	11.49	11.63	11.63	11.49	11.36	11.11	10.05	46.7	7.85	11.45	11.49
Heat 1 - 2020 Seiko Golden Grand Prix (Tokyo, JPN)		<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		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)		<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>															
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		interval		1.06	0.94	0.90	0.88	0.87	0.87	0.89	0.90	0.92		# of strides	3.88	2.65	2.66
wind	1.7 m/s	velocity	5.32	9.43	10.64	11.11	11.36	11.49	11.49	11.24	11.11	10.87	9.89	48.1	7.73	11.32	11.28
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)		<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>															
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		interval		1.06	0.94	0.90	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.83	2.63	2.63
wind	0.0 m/s	velocity	5.46	9.43	10.64	11.11	11.49	11.63	11.49	11.49	11.24	10.87	9.99	48.2	7.83	11.41	11.41
FINAL - 2018 Asian Games (Jakarta, INA)		<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>															
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		interval		1.05	0.94	0.90	0.87	0.86	0.87	0.88	0.89	0.91	=PB	# of strides	3.82	2.63	2.64
wind	0.8 m/s	velocity	5.46	9.52	10.64	11.11	11.49	11.63	11.49	11.36	11.24	10.99	10.00	48.0	7.85	11.41	11.36
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)		<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>															
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		interval		1.04	0.95	0.89	0.88	0.87	0.87	0.88	0.90	0.92		# of strides	3.84	2.64	2.65
wind	0.6 m/s	velocity	5.41	9.62	10.53	11.24	11.36	11.49	11.49	11.36	11.11	10.87	9.95	48.6	7.81	11.36	11.32
FINAL - 2018 Fuse Sprint (Tottori, JPN)		<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>															
date	03-Jun-18	time	1.84	2.90	3.86	4.76	5.65	6.52	7.40	8.28	9.19	10.12	10.12	/ 1			
reaction time		interval		1.06	0.96	0.90	0.89	0.87	0.88	0.88	0.91	0.93		# of strides	3.86	2.66	2.67
wind	-0.7 m/s	velocity	5.43	9.43	10.42	11.11	11.24	11.49	11.36	11.36	10.99	10.75	9.88	49.0	7.77	11.28	11.24
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)		<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>															

date	20-May-18	time	1.87	2.91	3.86	4.76	5.64	6.52	7.40	8.30	9.20	10.13	10.13	5 / 2			
reaction time	0.142	interval		1.04	0.95	0.90	0.88	0.88	0.88	0.90	0.90	0.93		# of strides	3.86	2.66	2.68
wind	-0.7 m/s	velocity	5.35	9.62	10.53	11.11	11.36	11.36	11.36	11.11	11.11	10.75	9.87	48.8	7.77	11.28	11.19
A FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>			
date	29-Apr-18	time	1.87	2.93	3.88	4.79	5.67	6.55	7.44	8.33	9.24	10.17	10.17	6 / 1			
reaction time		interval		1.06	0.95	0.91	0.88	0.88	0.89	0.89	0.91	0.93		# of strides	3.88	2.67	2.69
wind	1.3 m/s	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.24	11.24	10.99	10.75	9.83	48.8	7.73	11.24	11.15
Heat 6 - 2017 Japanese National Championships (Osaka, JPN)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>			
date	23-Jun-17	time	1.86	2.92	3.88	4.80	5.69	6.58	7.47	8.37	9.29	10.24	10.24	/ 1			
reaction time	0.123	interval		1.06	0.96	0.92	0.89	0.89	0.89	0.90	0.92	0.95		# of strides	3.88	2.70	2.71
wind	0.0 m/s	velocity	5.38	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.53	9.77	48.9	7.73	11.11	11.07
FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS)														<i>(2017) - tfdata-store.com/2017/03/12/post-46/</i>			
date	11-Mar-17	time						6.54				10.08	10.08	/ 1			
reaction time		interval										3.54		# of strides			
wind	-0.1 m/s	velocity						9.17				11.30	9.92	48.2			
C FINAL - 2017 SummerOfAths Grand Prix (Canberra, AUS)														<i>(2017) - tfdata-store.com/2017/03/12/post-46/</i>			
date	11-Mar-17	time						6.52				10.06	10.06	/ 1			
reaction time		interval										3.54		# of strides			
wind	1.3 m/s	velocity						9.20				11.30	9.94	48.0			
FINAL - 2016 Japanese National Championships (Nagoya, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
date	25-Jun-16	time	1.86	2.92	3.86	4.76	5.65	6.54	7.43	8.33	9.25	10.17	10.17	4 / 2			
reaction time	0.139	interval		1.06	0.94	0.90	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.86	2.68	2.71
wind	-0.3 m/s	velocity	5.38	9.43	10.64	11.11	11.24	11.24	11.24	11.11	10.87	10.87	9.83	49.0	7.77	11.19	11.07
Semi-Final 2 - 2016 Japanese National Championships (Nagoya, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
date	25-Jun-16	time	1.86	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.26	10.26	5 / 1			
reaction time	0.139	interval		1.07	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.93		# of strides	3.88	2.71	2.74
wind	-1.4 m/s	velocity	5.38	9.35	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.75	9.75	49.6	7.73	11.07	10.95
FINAL - 2016 Fuse Sprint (Tottori, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
date	05-Jun-16	time	1.85	2.90	3.83	4.73	5.61	6.49	7.37	8.25	9.15	10.06	10.06	/ 1			
reaction time		interval		1.05	0.93	0.90	0.88	0.88	0.88	0.88	0.90	0.91	PB	# of strides	3.83	2.66	2.66
wind	-0.5 m/s	velocity	5.41	9.52	10.75	11.11	11.36	11.36	11.36	11.36	11.11	10.99	9.94	48.4	7.83	11.28	11.28
Heat 1 - 2016 Fuse Sprint (Tottori, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
date	05-Jun-16	time	1.88	2.94	3.88	4.81	5.71	6.60	7.50	8.40	9.31	10.23	10.23	/ 2			
reaction time		interval		1.06	0.94	0.93	0.90	0.89	0.90	0.90	0.91	0.92		# of strides	3.88	2.72	2.71
wind	-0.6 m/s	velocity	5.32	9.43	10.64	10.75	11.11	11.24	11.11	11.11	10.99	10.87	9.78	49.2	7.73	11.03	11.07
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
date	08-May-16	time	1.86	2.94	3.89	4.79	5.68	6.56	7.45	8.36	9.27	10.21	10.21	6 / 2			
reaction time		interval		1.08	0.95	0.90	0.89	0.88	0.89	0.91	0.91	0.94		# of strides	3.89	2.67	2.71
wind	-0.4 m/s	velocity	5.38	9.26	10.53	11.11	11.24	11.36	11.24	10.99	10.99	10.64	9.79	49.1	7.71	11.24	11.07
FINAL - 2016 Mikio Oda Memorial (Hiroshima, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & 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
Semi-Final 2 - 2014 Japanese National Championships (Fukushima, JPN)														<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
FINAL - 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	4.80	5.69	6.57	7.47	8.39	9.31	10.26	10.26	1 / 4			
reaction time		interval		1.05	0.94	0.90	0.89	0.88	0.90	0.92	0.92	0.95		# of strides	3.90	2.67	2.74
wind	0.7 m/s	velocity	5.24	9.52	10.64	11.11	11.24	11.36	11.11	10.87	10.87	10.53	9.75	47.6	7.69	11.24	10.95
Heat 2 - 2014 Mikio Oda Memorial (Hiroshima, JPN)														<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
FINAL - 2013 Mikio Oda Memorial (Hiroshima, JPN)														<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	
FINAL - 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	1.86	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					
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			2.90	10.34		
Yamaji, Kotaro (JPN) (2000)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)			<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	
Yamamoto, Mirai (JPN)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)			<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	
Yamashita, Jun (JPN) (1997)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)			<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	0.128	interval	1.07	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95			# of strides	3.96	2.72	2.74	
wind	1.2 m/s	velocity	5.21	9.35	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.53	9.64	47.5	7.58	11.03	10.95	
FINAL - 2015 Japanese High School Championships (Wakayama, JPN)			<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			# of strides	4.05	2.81	2.79	
reaction time		interval	0.94	0.97	0.90	0.92	0.92	0.95	0.98			# of strides	4.05	2.81	2.79			
wind	-0.8 m/s	velocity	7.41	10.64	10.31	11.11	10.87	10.87	10.53	10.20	9.41			7.41	10.68	10.75		
Yan Haibin (CHN) (2003)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)			<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	
Yanagita, Hiroki (JPN) (2003)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2024 Prefontaine Classic (Eugene, OR)			<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	
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)			<i>Shibayama (2021) - national high school and U20 national championships</i>															
date	29-Jul-21	time	1.91	2.98	3.94	4.86	5.76	6.65	7.55	8.45	9.37	10.31	10.31	6 / 1				
reaction time	0.139	interval	1.07	0.96	0.92	0.90	0.89	0.90	0.90	0.92	0.94			# of strides	3.94	2.71	2.72	
wind	1.8 m/s	velocity	5.24	9.35	10.42	10.87	11.11	11.24	11.11	11.11	10.87	10.64	9.70			7.61	11.07	11.03
FINAL - 2020 Japanese National Championships (Niigata, JPN)			<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	
Heat 3 - 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	2.95	3.91	4.83	5.73	6.63	7.52	8.42	9.33	10.25	10.27	3 / 4				
reaction time	0.157	interval	1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	PB			# of strides	3.91	2.72	2.70
wind	0.7 m/s	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.74	46.9	7.67	11.03	11.11	
Yang Chun-Han (TPE) (1997)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2019 Asian Athletics Championships (Doha, QAT)			<i>Hayato (2019) - race analysis of men's 100m at major comeptions 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	
FINAL - 2018 Asian Games (Jakarta, INA)			<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	
Yano, Shogo (JPN) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2007 Japanese National High School Championships (Saga, JPN)			<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			# of strides	4.02	2.83	2.84
reaction time		interval	0.98	0.95	0.94	0.94	0.94	0.93	0.95	0.96	1.01			# of strides	4.02	2.83	2.84	

wind	0.7 m/s	velocity	6.58	10.20	10.53	10.64	10.64	10.75	10.53	10.42	9.90	9.35			7.46	10.60	10.56
Yaseen, Taha Hussein (IRQ) (1998)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 7 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc 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
Prelim 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc 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
Yepishin, Andrey (RUS) (1981)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 1 - 2009 Meeting Pas de Calais (Lieviv, FRA)												<i>Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lieviv-m605.pdf</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		
Yoshida, Kohei (JPN) (1989)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2007 Japanese National High School Championships (Saga, JPN)												<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	3 / 6				
reaction time		interval		1.03	0.92	0.94	0.94	0.94	0.96	0.97	1.03		# of strides	4.08	2.80	2.87	
wind	0.7 m/s	velocity	6.56	9.71	10.87	10.64	10.64	10.64	10.42	10.31	9.71	9.28		7.35	10.71	10.45	
Young, Isiah (USA) (1990)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2022 Golden Gala Pietro Mennea (Rome, ITA)												<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					
FINAL - 2021 Prefontaine Classic (Eugene, OR)												<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								
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	6.7	8.4	10.21	10.21	1 / 7							
reaction time	0.168	interval			1.90	1.80	1.70	1.81		# of strides							
wind	0.4 m/s	velocity	6.67	10.53	11.11	11.76	11.05	9.79	48.0								
FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<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								
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)												<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
Youssef, Mahamat Goubaye (CHA) (1987)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2021 Doha Diamond League (Doha, QAT)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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	11.36	9.75	44.0							
Zail, Emil (SWE) (1987)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
B FINAL - 2011 Windsprint (Sundsvall, SWE)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	31-Jul-11	time	4.08			6.88	8.74	10.67	10.67	2 / 4							
reaction time		interval				2.80	1.86	1.93	PB	# of strides	4.08	2.80					
wind	2.0 m/s	velocity	7.35	10.71	10.71	10.75	10.36	9.37	7.35	10.71							
B FINAL - 2010 Windsprint (Sundsvall, SWE)												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time	4.08			6.92	8.80	10.77	10.77	/ 3							
reaction time		interval				2.84	1.88	1.97		# of strides	4.08	2.84					
wind	1.8 m/s	velocity	7.35	10.56	10.64	10.15	9.29	7.35	10.56								
B FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	25-Jul-09	time	4.05			6.87	8.75	10.71	10.71	/ 2							
reaction time		interval				2.82	1.88	1.96		# of strides	4.05	2.82					
wind	1.1 m/s	velocity	7.41	10.64	10.64	10.20	9.34	7.41	10.64								

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zakari, Abdul Aziz (GHA) (1976)																	
Heat 10 - 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	4.92		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	1.98		# of strides	3.99	2.78	
wind	-0.3 m/s	velocity	6.62	10.31	10.75		10.81		10.99		10.10	9.46			7.52	10.79	
FINAL - 2001 ISTAF (Berlin, GER)			<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
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	1.80		# of strides	3.87	2.63	
wind	0.6 m/s	velocity	6.83	10.64	11.24		11.49		11.43		11.11	9.95			7.75	11.41	
Zálesky, Dominik (CZE) (1995)																	
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)			<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
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)			<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time		3.15		5.21		7.24		9.30		11.36	11.36	2 / 4			
reaction time	0.154	interval				2.06		2.03		2.06		2.06		# of strides			
wind	-1.7 m/s	velocity		6.35		9.71		9.85		9.71		9.71	8.80				
Zamzoun Al-Absi, Saeed Othman (QAT)																	
FINAL - 2021 Doha Diamond League (Doha, QAT)			<i>Omega Timing (2021) - diamond league race analysis</i>														
date	28-May-21	time		3.1		5.1		6.9		8.8		10.60	10.60	1 / 7			
reaction time	0.111	interval				2.00		1.80		1.90		1.80	PB	# of strides			
wind	0.9 m/s	velocity		6.45		10.00		11.11		10.53		11.11	9.43		46.5		
Zetterberg, Johan (SWE) (1984)																	
D FINAL - 2010 Windsprint (Sundsvall, SWE)			<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	08-Aug-10	time				4.12		7.04		9.00		11.03	11.03	/ 1			
reaction time		interval						2.92		1.96		2.03		# of strides	4.12	2.92	
wind	2.8 m/s	velocity				7.28		10.27		10.20		9.85	9.07		7.28	10.27	
C FINAL - 2009 Windsprint (Sundsvall, SWE)			<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	25-Jul-09	time				4.20		7.15		9.14		11.26	11.26	/ 4			
reaction time		interval						2.95		1.99		2.12		# of strides	4.20	2.95	
wind	3.0 m/s	velocity				7.14		10.17		10.05		9.43	8.88		7.14	10.17	
E FINAL - 2007 Windsprint (Sundsvall, SWE)			<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>														
date	24-Jul-07	time				4.30		7.30		9.34		11.47	11.47	/ 1			
reaction time		interval						3.00		2.04		2.13		# of strides	4.30	3.00	
wind	0.2 m/s	velocity				6.98		10.00		9.80		9.39	8.72		6.98	10.00	
Zhang Haijian (CHN) (2002)																	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)			<i>Omega Timing (2023) - diamond league race analysis</i>														
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
Zhang Peiming (CHN) (1987)																	
FINAL - 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	1.90	3.00	3.95	4.89	5.82	6.72	7.60	8.49	9.40	10.34	10.34	9 / 6			
reaction time	0.15	interval		1.10	0.95	0.94	0.93	0.90	0.88	0.89	0.91	0.94		# of strides	3.95	2.77	2.68
wind	0.3 m/s	velocity	5.26	9.09	10.53	10.64	10.75	11.11	11.36	11.24	10.99	10.64	9.67		47.5	7.59	10.83
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)			<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>														
date	10-May-15	time	1.93	2.99	3.93	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	7 / 5			
reaction time		interval		1.06	0.94	0.91	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.93	2.69	2.69
wind	-0.1 m/s	velocity	5.18	9.43	10.64	10.99	11.24	11.24	11.36	11.11	10.99	10.75	9.77		46.7	7.63	11.15
Zich, Václav (CZE) (1990)																	
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)			<i>Feher (2013) - Final report from the men's & 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
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)			<i>Feher (2013) - Final report from the men's & 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				

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

date	25-Feb-12	time	1.92	3.02	4.00	4.93	5.85	6.78											
reaction time	0.110	interval		1.10	0.98	0.93	0.92	0.93											
		velocity	5.21	9.09	10.20	10.75	10.87	10.75											

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

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

date	25-Feb-12	time	1.95	3.07	4.08	4.99	5.90	6.84											
reaction time	0.126	interval		1.12	1.01	0.91	0.91	0.94											
		velocity	5.13	8.93	9.90	10.99	10.99	10.64											

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

Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)

date	25-Feb-12	time	1.97	3.09	4.08	5.02	5.99	6.97											
reaction time	0.133	interval		1.12	0.99	0.94	0.97	0.98											
		velocity	5.08	8.93	10.10	10.64	10.31	10.20											

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

Žilka, Libor (CZE) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)																	
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					8.92	# of strides	3.95	2.78	
		velocity	5.32	9.09	10.31	10.53	11.11	10.75							7.59	10.79	

*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	1.91	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					8.85	# of strides	3.97	2.81	
		velocity	5.24	9.01	10.53	10.64	10.75	10.64							7.56	10.68	

*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	1.91	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					8.78	# of strides	4.00	2.83	
		velocity	5.24	8.93	10.31	10.53	10.75	10.53							7.50	10.60	

*Feher (2012) - Czech Republic indoor national championships - men's 60m***Zirignon, Jean Christian (SWE) (1995)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)																	
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	

*(2017) - www.windsprint/Splittider/***C FINAL - 2015 Windsprint (Sundsvall, SWE)**

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	

*(2015) - www.windsprint/Splittider/***C FINAL - 2014 Windsprint (Sundsvall, SWE)**

date	20-Jul-14	time			4.09			6.95		8.87		10.85	10.85	7 / 5			
reaction time		interval						2.86		1.92		1.98	PB	# of strides	4.09	2.86	
wind	0.3 m/s	velocity			7.33			10.49		10.42		10.10	9.22		7.33	10.49	

*(2014) - www.ssg.se/windsprint/Splittider/***B FINAL - 2013 Windsprint (Sundsvall, SWE)**

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	

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

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	

*(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx***Zohri, Lulu 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)																	
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		7.59	11.24	10.95

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

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		7.59	11.07	10.91

*Paris 2024 Olympic Games - Results Book (2024)***FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)**

date	19-May-19	time	1.90	2.94	3.87	4.77	5.64	6.50	7.36	8.24	9.12	10.03	10.03	9 / 3			
reaction time	0.179	interval		1.04	0.93	0.90	0.87	0.86	0.86	0.88	0.88	0.91	NR AJR PB	# of strides	3.87	2.63	2.62

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

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)

date 26-Aug-18 time 1.90 2.95 3.90 4.80 5.68 6.55 7.43 8.33 9.25 10.20 10.20 7 / 5
 reaction time 0.145 interval 1.05 0.95 0.90 0.88 0.87 0.88 0.90 0.92 0.95 **PB** # of strides 3.90 2.65 2.70
 wind 0.8 m/s velocity 5.26 9.52 10.53 11.11 11.36 11.49 11.36 11.11 10.87 10.53 9.80 44.8 7.69 11.32 11.11

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

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