

Women's 100m Split Times - by athlete

LAST UPDATE: 25-Sep-24

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Abe, Hidemi (JPN) (1990)																	
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	3.28	4.38	5.45	6.52	7.59	8.67	9.76	10.85	12.01	12.01	4 / 5				
reaction time		interval		1.10	1.07	1.07	1.07	1.08	1.09	1.09	1.16	# of strides	4.38	3.21	3.26		
wind	1.3 m/s	velocity	6.10	9.09	9.35	9.35	9.35	9.26	9.17	9.17	8.62	8.33	6.85	9.35	9.20		
Abinusawa, Moforehan (USA) (2003)																	
U20 FINAL - 2020 Millrose Games (New York, NY) <i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>																	
date	08-Feb-20	time	2.24	3.33	4.38	5.39	6.41	7.43				7.43	4 / 2				
reaction time		interval		1.09	1.05	1.01	1.02	3.05				# of strides	4.38	3.05			
		velocity	4.46	9.17	9.52	9.90	9.80	9.84				8.08	6.85	9.84			
Acquaviva, Safiatou (GUI) (1999)																	
Heat 4 - 2024 Olympic Games (Paris, FRA) <i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.16	3.37	4.50	5.55	6.59	7.65	8.72	9.81	10.92	12.07	12.07	7 / 9			
reaction time	0.180	interval		1.21	1.13	1.05	1.04	1.06	1.07	1.09	1.11	1.15	# of strides	4.50	3.15	3.27	
wind	1.2 m/s	velocity	4.63	8.26	8.85	9.52	9.62	9.43	9.35	9.17	9.01	8.70	8.29	49.0	6.67	9.52	9.17
Prelim 3 - 2024 Olympic Games (Paris, FRA) <i>Paris 2024 Olympc Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.16	3.34	4.44	5.49	6.52	7.57	8.63	9.72	10.84	11.97	11.97	7 / 5			
reaction time	0.193	interval		1.18	1.10	1.05	1.03	1.05	1.06	1.09	1.12	1.13	# of strides	4.44	3.13	3.27	
wind	1.1 m/s	velocity	4.63	8.47	9.09	9.52	9.71	9.52	9.43	9.17	8.93	8.85	8.35	49.7	6.76	9.58	9.17
Adachi, Marin (JPN) (2003)																	
FINAL - 2020 Japanese National Championships (Niigata, JPN) <i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>																	
date	02-Oct-20	time	2.01	3.19	4.28	5.33	6.38	7.43	8.49	9.57	10.67	11.80	11.80	7 / 6			
reaction time	0.112	interval		1.18	1.09	1.05	1.05	1.05	1.06	1.08	1.10	1.13	# of strides	4.28	3.15	3.24	
wind	0.5 m/s	velocity	4.98	8.47	9.17	9.52	9.52	9.52	9.43	9.26	9.09	8.85	8.47	7.01	9.52	9.26	
FINAL - 2020 World Athletics Trials (Fuji, JPN) <i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>																	
date	06-Sep-20	time	2.06	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.72	11.84	11.84	1 / 3			
reaction time		interval		1.20	1.09	1.05	1.05	1.04	1.06	1.07	1.10	1.12	# of strides	4.35	3.14	3.23	
wind	1.4 m/s	velocity	4.85	8.33	9.17	9.52	9.52	9.62	9.43	9.35	9.09	8.93	8.45	6.90	9.55	9.29	
Adachi, Sayaka (JPN) (1996)																	
FINAL - 2018 National Sports Festival (Fukui, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																	
date	06-Oct-18	time	2.15	3.45	4.63	5.76	6.88	7.98	9.08	10.20	11.32	12.46	12.46	1 / 8			
reaction time	0.148	interval		1.30	1.18	1.13	1.12	1.10	1.10	1.12	1.12	1.14	# of strides	4.63	3.35	3.34	
wind	-2.8 m/s	velocity	4.65	7.69	8.47	8.85	8.93	9.09	9.09	8.93	8.93	8.77	8.03	56.0	6.48	8.96	8.98
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	2.15	3.36	4.48	5.57	6.64	7.72	8.81	9.90	11.01	12.19	12.19	1 / 4			
reaction time		interval		1.21	1.12	1.09	1.07	1.08	1.09	1.09	1.11	1.18	# of strides	4.48	3.24	3.29	
wind	-2.4 m/s	velocity	4.65	8.26	8.93	9.17	9.35	9.26	9.17	9.17	9.01	8.47	8.20	6.70	9.26	9.12	
Adachi, Yuha (JPN) (2002)																	
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		4.41		6.59					12.15	12.15	3 / 7				
reaction time	0.162	interval				2.18					5.56		# of strides	4.41			
wind	-1.5 m/s	velocity		6.80		3.03					8.99	8.23	54.0	6.80			
Adamek, Klaudia (POL) (1999)																	
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI) <i>Omega Timing (2021) - diamond league race analysis</i>																	
date	26-Aug-21	time		3.3		5.4		7.4		9.5		11.53	11.53	2 / 8			
reaction time	0.137	interval				2.10		2.00		2.10		2.03	# of strides				
wind	2.7 m/s	velocity		6.06		9.52		10.00		9.52		9.85	8.67				
Adlerová, Kristyna (CZE) (1996)																	
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		3.70		6.15		8.53		10.96		13.48	13.48	7 / 6			
reaction time	0.368	interval				2.45		2.38		2.43		2.52	# of strides				
wind	-3.0 m/s	velocity		5.41		8.16		8.40		8.23		7.94	7.42				
Adriansson, Hanna (SWE) (1992)																	
A FINAL - 2014 Windsprint (Sundsvall, SWE) <i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
date	20-Jul-14	time		4.43		7.59		9.73		11.92		11.92	7 / 5				
reaction time		interval				3.16		2.14		2.19			# of strides	4.43	3.16		
wind	1.2 m/s	velocity		6.77		9.49		9.35		9.13		8.39	6.77	9.49			

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

date	28-Jul-13	time	4.42	7.54	9.68	11.91	11.91	8 / 8	# of strides	4.42	3.12
reaction time		interval		3.12	2.14	2.23					
wind	2.2 m/s	velocity	6.79	9.62	9.35	8.97	8.40			6.79	9.62

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

date	08-Aug-10	time	4.47	7.64	9.78	12.02	12.02	/ 3	# of strides	4.47	3.17
reaction time		interval		3.17	2.14	2.24					
wind	2.2 m/s	velocity	6.71	9.46	9.35	8.93	8.32			6.71	9.46

Ågren, Tove (SWE) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****D FINAL - 2013 Windsprint (Sundsvall, SWE)**(2013) - www.ssg.se/windsprint/Splittider/

date	28-Jul-13	time	4.52	7.77	9.97	12.22	12.22	5 / 2	# of strides	4.52	3.25
reaction time		interval		3.25	2.20	2.25					
wind	2.7 m/s	velocity	6.64	9.23	9.09	8.89	8.18			6.64	9.23

Agyapong, Finette (GBR) (1997)**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	2.07	3.24	4.29	5.30	6.30	7.29	8.30	9.32	10.35	11.42	11.42	7 / 6	# of strides	4.29	3.00	3.06
reaction time	0.142	interval		1.17	1.05	1.01	1.00	0.99	1.01	1.02	1.03	1.07						
wind	1.1 m/s	velocity	4.83	8.55	9.52	9.90	10.00	10.10	9.90	9.80	9.71	9.35	8.76			6.99	10.00	9.80

Ahamdy, Salam Bouha (MTN) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Prelim 1 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic Games - *Results Book (2024)*

date	02-Aug-24	time	2.01	3.30	4.51	5.71	6.92	8.15	9.42	10.72	12.06	13.71	13.71	7 / 8	# of strides	4.51	3.64	3.91
reaction time	0.178	interval		1.29	1.21	1.20	1.21	1.23	1.27	1.30	1.34	1.65	PB					
wind	0.0 m/s	velocity	4.98	7.75	8.26	8.33	8.26	8.13	7.87	7.69	7.46	6.06	7.29			6.65	8.24	7.67

Ahouré-Demps, Murielle (CIV) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2023 Athletissima (Lausanne, SU)**Omega Timing (2023) - *diamond league race analysis*

date	30-Jun-23	time	2.02	3.17	4.21	5.21	6.21	7.20	8.20	9.20	10.22	11.27	11.27	1 / 7	# of strides	4.21	2.99	3.02
reaction time	0.145	interval		1.15	1.04	1.00	1.00	0.99	1.00	1.00	1.02	1.05						
wind	-0.8 m/s	velocity	4.95	8.70	9.62	10.00	10.00	10.10	10.00	10.00	9.80	9.52	8.87			7.13	10.03	9.93

Ahouré, Murielle (CIV) (1987)**FINAL - 2017 IAAF World Championships (London, GBR)**Bissas (2018) - *biomechanical report for the IAAF World Championships - London 2017- Women's 100m*

date	06-Aug-17	time	2.01	3.15	4.18	5.14	6.10	7.07	8.00	8.97	9.96	10.98	10.98	8 / 4	# of strides	4.18	2.89	2.89
reaction time	0.184	interval		1.14	1.03	0.96	0.96	0.97	0.93	0.97	0.99	1.02						
wind	-0.1 m/s	velocity	4.98	8.77	9.71	10.42	10.42	10.31	10.75	10.31	10.10	9.80	9.11			52.4	7.18	10.38

Ahye, Michelle-Lee (TTO) (1992)**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	02-Aug-24	time	2.10	3.27	4.30	5.32	6.29	7.28	8.27	9.28	10.30	11.33	11.33	4 / 4	# of strides	4.30	2.98	3.02
reaction time	0.164	interval		1.17	1.03	1.02	0.97	0.99	0.99	1.01	1.02	1.03						
wind	-0.8 m/s	velocity	4.76	8.55	9.71	9.80	10.31	10.10	10.10	9.90	9.80	9.71	8.83			51.0	6.98	10.07

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

date	04-Jun-23	time	2.01	3.17	4.23	5.23	6.23	7.22	8.22	9.23	10.27	11.35	11.35	7 / 8	# of strides	4.23	2.99	3.05
reaction time		interval		1.16	1.06	1.00	1.00	0.99	1.00	1.01	1.04	1.08						
wind	-0.1 m/s	velocity	4.98	8.62	9.43	10.00	10.00	10.10	10.00	9.90	9.62	9.26	8.81			51.0	7.09	10.03

FINAL - 2017 IAAF World Championships (London, GBR)Bissas (2018) - *biomechanical report for the IAAF World Championships - London 2017- Women's 100m*

date	06-Aug-17	time	2.02	3.19	4.23	5.19	6.14	7.09	8.05	9.02	10.01	11.01	11.01	3 / 6	# of strides	4.23	2.86	2.92
reaction time	0.151	interval		1.17	1.04	0.96	0.95	0.95	0.96	0.97	0.99	1.00						
wind	-0.1 m/s	velocity	4.95	8.55	9.62	10.42	10.53	10.53	10.42	10.31	10.10	10.00	9.08			50.5	7.09	10.49

Akinosun, Morolake (USA) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)**Omega Timing (2023) - *diamond league race analysis*

date	02-Jun-23	time	2.04	3.19	4.24	5.23	6.21	7.18	8.16	9.13	10.14	11.20	11.20	6 / 4	# of strides	4.24	2.94	2.96
reaction time	0.161	interval		1.15	1.05	0.99	0.98	0.97	0.98	0.97	1.01	1.06						
wind	-0.4 m/s	velocity	4.90	8.70	9.52	10.10	10.20	10.31	10.20	10.31	9.90	9.43	8.93			53.2	7.08	10.20

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

date	08-Feb-20	time	2.16	3.24	4.45	7.16							7.16	3 / 2	# of strides	4.45	2.71
reaction time	0.191	interval		1.08	1.21	2.71											
		velocity	4.63	9.26	8.26	11.07							8.38			34.0	6.74

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

date	09-Sep-19	time	6.47										11.39	11.39	8 / 3	# of strides	
reaction time	0.174	interval											4.92				
wind	-0.8 m/s	velocity				7.73							10.16	8.78		53.7	

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Akinyemi, Folake (NOR) (1990)															
FINAL - 2011 Windsprint (Sundsvall, SWE)															
date	31-Jul-11	time				4.39		7.54		9.65	11.85	11.85	2 / 5		
reaction time		interval						3.15		2.11	2.20		# of strides	4.39	3.15
wind	0.2 m/s	velocity				6.83		9.52		9.48	9.09	8.44		6.83	9.52
Al-Alawi, Mazoon (OMA) (1997)															
Prelim 2 - 2024 Olympic Games (Paris, FRA)															
date	02-Aug-24	time	2.20	3.45	4.58	5.68	6.76	7.87	9.02	10.17	11.36	12.58	12.58	8 / 7	
reaction time	0.210	interval		1.25	1.13	1.10	1.08	1.11	1.15	1.15	1.19	1.22		# of strides	4.58 3.29 3.49
wind	1.1 m/s	velocity	4.55	8.00	8.85	9.09	9.26	9.01	8.70	8.70	8.40	8.20	7.95	54.0	6.55 9.12 8.60
Alexander, Erica (USA) (1990)															
FINAL - 2008 USATF National Junior Championships (Columbus, OH)															
date	20-Jun-08	time	2.13	3.21	4.30	5.32	6.34	7.36	8.38	9.45	10.52	11.59	11.59	3 / 6	
reaction time		interval		1.08	1.09	1.02	1.02	1.02	1.02	1.07	1.07	1.07		# of strides	4.30 3.06 3.16
wind	1.3 m/s	velocity	4.69	9.26	9.17	9.80	9.80	9.80	9.80	9.35	9.35	9.35	8.63		6.98 9.80 9.49
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)															
date	22-Jun-06	time	2.10	3.27	4.30	5.30	6.31	7.36	8.34	9.38	10.43	11.52	11.52	8 / 7	
reaction time		interval		1.17	1.03	1.00	1.01	1.05	0.98	1.04	1.05	1.09		# of strides	4.30 3.06 3.07
wind	1.2 m/s	velocity	4.76	8.55	9.71	10.00	9.90	9.52	10.20	9.62	9.52	9.17	8.68		6.98 9.80 9.77
Alfarsi, Mariam (UAE) (2008)															
Prelim 2 - 2024 Olympic Games (Paris, FRA)															
date	02-Aug-24	time	2.29	3.58	4.79	5.97	7.14	8.32	9.51	10.74	11.98	13.26	13.26	1 / 9	
reaction time	0.149	interval		1.29	1.21	1.18	1.17	1.18	1.19	1.23	1.24	1.28	PB	# of strides	4.79 3.53 3.66
wind	1.1 m/s	velocity	4.37	7.75	8.26	8.47	8.55	8.47	8.40	8.13	8.06	7.81	7.54	53.7	6.26 8.50 8.20
Alfred, Julien (LCA) (2001)															
FINAL - 2024 Memorial van damme (Brussels, BEL)															
date	13-Sep-24	time	2.01	3.11	4.12	5.08	6.03	6.98	7.93	8.90	9.89	10.88	10.88	5 / 1	
reaction time		interval		1.10	1.01	0.96	0.95	0.95	0.95	0.97	0.99	0.99		# of strides	4.12 2.86 2.91
wind	0.2 m/s	velocity	4.98	9.09	9.90	10.42	10.53	10.53	10.53	10.31	10.10	10.10	9.19	48.5	7.28 10.49 10.31
FINAL - 2024 Weltklasse (Zürich, SUI)															
date	05-Sep-24	time	2.04	3.15	4.16	5.13	6.09	7.04	7.98	8.93	9.90	10.88	10.88	4 / 2	
reaction time	0.173	interval		1.11	1.01	0.97	0.96	0.95	0.94	0.95	0.97	0.98		# of strides	4.16 2.88 2.86
wind	0.1 m/s	velocity	4.90	9.01	9.90	10.31	10.42	10.53	10.64	10.53	10.31	10.20	9.19	49.0	7.21 10.42 10.49
FINAL - 2024 Olympic Games (Paris, FRA)															
date	03-Aug-24	time	1.96	3.07	4.07	5.03	5.96	6.89	7.84	8.78	9.73	10.72	10.72	6 / 1	
reaction time	0.144	interval		1.11	1.00	0.96	0.93	0.93	0.95	0.94	0.95	0.99	NR PB	# of strides	4.07 2.82 2.84
wind	-0.1 m/s	velocity	5.10	9.01	10.00	10.42	10.75	10.75	10.53	10.64	10.53	10.10	9.33	49.0	7.37 10.64 10.56
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)															
date	03-Aug-24	time	2.00	3.13	4.13	5.10	6.04	6.97	7.92	8.85	9.82	10.84	10.84	6 / 1	
reaction time	0.173	interval		1.13	1.00	0.97	0.94	0.93	0.95	0.93	0.97	1.02		# of strides	4.13 2.84 2.85
wind	-0.1 m/s	velocity	5.00	8.85	10.00	10.31	10.64	10.75	10.53	10.75	10.31	9.80	9.23	49.0	7.26 10.56 10.53
Heat 2 - 2024 Olympic Games (Paris, FRA)															
date	02-Aug-24	time	2.02	3.13	4.14	5.12	6.06	7.02	7.98	8.93	9.92	10.95	10.95	9 / 1	
reaction time		interval		1.11	1.01	0.98	0.94	0.96	0.96	0.95	0.99	1.03		# of strides	4.14 2.88 2.90
wind	-0.8 m/s	velocity	4.95	9.01	9.90	10.20	10.64	10.42	10.42	10.53	10.10	9.71	9.13	48.5	7.25 10.42 10.34
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)															
date	12-Jul-24	time	2.01	3.13	4.13	5.10	6.05	6.99	7.94	8.91	9.87	10.85	10.85	5 / 1	
reaction time	0.146	interval		1.12	1.00	0.97	0.95	0.94	0.95	0.97	0.96	0.98		# of strides	4.13 2.86 2.88
wind	-1.0 m/s	velocity	4.98	8.93	10.00	10.31	10.53	10.64	10.53	10.31	10.42	10.20	9.22	50.0	7.26 10.49 10.42
FINAL - 2024 Prefontaine Classic (Eugene, OR)															
date	25-May-24	time	2.00	3.13	4.13	5.10	6.06	7.01	7.98	8.96	9.94	10.93	10.93	3 / 2	
reaction time	0.133	interval		1.13	1.00	0.97	0.96	0.95	0.97	0.98	0.98	0.99		# of strides	4.13 2.88 2.93
wind	1.5 m/s	velocity	5.00	8.85	10.00	10.31	10.42	10.53	10.31	10.20	10.20	10.10	9.15	50.0	7.26 10.42 10.24
FINAL - 2022 Commonwealth Games (Birmingham, GBR)															
date	03-Aug-22	time		3.1		5.0		7.0		8.9		11.01	11.01	6 / 2	
reaction time	0.139	interval				1.90		2.00		1.90		2.11		# of strides	
wind	0.4 m/s	velocity		6.45		10.53		10.00		10.53		9.48	9.08	51.2	
Alfredsson, Marine (SWE) (1993)															

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

date	17-Jun-12	time	4.57		7.82		10.04		12.35	12.35		1					
reaction time		interval			3.25		2.22		2.31			# of strides	4.57	3.25			
wind	1.5 m/s	velocity	6.56		9.23		9.01		8.66	8.10			6.56	9.23			

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

date	25-Jul-09	time	4.67		8.01		10.26		12.63	12.63		5					
reaction time		interval			3.34		2.25		2.37			# of strides	4.67	3.34			
wind	2.5 m/s	velocity	6.42		8.98		8.89		8.44	7.92			6.42	8.98			

AI-Gasara, Rakia (BRN) (1982)**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	16-Aug-09	time	3.32	4.37	5.39		7.42		9.42		11.49	11.49		4 / 3			
reaction time	0.199	interval		1.05	1.02		2.03		2.00		2.07	DV		# of strides	4.37	3.05	
wind	-0.1 m/s	velocity	6.02	9.52	9.80		9.85		10.00		9.66	8.70			6.86	9.84	

AI-Khaldi, Hajar Saad (BRN) (1995)**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)***Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	26-Aug-18	time	1.99	3.14	4.19	5.21	6.22	7.22	8.24	9.26	10.31	11.38	11.38		3 / 4		
reaction time	0.127	interval		1.15	1.05	1.02	1.01	1.00	1.02	1.02	1.05	1.07		# of strides	4.19	3.03	3.09
wind	0.3 m/s	velocity	5.03	8.70	9.52	9.80	9.90	10.00	9.80	9.80	9.52	9.35			51.9	7.16	9.90

Allen, Liliana (CUB) (1970)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 1996 International French Championships (Bercy, FRA)***Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	2.00	3.28	4.36	5.43	6.47	7.53				7.53		1 / 5			
reaction time		interval		1.28	1.08	1.07	1.04	1.06						# of strides	4.36	3.17	
		velocity	5.00	7.81	9.26	9.35	9.62	9.43				7.97			6.88	9.46	

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

date	01-Aug-92	time	3.10		5.13		7.11		9.13		11.19	11.19		1 / 8			
reaction time	0.174	interval			2.03		1.98		2.02		2.06			# of strides			
wind	-1.0 m/s	velocity	6.45		9.85		10.10		9.90		9.71	8.94			48.0		

FINAL - 1990 Goodwill Games (Seattle, WA)*Lyle (1990) - goodwill games women's 100m splits*

date	24-Jul-90	time	2.04	3.19	4.22	5.26	6.24	7.22	8.24		10.32	11.39	11.50		8 / 7		
reaction time		interval		1.15	1.03	1.04	0.98	0.98	1.02		2.08	1.07		# of strides	4.22	3.00	3.10
wind	0.0 m/s	velocity	4.90	8.70	9.71	9.62	10.20	10.20	9.80		9.62	9.35	8.70		7.11	10.00	9.68

Allers-Liburdu, Zahria (SKN) (2002)**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	02-Aug-24	time	2.14	3.36	4.45	5.51	6.57	7.61	8.66	9.72	10.79	11.89	11.89		2 / 8		
reaction time	0.193	interval		1.22	1.09	1.06	1.06	1.04	1.05	1.06	1.07	1.10		# of strides	4.45	3.16	3.18
wind	-0.4 m/s	velocity	4.67	8.20	9.17	9.43	9.43	9.62	9.52	9.43	9.35	9.09	8.41		50.2	6.74	9.49

Alozie, Glory (ESP) (1977)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2002 European Championships (Munich, GER)***Graubner (2009) - <http://www.fgs.uni-halle.de>*

date	07-Aug-02	time	3.21	4.26	5.28		7.26		9.26		11.32	11.32		1 / 4			
reaction time	0.150	interval		1.05	1.02		1.98		2.00		2.06			# of strides	4.26	3.00	
wind	-0.7 m/s	velocity	6.23	9.52	9.80		10.10		10.00		9.71	8.83			7.04	10.00	

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

date	07-Aug-02	time	3.19	4.25	5.27		7.24		9.23		11.32	11.32		1 / 2			
reaction time	0.142	interval		1.06	1.02		1.97		1.99		2.09			# of strides	4.25	2.99	
wind	0.0 m/s	velocity	6.27	9.43	9.80		10.15		10.05		9.57	8.83			7.06	10.03	

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

date	06-Aug-02	time	3.22	4.27	5.29		7.28		9.30		11.42	11.42		1 / 1			
reaction time	0.155	interval		1.05	1.02		1.99		2.02		2.12			# of strides	4.27	3.01	
wind	0.1 m/s	velocity	6.21	9.52	9.80		10.05		9.90		9.43	8.76			7.03	9.97	

AI-Shammari, Mudhawi (KUW) (1998)**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	3.3		5.5		7.6		9.7		11.88	11.88		1 / 8			
reaction time	0.177	interval			2.20		2.10		2.06		2.22	NR PB		# of strides			
wind	1.1 m/s	velocity	6.06		9.09		9.52		9.71		9.01	8.42			52.5		

Alstermark, Linnéa (SWE) (1992)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2010 Windsprint (Sundsvall, SWE)**(2010) - www.ssg.se/en/Windsprint/Split-times/

date	08-Aug-10	time	4.44				7.64		9.83		12.12	12.12		1 / 6			
reaction time		interval					3.20		2.19		2.29			# of strides	4.44	3.20	
wind	2.2 m/s	velocity	6.76				9.38		9.13		8.73	8.25			6.76	9.38	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Alyoussef, Alissar (SYR) (2005)																	
Prelim 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.25	3.50	4.67	5.79	6.94	8.08	9.26	10.45	11.68	12.93	12.93	4 / 8			
reaction time	0.186	interval		1.25	1.17	1.12	1.15	1.14	1.18	1.19	1.23	1.25	PB	# of strides	4.67	3.41	3.60
wind	1.1 m/s	velocity	4.44	8.00	8.55	8.93	8.70	8.77	8.47	8.40	8.13	8.00	7.73	53.0	6.42	8.80	8.33
Amundsen, Maren Bakke (NOR)																	
Heat B - 2024 Weltklasse (Zürich, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.19	3.40	4.50	5.55	6.61	7.65	8.70	9.77	10.83	11.91	11.91	9 / 9			
reaction time	0.200	interval		1.21	1.10	1.05	1.06	1.04	1.05	1.07	1.06	1.08		# of strides	4.50	3.15	3.18
wind	-0.5 m/s	velocity	4.57	8.26	9.09	9.52	9.43	9.62	9.52	9.35	9.43	9.26	8.40		6.67	9.52	9.43
Anderberg, Nikki (SWE) (2002)																	
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	04-Jul-21	time	3.4		5.5		7.6		9.7		11.97	11.97	11.97	3 / 7			
reaction time	0.153	interval			2.10		2.10		2.10		2.27			# of strides			
wind	-1.3 m/s	velocity		5.88	9.52		9.52		9.52		8.81	8.35		48.0			
Anderson, Alexandria (USA) (1987)																	
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.14	3.24	4.22	5.24	6.20	7.16	8.07	9.08	10.07	11.07	11.07	2 / 7			
reaction time		interval		1.10	0.98	1.02	0.96	0.96	0.91	1.01	0.99	1.00	PB	# of strides	4.22	2.94	2.91
wind	1.8 m/s	velocity	4.67	9.09	10.20	9.80	10.42	10.99	9.90	10.10	10.00	9.03		46.5	7.11	10.20	10.31
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.14	3.24	4.25	5.22	6.14	7.07	8.04	8.99	9.96	10.98	10.98	6 / 4			
reaction time		interval		1.10	1.01	0.97	0.92	0.93	0.97	0.95	0.97	1.02		# of strides	4.25	2.82	2.89
wind	3.4 m/s	velocity	4.67	9.09	9.90	10.31	10.87	10.75	10.31	10.53	10.31	9.80	9.11		7.06	10.64	10.38
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.10	3.22	4.25	5.23	6.19	7.14	8.09	9.07	10.06	11.08	11.08	5 / 2			
reaction time		interval		1.12	1.03	0.98	0.96	0.95	0.95	0.98	0.99	1.02		# of strides	4.25	2.89	2.92
wind	2.2 m/s	velocity	4.76	8.93	9.71	10.20	10.42	10.53	10.53	10.20	10.10	9.80	9.03		7.06	10.38	10.27
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
date	22-Jun-06	time	2.12	3.25	4.26	5.25	6.19	7.18	8.14	9.13	10.11	11.12	11.12	3 / 1			
reaction time		interval		1.13	1.01	0.99	0.94	0.99	0.96	0.99	0.98	1.01		# of strides	4.26	2.92	2.93
wind	1.2 m/s	velocity	4.72	8.85	9.90	10.10	10.64	10.10	10.42	10.10	10.20	9.90	8.99		7.04	10.27	10.24
FINAL - 2005 USATF National Junior Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	23-Jun-05	time	2.18	2.34	4.41	5.46	6.54	7.53	8.58	9.60	10.63	11.69	11.69	5 / 3			
reaction time		interval		0.16	2.07	1.05	1.08	0.99	1.05	1.02	1.03	1.06		# of strides	4.41	3.12	3.10
wind	-1.1 m/s	velocity	4.59	62.50	4.83	9.52	9.26	10.10	9.52	9.80	9.71	9.43	8.55		6.80	9.62	9.68
Anderson, Andrea (USA) (1977)																	
FINAL - 1996 USATF National Junior Championships (Delaware, OH)												<i>USATF Women's Sprint Development (1996)</i>					
date	28-Jun-96	time	2.20		4.40		6.28	7.29		10.42	11.64	11.64	11.64	3 / 3			
reaction time		interval			2.20		1.88	1.01		3.13	1.22			# of strides	4.40	2.89	3.13
wind	0.5 m/s	velocity	4.55		9.09		10.64	9.90		9.58	8.20	8.59			6.82	10.38	9.58
Anderson, Shani (GBR) (1975)																	
B FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time	3.30	4.37	5.41		7.42		9.42		11.69	11.69	11.69	1 / 5			
reaction time	0.117	interval		1.07	1.04		2.01		2.00		2.27			# of strides	4.37	3.05	
wind	1.8 m/s	velocity		6.06	9.35	9.62	9.95		10.00		8.81	8.55			6.86	9.84	
Andrysková, Pavla (CZE) (1978)																	
FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time	3.34	4.42	5.46		7.50		9.57		11.73	11.73	11.73	1 / 7			
reaction time	0.178	interval		1.08	1.04		2.04		2.07		2.16			# of strides	4.42	3.08	
wind	2.8 m/s	velocity		5.99	9.26	9.62	9.80		9.66		9.26	8.53			6.79	9.74	
Anim, Vida (GHA) (1983)																	
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	17-Aug-09	time	3.19	4.24	5.25		7.30		9.33		11.43	11.43	11.43	1 / 6			
reaction time	0.125	interval		1.05	1.01		2.05		2.03		2.10			# of strides	4.24	3.06	
wind	-0.1 m/s	velocity		6.27	9.52	9.90	9.76		9.85		9.52	8.75			7.08	9.80	
Quarter-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	3.15	4.20	5.22		7.25		9.26		11.34	11.34	11.34	6 / 4			

reaction time	0.127	interval		1.05	1.02	2.03	2.01	2.08		# of strides	4.20	3.05
wind	0.8 m/s	velocity	6.35	9.52	9.80	9.85	9.95	9.62	8.82	50.2	7.14	9.84

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

date	16-Aug-09	time	3.21	4.26	5.27	7.28	9.29	11.38	11.38	8 / 2		
reaction time	0.177	interval		1.05	1.01	2.01	2.01	2.09		# of strides	4.26	3.02
wind	-0.3 m/s	velocity	6.23	9.52	9.90	9.95	9.95	9.57	8.79		7.04	9.93

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

date	14-Jun-09	time	3.22	4.28	5.30	7.33	9.39	11.46	11.46	1 / 1		
reaction time	0.164	interval		1.06	1.02	2.03	2.06	2.07		# of strides	4.28	3.05
wind	0.1 m/s	velocity	6.21	9.43	9.80	9.85	9.71	9.66	8.73		7.01	9.84

Anye, Michelle-Lee (TTO) (1992)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2022 Meeting de Paris (Paris, FRA)***Omega Timing (2022) - diamond league race analysis*

date	18-Jun-22	time	3.13	5.15	7.05	9.04	11.07	11.07	2 / 5			
reaction time	0.113	interval		2.02	1.90	1.99	2.03		# of strides			
wind	0.5 m/s	velocity	6.39	9.90	10.53	10.05	9.85	9.03	51.0			

Aoki, Masumi (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 (Kitakami, JPN)***Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	04-Aug-11	time		6.53	7.57	8.66	9.76	10.89	12.05	12.05	5 / 3		
reaction time		interval			1.04	1.09	1.10	1.13	1.16		# of strides		3.32
wind	-1.0 m/s	velocity		7.66	9.62	9.17	9.09	8.85	8.62	8.30			9.04

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	30-Jul-10	time	2.03	3.24	5.47	6.56	7.65	8.76	9.91	11.06	12.23	12.23	6 / 1	
reaction time		interval		1.21	2.23	1.09	1.09	1.11	1.15	1.15	1.17		# of strides	3.29
wind	-3.2 m/s	velocity	4.93	8.26	8.97	9.17	9.17	9.01	8.70	8.70	8.55	8.18		9.12

Aono, Akari (JPN) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****U20 FINAL - 2018 National Sports Festival (Fukui, JPN)***Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	05-Oct-18	time	2.09	3.31	4.43	5.49	6.54	7.58	8.63	9.69	10.77	11.88	11.88	6 / 3
reaction time	0.141	interval		1.22	1.12	1.06	1.05	1.04	1.05	1.06	1.08	1.11		# of strides
wind	-0.1 m/s	velocity	4.78	8.20	8.93	9.43	9.52	9.62	9.52	9.43	9.26	9.01	8.42	55.0

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		4.44		7.69		11.00	12.15	12.15	6 / 3		
reaction time	0.151	interval				3.25		3.31	1.15		# of strides	4.44	3.25
wind	-3.0 m/s	velocity		6.76		9.23		9.06	8.70	8.23		6.76	9.23

Aoyama, Hanae (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 High School National Championships (Hiroshima, JPN)***Kobayashi (2020) - national high school and U20 national championships*

date	24-Oct-20	time	2.05	3.23	4.32	5.36	6.39	7.42	8.47	9.53	10.61	11.71	11.71	3 / 2
reaction time	0.164	interval		1.18	1.09	1.04	1.03	1.03	1.05	1.06	1.08	1.10		# of strides
wind	2.0 m/s	velocity	4.88	8.47	9.17	9.62	9.71	9.71	9.52	9.43	9.26	9.09	8.54	49.6

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	23-Aug-20	time	2.06	3.25	4.34	5.41	6.46	7.53	8.60	9.70	10.82	11.97	11.97	4 / 5
reaction time	0.158	interval		1.19	1.09	1.07	1.05	1.07	1.07	1.10	1.12	1.15		# of strides
wind	-0.9 m/s	velocity	4.85	8.40	9.17	9.35	9.52	9.35	9.35	9.09	8.93	8.70	8.35	6.91

Aoyama, Kae (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		4.35		6.47				11.96	11.96	5 / 1	
reaction time	0.159	interval				2.12				5.49		# of strides	4.35
wind	-1.5 m/s	velocity		6.90		3.09				9.11	8.36	51.2	6.90

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	2.08	3.23	4.30	5.34	6.38	7.43	8.48	9.55	10.63	11.73	11.73	2 / 5
reaction time		interval		1.15	1.07	1.04	1.04	1.05	1.05	1.07	1.08	1.10		# of strides
wind	-0.1 m/s	velocity	4.81	8.70	9.35	9.62	9.62	9.52	9.52	9.35	9.26	9.09	8.53	50.0

FINAL - 2019 Japanese National Championships (Fukuoka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Jun-19	time	2.04	3.20	4.28	5.32	6.35	7.39	8.44	9.51	10.61	11.73	11.73	3 / 3
reaction time	0.160	interval		1.16	1.08	1.04	1.03	1.04	1.05	1.07	1.10	1.12		# of strides
wind	0.6 m/s	velocity	4.90	8.62	9.26	9.62	9.71	9.62	9.52	9.35	9.09	8.93	8.53	50.9

Aoyama, Seika (JPN) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2014 Japanese National High School Championships (Kofu, JPN)***Yanagiya (2014) - research on athlete performance and technique- 2014 data book*

date	31-Jul-14	time	2.11	3.31	4.42	5.50	6.57	7.64	8.73	9.82	10.94	12.12	12.12	1 / 3
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reaction time	interval	1.20	1.11	1.08	1.07	1.07	1.09	1.09	1.12	1.18	# of strides	4.42	3.22	3.30		
wind	-2.4 m/s	velocity	4.74	8.33	9.01	9.26	9.35	9.35	9.17	9.17	8.93	8.47	8.25	6.79	9.32	9.09

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	2.13	3.31	4.41	5.48	6.55	7.62	8.69	9.77	10.88	12.02	12.02	/ 5			
reaction time		interval		1.18	1.10	1.07	1.07	1.07	1.07	1.08	1.11	1.14		# of strides	4.41	3.21	3.26
wind	-0.5 m/s	velocity	4.69	8.47	9.09	9.35	9.35	9.35	9.35	9.26	9.01	8.77	8.32	6.80	9.35	9.20	

Araki, Shino (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		4.33	5.40	6.44	7.53	8.60	9.69	10.81	11.96	11.96	/ 4													
reaction time		interval			1.07	1.04	1.09	1.07	1.09	1.12	1.15	PB	# of strides	4.33	3.20	3.28										
wind	-1.2 m/s	velocity		6.93	9.35	9.62	9.17	9.35	9.17	8.93	8.70	8.36	6.93	9.38	9.15											

Ardissone, Laura (ITA) (1969)												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)												<i>Locatelli (2000) - the mechanics and energetics of the 100m sprint</i>														
date	???	time	1.98	3.29	4.39	5.40	6.44	7.46			11.77	11.77														
reaction time		interval			1.31	1.10	1.01	1.04	1.02		4.31		# of strides	4.39	3.07											
wind	???	velocity	5.05	7.63	9.09	9.90	9.62	9.80			9.28	8.50	6.83	9.77												

Arron, Christine (FRA) (1973)												10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
date	23-Sep-07	time		3.22	4.24	5.23		7.19		9.16		11.20	11.20	3 / 3												
reaction time	0.158	interval			1.02	0.99		1.96		1.97		2.04		# of strides	4.24	2.95										
wind	-0.6 m/s	velocity		6.21	9.80	10.10		10.20		10.15		9.80	8.93	46.4	7.08	10.17										

FINAL - 2007 IAAF World Championships (Osaka, JPN)												<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>					
date	27-Aug-07	time	2.03	3.15	4.16	5.13	6.09	7.06	8.03	9.02	10.04	11.08	11.08	5 / 6			
reaction time	0.164	interval			1.12	1.01	0.97	0.96	0.97	0.97	1.02	1.04		# of strides	4.16	2.90	2.98
wind	-0.2 m/s	velocity	4.93	8.93	9.90	10.31	10.42	10.31	10.31	10.10	9.80	9.62	9.03	46.0	7.21	10.34	10.07

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	1.84	2.96	3.95	4.93	5.89	6.84	7.80	8.78	9.79	10.81	10.97	2 / 6			
reaction time	0.162	interval			1.12	0.99	0.98	0.96	0.95	0.96	0.98	1.01	1.02	# of strides	3.95	2.89	2.95
wind	-0.1 m/s	velocity	5.43	8.93	10.10	10.20	10.42	10.53	10.42	10.20	9.90	9.80	9.12	7.59	10.38	10.17	

FINAL - 1997 IAAF World Championships (Athens, GRE)												<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>					
date	03-Aug-97	time	1.89	3.04	4.06	5.04	6.00	6.95	7.91	8.88	9.87	10.88	11.05	4 / 4			
reaction time	0.165	interval			1.15	1.02	0.98	0.96	0.95	0.96	0.97	1.01		# of strides	4.06	2.89	2.92
wind	0.4 m/s	velocity	5.29	8.70	9.80	10.20	10.42	10.53	10.42	10.31	10.10	9.90	9.05	45.2	7.39	10.38	10.27

Artymata, Eleni (CYP) (1986)												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)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>														
date	17-Aug-09	time		3.32	4.39	5.42		7.45		9.45		11.49	11.49	2 / 8												
reaction time	0.164	interval			1.07	1.03		2.03		2.00		2.04		# of strides	4.39	3.06										
wind	-0.1 m/s	velocity		6.02	9.35	9.71		9.85		10.00		9.80	8.70	6.83	9.80											

Quarter-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		3.28	4.33	5.35		7.36		9.33		11.37	11.37	7 / 5		
reaction time	0.169	interval			1.05	1.02		2.01		1.97		2.04	PB	# of strides	4.33	3.03
wind	0.8 m/s	velocity		6.10	9.52	9.80		9.95		10.15		9.80	8.80	46.7	6.93	9.90

Heat 9 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	16-Aug-09	time		3.27	4.34	5.38		7.42		9.41		11.47	11.47	6 / 3		
reaction time	0.169	interval			1.07	1.04		2.04		1.99		2.06		# of strides	4.34	3.08
wind	-0.5 m/s	velocity		6.12	9.35	9.62		9.80		10.05		9.71	8.72	6.91	9.74	

Aruhn, Lena (SWE) (1970)												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		4.45				7.68		9.80		11.96	11.96	/ 3												
reaction time		interval						3.23		2.12		2.16		# of strides	4.45	3.23										
wind	1.0 m/s	velocity		6.74				9.29		9.43		9.26	8.36	6.74	9.29											

Asano, Natsumi (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 National High School Championships (Okayama, JPN)												<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>														
date	30-Jul-16	time		3.25	4.43	5.51	6.61	7.70	8.81	9.93		12.23	12.23	/ 7												
reaction time	0.157	interval			1.18	1.08	1.10	1.09	1.11	1.12		2.30		# of strides	4.43	3.27										
wind	1.6 m/s	velocity		6.15	8.47	9.26	9.09	9.17	9.01	8.93		8.70	8.18	6.77	9.17											

Asher-Smith, Dina (GBR) (1995)												10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>														

date	13-Sep-24	time	2.00	3.12	4.13	5.10	6.06	7.02	7.98	8.95	9.93	10.92	10.92	4 / 2			
reaction time	0.146	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.97	0.98	0.99		# of strides	4.13	2.89	2.91
wind	0.2 m/s	velocity	5.00	8.93	9.90	10.31	10.42	10.42	10.42	10.31	10.20	10.10	9.16	50.0	7.26	10.38	10.31
FINAL - 2024 Weltklasse (Zürich, SUI)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	05-Sep-24	time	1.98	3.10	4.10	5.06	6.01	6.97	7.92	8.89	9.89	10.89	10.89	6 / 3			
reaction time	0.142	interval		1.12	1.00	0.96	0.95	0.96	0.95	0.97	1.00	1.00		# of strides	4.10	2.87	2.92
wind	0.1 m/s	velocity	5.05	8.93	10.00	10.42	10.53	10.42	10.53	10.31	10.00	10.00	9.18	49.5	7.32	10.45	10.27
FINAL - 2024 Athletissima (Lausanne, SUI)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	22-Aug-24	time	1.94	3.06	4.06	5.03	5.99	6.95	7.91	8.88	9.87	10.88	10.88	2 / 1			
reaction time	0.121	interval		1.12	1.00	0.97	0.96	0.96	0.96	0.97	0.99	1.01		# of strides	4.06	2.89	2.92
wind	-0.4 m/s	velocity	5.15	8.93	10.00	10.31	10.42	10.42	10.42	10.31	10.10	9.90	9.19	49.0	7.39	10.38	10.27
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>			
date	03-Aug-24	time	2.04	3.16	4.18	5.16	6.12	7.09	8.07	9.06	10.07	11.10	11.10	5 / 5			
reaction time	0.156	interval		1.12	1.02	0.98	0.96	0.97	0.98	0.99	1.01	1.03		# of strides	4.18	2.91	2.98
wind	0.1 m/s	velocity	4.90	8.93	9.80	10.20	10.42	10.31	10.20	10.10	9.90	9.71	9.01	50.2	7.18	10.31	10.07
Heat 5 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>			
date	02-Aug-24	time	2.00	3.13	4.16	5.13	6.09	7.05	8.02	9.00	9.99	11.01	11.01	2 / 2			
reaction time	0.151	interval		1.13	1.03	0.97	0.96	0.96	0.97	0.98	0.99	1.02		# of strides	4.16	2.89	2.94
wind	1.0 m/s	velocity	5.00	8.85	9.71	10.31	10.42	10.42	10.31	10.20	10.10	9.80	9.08	50.0	7.21	10.38	10.20
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	12-Jul-24	time	2.03	3.15	4.16	5.13	6.10	7.06	8.02	9.01	10.00	10.99	10.99	3 / 3			
reaction time	0.141	interval		1.12	1.01	0.97	0.97	0.96	0.96	0.99	0.99	0.99		# of strides	4.16	2.90	2.94
wind	-1.0 m/s	velocity	4.93	8.93	9.90	10.31	10.31	10.42	10.42	10.10	10.10	10.10	9.10	50.0	7.21	10.34	10.20
FINAL - 2024 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	25-May-24	time	2.02	3.14	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.98	10.98	7 / 3			
reaction time	0.148	interval		1.12	1.02	0.97	0.96	0.95	0.97	0.97	1.00	1.00		# of strides	4.16	2.88	2.94
wind	1.5 m/s	velocity	4.95	8.93	9.80	10.31	10.42	10.53	10.31	10.31	10.00	10.00	9.11	49.7	7.21	10.42	10.20
FINAL - 2023 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	16-Sep-23	time	1.98	3.10	4.12	5.10	6.07	7.03	8.00	8.97	9.95	10.96	10.96	7 / 7			
reaction time	0.139	interval		1.12	1.02	0.98	0.97	0.96	0.97	0.97	0.98	1.01		# of strides	4.12	2.91	2.92
wind	0.8 m/s	velocity	5.05	8.93	9.80	10.20	10.31	10.42	10.31	10.31	10.20	9.90	9.12	49.0	7.28	10.31	10.27
FINAL - 2023 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	08-Sep-23	time	1.98	3.10	4.12	5.11	6.07	7.04	8.00	8.98	9.96	10.97	10.97	4 / 3			
reaction time	0.140	interval		1.12	1.02	0.99	0.96	0.97	0.96	0.98	0.98	1.01		# of strides	4.12	2.92	2.92
wind	0.0 m/s	velocity	5.05	8.93	9.80	10.10	10.42	10.31	10.42	10.20	10.20	9.90	9.12	49.2	7.28	10.27	10.27
FINAL - 2023 London Athletics Meet (London, GBR)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	23-Jul-23	time	1.98	3.08	4.08	5.04	5.99	6.93	7.88	8.85	9.84	10.85	10.85	3 / 2			
reaction time	0.144	interval		1.10	1.00	0.96	0.95	0.94	0.95	0.97	0.99	1.01		# of strides	4.08	2.85	2.91
wind	1.2 m/s	velocity	5.05	9.09	10.00	10.42	10.53	10.64	10.53	10.31	10.10	9.90	9.22	49.0	7.35	10.53	10.31
FINAL - 2022 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	28-May-22	time		3.09		5.08		7.01		8.95		10.98	10.98	5 / 4			
reaction time	0.116	interval				1.99		1.93		1.94		2.03		# of strides			
wind	0.7 m/s	velocity		6.47		10.05		10.36		10.31		9.85	9.11	49.0			
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	21-May-22	time		3.11		5.12		7.08		9.07		11.11	11.11	5 / 1			
reaction time	0.144	interval				2.01		1.96		1.99		2.04		# of strides			
wind	-0.1 m/s	velocity		6.43		9.95		10.20		10.05		9.80	9.00	49.0			
FINAL - 2021 Weltklasse (Zürich, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	09-Sep-21	time		3.1		5.1		7.0		8.9		10.87	10.87	3 / 2			
reaction time	0.141	interval				2.00		1.90		1.90		1.97		# of strides			
wind	0.6 m/s	velocity		6.45		10.00		10.53		10.53		10.15	9.20	48.0			
FINAL - 2019 IAAF World Championships (Doha, QAT)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
date	29-Sep-19	time	1.95	3.05	4.06	5.02	5.97	6.91	7.86	8.83	9.82	10.83	10.83	7 / 2			
reaction time	0.129	interval		1.10	1.01	0.96	0.95	0.94	0.95	0.97	0.99	1.01	NR PB	# of strides	4.06	2.85	2.91
wind	0.1 m/s	velocity	5.13	9.09	9.90	10.42	10.53	10.64	10.53	10.31	10.10	9.90	9.23	48.7	7.39	10.53	10.31
FINAL - 2019 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2019) - diamond league race analysis</i>			
date	06-Sep-19	time		3.1		5.1		7.0		8.9		10.88	10.88	4 / 1			

reaction time	0.120	interval				2.0	1.9	1.9	1.98		# of strides						
wind	-0.3 m/s	velocity	6.45		10.00	10.53	10.53	10.10	9.19		49.2						
Ashford, Evelyn (USA) (1957)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1990 Goodwill Games (Seattle, WA)												<i>Lyle (1990) - goodwill games women's 100m splits</i>					
date	24-Jul-90	time	2.14	3.20	4.24	5.24	6.22	7.18	8.15		10.15	11.24	11.24		4 / 5		
reaction time		interval		1.06	1.04	1.00	0.98	0.96	0.97		2.00	1.09		# of strides	4.24	2.94	2.97
wind	0.0 m/s	velocity	4.67	9.43	9.62	10.00	10.20	10.42	10.31		10.00	9.17	8.90		7.08	10.20	10.10
FINAL - 1988 Olympic Games (Seoul, KOR)												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>					
date	25-Sep-88	time	2.02	3.13	4.15	5.11	6.07	7.01	7.96	8.91	9.87	10.83	10.83		6 / 2		
reaction time	0.176	interval		1.11	1.02	0.96	0.96	0.94	0.95	0.95	0.96	0.96		# of strides	4.15	2.86	2.86
wind	3.0 m/s	velocity	4.95	9.01	9.80	10.42	10.42	10.64	10.53	10.53	10.42	10.42	9.23		50.8	7.23	10.49
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	2.03	3.14	4.19	5.18	6.14	7.08	8.04	9.02	10.01	10.99	10.99		6 / 1		
reaction time	0.170	interval		1.11	1.05	0.99	0.96	0.94	0.96	0.98	0.99	0.98		# of strides	4.19	2.89	2.93
wind	0.5 m/s	velocity	4.93	9.01	9.52	10.10	10.42	10.64	10.42	10.20	10.10	10.20	9.10		7.16	10.38	10.24
FINAL - 1983 IAAF World Championships (Helsinki, FIN)												<i>Butler (2013) - IAAF world championships statistics handbook- moscow 2013</i>					
date	08-Aug-83	time			4.13								dnf		2 / --		
reaction time		interval												# of strides	4.13		
wind	-0.5 m/s	velocity			7.26										7.26		
Semi-Final 2 - 1983 IAAF World Championships (Helsinki, FIN)												<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>					
date	08-Aug-83	time		3.12		5.15	6.11	7.05	8.03	8.99		10.99	10.99		8 / 1		
reaction time	0.201	interval				2.03	0.96	0.94	0.98	0.96		2.00	CR	# of strides		7.05	
wind	-0.6 m/s	velocity		6.41		9.85	10.42	10.64	10.20	10.42		10.00	9.10	50.5		4.26	
Ashraf, Shahd (QAT) (2003)			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	02-Aug-24	time	2.20	3.47	4.63	5.72	6.85	7.93	9.07	10.19	11.34	12.53	12.53		3 / 7		
reaction time	0.177	interval		1.27	1.16	1.09	1.13	1.08	1.14	1.12	1.15	1.19	NR PB	# of strides	4.63	3.30	3.41
wind	1.1 m/s	velocity	4.55	7.87	8.62	9.17	8.85	9.26	8.77	8.93	8.70	8.40	7.98	52.5	6.48	9.09	8.80
Asumnu, Gloria (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	28-Jun-08	time	2.04	3.17	4.18	5.17	6.12	7.11	8.10	9.09	10.09	11.13	11.13		6 / 6		
reaction time		interval		1.13	1.01	0.99	0.95	0.99	0.99	0.99	1.00	1.04		# of strides	4.18	2.93	2.98
wind	3.2 m/s	velocity	4.90	8.85	9.90	10.10	10.53	10.10	10.10	10.10	10.00	9.62	8.98	49.0	7.18	10.24	10.07
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.02	3.12	4.14	5.13	6.04	7.04	8.01	9.03	10.01	11.02	11.02		4 / 3		
reaction time		interval		1.10	1.02	0.99	0.91	1.00	0.97	1.02	0.98	1.01		# of strides	4.14	2.90	2.97
wind	2.3 m/s	velocity	4.95	9.09	9.80	10.10	10.99	10.00	10.31	9.80	10.20	9.90	9.07		7.25	10.34	10.10
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.15	3.14	4.17	5.17	6.11	7.11	8.07	9.07	10.09	11.10	11.10		7 / 2		
reaction time		interval		0.99	1.03	1.00	0.94	1.00	0.96	1.00	1.02	1.01		# of strides	4.17	2.94	2.98
wind	3.5 m/s	velocity	4.65	10.10	9.71	10.00	10.64	10.00	10.42	10.00	9.80	9.90	9.01		7.19	10.20	10.07
Atatou, Wided (FRA) (1999)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.3		5.5		7.6		9.8		12.04	12.04		5 / 6		
reaction time		interval				2.20		2.10		2.20		2.24		# of strides			
wind	0.8 m/s	velocity		6.06		9.09		9.52		9.09		8.93	8.31				
Atcho-Jaquier, Sarah (SUI) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat A - 2024 Weltklasse (Zürich, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.15	3.34	4.40	5.42	6.43	7.44	8.47	9.50	10.56	11.68	11.68		9 / 9		
reaction time	0.182	interval		1.19	1.06	1.02	1.01	1.01	1.03	1.03	1.06	1.12		# of strides	4.40	3.04	3.12
wind	-0.3 m/s	velocity	4.65	8.40	9.43	9.80	9.90	9.90	9.71	9.71	9.43	8.93	8.56		6.82	9.87	9.62
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	21-May-16	time				6.53						11.92	11.92		1 / 2		
reaction time		interval										5.39		# of strides			
wind	-1.8 m/s	velocity				7.66						9.28	8.39				
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	07-May-16	time				6.56						11.85	11.85		1 / 4		
reaction time		interval										5.29		# of strides			

wind 0.4 m/s velocity 7.62 9.45 8.44

FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)

Swiss Athletics (2016) - sprint and hurdle analysis

date 27-Feb-16 time 4.38 7.45 7.45 / 3
 reaction time interval 3.07 PB # of strides 4.38 3.07
 velocity 6.85 9.77 8.05 31.2 6.85 9.77

Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)

Swiss Athletics (2016) - sprint and hurdle analysis

date 27-Feb-16 time 4.44 7.52 7.52 / 2
 reaction time interval 3.08 # of strides 4.44 3.08
 velocity 6.76 9.74 7.98 6.76 9.74

Auerswald, Ingrid (GDR) (1957)

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

A Final - 1984 Olympischen Tag (Potsdam, GDR)

Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84

date 20-Jul-84 time 4.20 7.13 9.09 11.13 11.13 / 2
 reaction time interval 2.93 1.96 2.04 # of strides 4.20 2.93
 wind -0.5 m/s velocity 7.14 10.24 10.20 9.80 8.98 7.14 10.24

A Final - 1981 ????

Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84

date 13-Jun-81 time 4.30 7.25 9.26 11.34 11.34 ???
 reaction time interval 2.95 2.01 2.08 # of strides 4.30 2.95
 wind ??? velocity 6.98 10.17 9.95 9.62 8.82 6.98 10.17

Avramenka, Natallia (BLR) (1975)

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

C FINAL - 2001 European Cup (Bremen, GER)

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

date 23-Jun-01 time 3.30 4.37 5.40 7.45 9.55 11.76 11.76 / 5
 reaction time 0.137 interval 1.07 1.03 2.05 2.10 2.21 # of strides 4.37 3.08
 wind -0.2 m/s velocity 6.06 9.35 9.71 9.76 9.52 9.05 8.50 6.86 9.74

Awali, Samira (NIG) (2000)

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

Prelim 1 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date 02-Aug-24 time 1.92 3.15 4.21 5.26 6.32 7.44 8.47 9.56 10.66 12.06 12.06 9 / 5
 reaction time 0.187 interval 1.23 1.06 1.05 1.06 1.12 1.03 1.09 1.10 1.40 PB # of strides 4.21 3.23 3.22
 wind 0.0 m/s velocity 5.21 8.13 9.43 9.52 9.43 8.93 9.71 9.17 9.09 7.14 8.29 47.0 7.13 9.29 9.32

Azevedo, Ana Carolina (BRA) (1998)

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

Heat 5 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date 02-Aug-24 time 2.05 3.22 4.26 5.27 6.27 7.25 8.25 9.25 10.28 11.32 11.32 6 / 4
 reaction time 0.137 interval 1.17 1.04 1.01 1.00 0.98 1.00 1.00 1.03 1.04 # of strides 4.26 2.99 3.03
 wind 1.0 m/s velocity 4.88 8.55 9.62 9.90 10.00 10.20 10.00 10.00 9.71 9.62 8.83 51.0 7.04 10.03 9.90

Azuma, Naomi (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 National High School Championships (Okayama, JPN)

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

date 30-Jul-16 time 3.24 4.42 5.51 6.61 7.70 8.78 9.91 12.18 12.18 / 5
 reaction time 0.160 interval 1.18 1.09 1.10 1.09 1.08 1.13 2.27 # of strides 4.42 3.28
 wind 1.6 m/s velocity 6.17 8.47 9.17 9.09 9.17 9.26 8.85 8.81 8.21 6.79 9.15

Baas, Mette (FIN) (2000)

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

Heat B - 2024 Weltklasse (Zürich, SUI)

Omega Timing (2024) - diamond league race analysis

date 05-Sep-24 time 2.12 3.33 4.41 5.46 6.49 7.54 8.59 9.67 10.75 11.85 11.85 2 / 7
 reaction time 0.135 interval 1.21 1.08 1.05 1.03 1.05 1.05 1.08 1.08 1.10 # of strides 4.41 3.13 3.21
 wind -0.5 m/s velocity 4.72 8.26 9.26 9.52 9.71 9.52 9.52 9.26 9.26 9.09 8.44 6.80 9.58 9.35

Baba, Komi (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 (Kitakami, JPN)

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

date 04-Aug-11 time 6.54 7.60 8.68 9.81 10.98 12.18 12.18 8 / 7
 reaction time interval 1.06 1.08 1.13 1.17 1.20 # of strides 3.38
 wind -1.0 m/s velocity 7.65 9.43 9.26 8.85 8.55 8.33 8.21 8.88

Backman, Elin (SWE) (1988)

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

C FINAL - 2012 Windsprint (Sundsvall, SWE)

(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

date 17-Jun-12 time 4.55 7.85 10.05 12.30 12.30 / 1
 reaction time interval 3.30 2.20 2.25 # of strides 4.55 3.30
 wind 0.6 m/s velocity 6.59 9.09 9.09 8.89 8.13 6.59 9.09

B FINAL - 2011 Windsprint (Sundsvall, SWE)

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

date 31-Jul-11 time 4.41 7.58 9.68 11.87 11.87 1 / 5
 reaction time interval 3.17 2.10 2.19 # of strides 4.41 3.17
 wind 3.4 m/s velocity 6.80 9.46 9.52 9.13 8.42 6.80 9.46

Backus, LaKeisha (USA) (1976)

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

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.19	3.30	4.36	5.39	6.38	7.39	8.39	9.41	10.45	11.52	11.52	8 / 8 7			
reaction time		interval		1.11	1.06	1.03	0.99	1.01	1.00	1.02	1.04	1.07		# of strides	4.36	3.03	3.06
wind	-0.7 m/s	velocity	4.57	9.01	9.43	9.71	10.10	9.90	10.00	9.80	9.62	9.35	8.68	54.0	6.88	9.90	9.80

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.15	3.30	4.32	5.34	6.32	7.34	8.32	9.39	10.44	11.53	11.53	4 / 5 4			
reaction time		interval		1.15	1.02	1.02	0.98	1.02	0.98	1.07	1.05	1.09		# of strides	4.32	3.02	3.10
wind	-1.4 m/s	velocity	4.65	8.70	9.80	9.80	10.20	9.80	10.20	9.35	9.52	9.17	8.67	54.2	6.94	9.93	9.68

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)

Winckler (2008) - running parameters

date	06-Mar-99	time		4.23				7.31					7.31	3 / 2			
reaction time		interval						3.08						# of strides	4.23	3.08	
		velocity		7.09				9.74					8.21	35	7.09	9.74	

Bahl, Nadja (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		3.40	4.48	5.52		7.59		9.71		11.93	11.93	/ 3			
reaction time		interval			1.08	1.04		2.07		2.12		2.22		# of strides	4.48	3.11	
wind	0.4 m/s	velocity		5.88	9.26	9.62		9.66		9.43		9.01	8.38		6.70	9.65	

Bailey, Aleen (JAM) (1980)

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	17-Aug-09	time		3.24	4.27	5.27		7.23		9.18		11.16	11.16	1 / 8			
reaction time	0.173	interval			1.03	1.00		1.96		1.95		1.98		# of strides	4.27	2.96	
wind	0.1 m/s	velocity		6.17	9.71	10.00		10.20		10.26		10.10	8.96		7.03	10.14	

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

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

date	17-Aug-09	time		3.23	4.26	5.25		7.22		9.16		11.16	11.16	6 / 4			
reaction time	0.199	interval			1.03	0.99		1.97		1.94		2.00		# of strides	4.26	2.96	
wind	-0.1 m/s	velocity		6.19	9.71	10.10		10.15		10.31		10.00	8.96		47.5	7.04	10.14

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

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

date	16-Aug-09	time		3.20	4.23	5.23		7.19		9.11		11.12	11.12	3 / 2			
reaction time	0.171	interval			1.03	1.00		1.96		1.92		2.01		# of strides	4.23	2.96	
wind	0.8 m/s	velocity		6.25	9.71	10.00		10.20		10.42		9.95	8.99		47.0	7.09	10.14

Heat 5 - 2009 IAAF World Championships (Berlin, GER)

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

date	16-Aug-09	time		3.22	4.27	5.28		7.28		9.25		11.29	11.29	4 / 1			
reaction time	0.174	interval			1.05	1.01		2.00		1.97		2.04		# of strides	4.27	3.01	
wind	-0.7 m/s	velocity		6.21	9.52	9.90		10.00		10.15		9.80	8.86		7.03	9.97	

Bailey, Angela (CAN) (1962)

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

FINAL - 1990 Goodwill Games (Seattle, WA)

Lyle (1990) - goodwill games women's 100m splits

date	24-Jul-90	time		2.14	3.22	4.27	5.29	6.32	7.35	8.34		10.44	11.59	11.57	1 / 8			
reaction time		interval			1.08	1.05	1.02	1.03	1.03	0.99		2.10	1.15		# of strides	4.27	3.08	3.09
wind	0.0 m/s	velocity		4.67	9.26	9.52	9.80	9.71	9.71	10.10		9.52	8.70	8.64		7.03	9.74	9.71

FINAL - 1987 IAAF World Championships (Rome, ITA)

Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes

date	30-Aug-87	time		2.07	3.19	4.22	5.22	6.21	7.16	8.12	9.11	10.15	11.18	11.18	8 / 7 6				
reaction time	0.191	interval			1.12	1.03	1.00	0.99	0.95	0.96	0.99	1.04	1.03		# of strides	4.22	2.94	2.99	
wind	-0.5 m/s	velocity		4.83	8.93	9.71	10.00	10.10	10.53	10.42	10.10	9.62	9.71	8.94		50.2	7.11	10.20	10.03

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		4.20				7.12				11.07	11.07	2 / 4			
reaction time		interval						2.92				3.95		# of strides	4.20	2.92	
wind	0.7 m/s	velocity		7.14				10.27				10.13	9.03		52.0	7.14	10.27

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		4.25				7.22				11.31	11.31	7 / 2			
reaction time		interval						2.97				4.09		# of strides	4.25	2.97	
wind	-1.6 m/s	velocity		7.06				10.10				9.78	8.84		52.0	7.06	10.10

Heat 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		4.38				7.41				11.52	11.52	/ 2			
reaction time		interval						3.03				4.11		# of strides	4.38	3.03	
wind	1.0 m/s	velocity		6.85				9.90				9.73	8.68		6.85	9.90	

FINAL - 1983 IAAF World Championships (Helsinki, FIN)

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

date	08-Aug-83	time		3.10		5.15	6.12	7.11	8.10	9.10		11.20	11.20	7 / 5			
reaction time	0.157	interval				2.05	0.97	0.99	0.99	1.00		2.10		# of strides			

wind	-0.5 m/s	velocity	6.45	9.76	10.31	10.10	10.10	10.00	9.52	8.93	53.2							
Ball, Juan (USA) (1972)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)												USATF Women's Sprint Development (1996)						
date	15-Jun-96	time	2.02	4.22	6.24						10.30	11.39	11.39	1 / 7				
reaction time		interval		2.20	2.02						4.06	1.09		# of strides	4.22			
wind	0.2 m/s	velocity	4.95	9.09	9.90						9.85	9.17	8.78	49.3	7.11			
Bamane, Gladys (SWE) (1989)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
A FINAL - 2015 Windsprint (Sundsvall, SWE)												(2015) - www.windsprint/Splittider/						
date	26-Jul-15	time		4.42	7.66							12.03	12.03	7 / 6				
reaction time		interval			3.24	2.16						2.21		# of strides	4.42	3.24		
wind	0.9 m/s	velocity		6.79	9.26	9.26						9.05	8.31		6.79	9.26		
B FINAL - 2014 Windsprint (Sundsvall, SWE)												(2014) - www.ssg.se/windsprint/Splittider/						
date	20-Jul-14	time		4.44	7.64	9.79						11.99	11.99	4 / 1				
reaction time		interval			3.20	2.15						2.20		# of strides	4.44	3.20		
wind	2.3 m/s	velocity		6.76	9.38	9.30						9.09	8.34		6.76	9.38		
Bangué, Frédérique (FRA) (1976)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
C FINAL - 2001 European Cup (Bremen, GER)												Graubner (2007) - http://www.fgs.uni-halle.de						
date	23-Jun-01	time	3.22	4.27	5.29	7.28	9.34	11.44	11.44	11.44	11.44	11.44	11.44	1 / 1				
reaction time	0.126	interval		1.05	1.02	1.99	2.06	2.10				2.10		# of strides	4.27	3.01		
wind	-0.2 m/s	velocity	6.21	9.52	9.80	10.05	9.71	9.52	8.74			9.52	8.74		7.03	9.97		
FINAL - 1997 European Cup (Munich, GER)												Jung (2003) - http://www.fgs.uni-halle.de						
date	21-Jun-97	time	2.17	4.34	7.34	9.39	11.48	11.48	11.48	11.48	11.48	11.48	11.48	1 / 4				
reaction time		interval		2.17	3.00	2.05	2.09					2.09		# of strides	4.34	3.00		
wind	0.6 m/s	velocity	4.61	4.61	10.00	9.76	9.57	8.71				9.57	8.71		6.91	10.00		
Banno, Rio (JPN) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 3 - 2017 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	2.08	3.27	4.35	5.43	6.48	7.53	8.58	9.65	10.74	11.84	11.84	1 / 4				
reaction time	0.154	interval		1.19	1.08	1.08	1.05	1.05	1.05	1.07	1.09	1.10	PB	# of strides	4.35	3.18	3.21	
wind	0.7 m/s	velocity	4.81	8.40	9.26	9.26	9.52	9.52	9.52	9.35	9.17	9.09	8.45	49.4	6.90	9.43	9.35	
Baptiste, Kelly-Ann (TTO) (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)												Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m						
date	06-Aug-17	time	2.01	3.17	4.22	5.18	6.13	7.08	8.05	9.04	10.05	11.09	11.09	2 / 8				
reaction time	0.142	interval		1.16	1.05	0.96	0.95	0.95	0.97	0.99	1.01	1.04		# of strides	4.22	2.86	2.97	
wind	-0.1 m/s	velocity	4.98	8.62	9.52	10.42	10.53	10.53	10.31	10.10	9.90	9.62	9.02	51.0	7.11	10.49	10.10	
FINAL - 2011 IAAF World Championships (Daegu, KOR)												KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011						
date	29-Aug-11	time	2.99	4.11	5.08	6.05	7.01	7.97	8.91	9.91	10.98	10.98	10.98	5 / 3				
reaction time	0.151	interval		1.12	0.97	0.97	0.96	0.96	0.94	1.00	1.07			# of strides	4.11	2.90	2.89	
wind	-1.4 m/s	velocity	6.69	8.93	10.31	10.31	10.42	10.42	10.64	10.00	9.35	9.11		50.0	7.30	10.34	10.38	
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)												Graubner (2009) - biomechanical analyses at the 12th IAAF world championships						
date	17-Aug-09	time	3.13	4.15	5.14	7.11	9.04	11.07	11.07	11.07	11.07	11.07	11.07	7 / 5				
reaction time	0.141	interval		1.02	0.99	1.97	1.93	2.03				2.03		# of strides	4.15	2.96		
wind	-0.1 m/s	velocity	6.39	9.80	10.10	10.15	10.36	9.85	9.03			9.03			7.23	10.14		
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												Graubner (2009) - biomechanical analyses at the 12th IAAF world championships						
date	16-Aug-09	time	3.11	4.14	5.13	7.08	9.02	11.05	11.05	11.05	11.05	11.05	11.05	3 / 3				
reaction time	0.154	interval		1.03	0.99	1.95	1.94	2.03				2.03		# of strides	4.14	2.94		
wind	-0.4 m/s	velocity	6.43	9.71	10.10	10.26	10.31	9.85	9.05			9.05		48.7	7.25	10.20		
Heat 9 - 2009 IAAF World Championships (Berlin, GER)												Graubner (2009) - biomechanical analyses at the 12th IAAF world championships						
date	16-Aug-09	time	3.17	4.25	5.29	7.37	9.38	11.42	11.42	11.42	11.42	11.42	11.42	7 / 1				
reaction time	0.143	interval		1.08	1.04	2.08	2.01	2.04				2.04		# of strides	4.25	3.12		
wind	-0.5 m/s	velocity	6.31	9.26	9.62	9.62	9.95	9.80	8.76			8.76			7.06	9.62		
FINAL - 2009 ISTAF (Berlin, GER)												Graubner (2009) - http://www.fgs.uni-halle.de						
date	14-Jun-09	time	3.20	4.23	5.23	7.20	9.24	11.33	11.33	11.33	11.33	11.33	11.33	1 / 7				
reaction time	0.164	interval		1.03	1.00	1.97	2.04	2.09				2.09		# of strides	4.23	2.97		
wind	0.1 m/s	velocity	6.25	9.71	10.00	10.15	9.80	9.57	8.83			8.83			7.09	10.10		
Baptiste, Kimbely (GBR) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)												Omega Timing (2019) - diamond league race analysis						
date	18-Aug-19	time	3.4	5.5	7.5	9.6	11.71	11.71	11.71	11.71	11.71	11.71	11.71	9 / 7				
reaction time	0.139	interval		2.1	2.0	2.1	2.1					2.11		# of strides				

wind	-0.9 m/s	velocity	5.88	9.52	10.00	9.52	9.48	8.54	50.5											
Barber, Me'Lisa (USA) (1980)			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	28-Jun-08	time	2.05	3.17	4.19	5.17	6.16	7.09	8.05	9.05	10.06	11.07	11.07	1 / 6						
reaction time		interval		1.12	1.02	0.98	0.99	0.93	0.96	1.00	1.01	1.01		# of strides	4.19	2.90	2.97			
wind	1.8 m/s	velocity	4.88	8.93	9.80	10.20	10.10	10.75	10.42	10.00	9.90	9.90	9.03	51.7	7.16	10.34	10.10			
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>							
date	27-Jun-08	time	2.07	3.19	4.19	5.17	6.15	7.14	8.13	9.09	10.11	11.10	11.10	7 / 5						
reaction time		interval		1.12	1.00	0.98	0.98	0.99	0.99	0.96	1.02	0.99		# of strides	4.19	2.95	2.97			
wind	2.3 m/s	velocity	4.83	8.93	10.00	10.20	10.20	10.10	10.10	10.42	9.80	10.10	9.01		7.16	10.17	10.10			
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>							
date	27-Jun-08	time	2.06	3.18	4.20	5.21	6.19	7.19	8.17	9.15	10.17	11.19	11.19	7 / 4						
reaction time		interval		1.12	1.02	1.01	0.98	1.00	0.98	0.98	1.02	1.02		# of strides	4.20	2.99	2.98			
wind	1.4 m/s	velocity	4.85	8.93	9.80	9.90	10.20	10.00	10.20	10.20	9.80	9.80	8.94		7.14	10.03	10.07			
FINAL - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>							
date	25-Jun-05	time	1.99	3.12	4.15	5.16	6.13	7.11	8.07	9.07	10.04	11.10	11.10	6 / 1						
reaction time		interval		1.13	1.03	1.01	0.97	0.98	0.96	1.00	0.97	1.06		# of strides	4.15	2.96	2.93			
wind	-1.6 m/s	velocity	5.03	8.85	9.71	9.90	10.31	10.20	10.42	10.00	10.31	9.43	9.01	51.2	7.23	10.14	10.24			
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>							
date	25-Jun-05	time	2.04	3.12	4.12	5.08	6.04	6.99	7.93	8.89	9.88	10.87	10.87	6 / 1						
reaction time		interval		1.08	1.00	0.96	0.96	0.95	0.94	0.96	0.99	0.99		# of strides	4.12	2.87	2.89			
wind	3.0 m/s	velocity	4.90	9.26	10.00	10.42	10.42	10.53	10.64	10.42	10.10	10.10	9.20		7.28	10.45	10.38			
Heat 3 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>							
date	24-Jun-05	time	1.99	3.16	4.17	5.14	6.13	7.12	8.05	9.04	10.04	11.04	11.04	4 / 1						
reaction time		interval		1.17	1.01	0.97	0.99	0.99	0.93	0.99	1.00	1.00	PB	# of strides	4.17	2.95	2.92			
wind	1.4 m/s	velocity	5.03	8.55	9.90	10.31	10.10	10.10	10.75	10.10	10.00	10.00	9.06		7.19	10.17	10.27			
Barber, Mikele (USA) (1980)			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	27-Jun-08	time	2.12	3.22	4.28	5.28	6.25	7.21	8.18	9.18	10.16	11.29	11.29	1 / 8						
reaction time		interval		1.10	1.06	1.00	0.97	0.96	0.97	1.00	0.98	1.13		# of strides	4.28	2.93	2.95			
wind	0.7 m/s	velocity	4.72	9.09	9.43	10.00	10.31	10.42	10.31	10.00	10.20	8.85	8.86		7.01	10.24	10.17			
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>							
date	27-Jun-08	time	2.13	3.27	4.32	5.30	6.28	7.25	8.26	9.25	10.27	11.29	11.29	6 / 5						
reaction time		interval		1.14	1.05	0.98	0.98	0.97	1.01	0.99	1.02	1.02		# of strides	4.32	2.93	3.02			
wind	2.2 m/s	velocity	4.69	8.77	9.52	10.20	10.20	10.31	9.90	10.10	9.80	9.80	8.86		6.94	10.24	9.93			
FINAL - 2006 USATF National Championships (Indianapolis, IN)													<i>USATF Women's Sprint Development (2006)</i>							
date	23-Jun-06	time	2.10	3.26	4.29	5.29	6.25	7.24	8.20	9.21	10.24	11.27	11.27	6 / 6 5						
reaction time		interval		1.16	1.03	1.00	0.96	0.99	0.96	1.01	1.03	1.03	PB	# of strides	4.29	2.95	3.00			
wind	-0.9 m/s	velocity	4.76	8.62	9.71	10.00	10.42	10.10	10.42	9.90	9.71	9.71	8.87	51.7	6.99	10.17	10.00			
Bårdsgård Kulset, Malin (NOR) (1996)			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			4.64		6.77	7.84				12.24	12.24	4 / 2						
reaction time		interval				2.13	1.07					4.40		# of strides	4.64	3.20				
wind	1.6 m/s	velocity			6.47		9.39	9.35				9.09	8.17		6.47	9.38				
Barnes, Celera (USA) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2024 FBK Games (Hengelo, NED)													<i>Omega Timing (2024) - continental tour gold race analysis</i>							
date	07-Jul-24	time	1.96	3.09	4.13	5.13	6.12	7.12	8.12	9.13	10.15	11.19	11.19	5 / 1						
reaction time	0.141	interval		1.13	1.04	1.00	0.99	1.00	1.00	1.01	1.02	1.04		# of strides	4.13	2.99	3.03			
wind	0.6 m/s	velocity	5.10	8.85	9.62	10.00	10.10	10.00	10.00	9.90	9.80	9.62	8.94	52.0	7.26	10.03	9.90			
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)													<i>Omega Timing (2024) - diamond league race analysis</i>							
date	10-May-24	time	1.99	3.12	4.17	5.15	6.11	7.07	8.04	9.02	10.01	11.02	11.02	2 / 3						
reaction time	0.144	interval		1.13	1.05	0.98	0.96	0.96	0.97	0.98	0.99	1.01		# of strides	4.17	2.90	2.94			
wind	2.0 m/s	velocity	5.03	8.85	9.52	10.20	10.42	10.42	10.31	10.20	10.10	9.90	9.07	52.0	7.19	10.34	10.20			
Barta, Sydney (USA) (2004) (T64)			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	2.64	4.04	5.33	6.57	7.79	9.02	10.25	11.52	12.79	14.10	14.10	1 / 7						
reaction time	0.305	interval		1.40	1.29	1.24	1.22	1.23	1.23	1.27	1.27	1.31		# of strides	5.33	3.69	3.77			
wind	0.7 m/s	velocity	3.79	7.14	7.75	8.06	8.20	8.13	8.13	7.87	7.87	7.63	7.09	56.0	5.63	8.13	7.96			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Bartoletta, Tianna (USA) (1985)																	
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
date	21-May-17	time	2.05	3.24	4.29	5.32	6.32	7.33	8.34	9.36	10.40	11.47	11.47	/ 3			
reaction time	0.194	interval		1.19	1.05	1.03	1.00	1.01	1.01	1.02	1.04	1.07		# of strides	4.29	3.04	3.07
wind	0.8 m/s	velocity	4.88	8.40	9.52	9.71	10.00	9.90	9.80	9.62	9.35	8.72		50.3	6.99	9.87	9.77
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	2.01	3.12	4.15	5.15	6.12	7.10	8.09	9.11	10.16	11.23	11.23	5 / 1			
reaction time		interval		1.11	1.03	1.00	0.97	0.98	0.99	1.02	1.05	1.07		# of strides	4.15	2.95	3.06
wind	-1.7 m/s	velocity	4.98	9.01	9.71	10.00	10.31	10.20	10.10	9.80	9.52	9.35	8.90	51.1	7.23	10.17	9.80
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	2.01	3.13	4.18	5.19	6.19	7.18	8.18	9.18	10.20	11.26	11.26	5 / 1			
reaction time		interval		1.12	1.05	1.01	1.00	0.99	1.00	1.00	1.02	1.06		# of strides	4.18	3.00	3.02
wind	1.2 m/s	velocity	4.98	8.93	9.52	9.90	10.00	10.10	10.00	10.00	9.80	9.43	8.88	49.2	7.18	10.00	9.93
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	2.01	3.14	4.17	5.16	6.15	7.12	8.11	9.12	10.14	11.18	11.18	4 / 1			
reaction time		interval		1.13	1.03	0.99	0.99	0.97	0.99	1.01	1.02	1.04		# of strides	4.17	2.95	3.02
wind	-0.8 m/s	velocity	4.98	8.85	9.71	10.10	10.10	10.31	10.10	9.90	9.80	9.62	8.94	50.3	7.19	10.17	9.93
Madison, Tianna (USA) (1985)																	
FINAL - 2011 Windsprint (Sundsvall, SWE)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	31-Jul-11	time		4.27			7.33		9.36		11.51	11.51	1 / 4				
reaction time		interval				3.06		2.03		2.15			# of strides	4.27	3.06		
wind	0.2 m/s	velocity		7.03		9.80		9.85		9.30		8.69		7.03	9.80		
FINAL - 2010 Windsprint (Sundsvall, SWE)												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time		4.20		7.18		9.18		11.29	11.29	/ 2					
reaction time		interval				2.98		2.00		2.11			# of strides	4.20	2.98		
wind	2.4 m/s	velocity		7.14		10.07		10.00		9.48		8.86		7.14	10.07		
FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	25-Jul-09	time		4.25		7.23		9.22		11.32	11.32	/ 2					
reaction time		interval				2.98		1.99		2.10			# of strides	4.25	2.98		
wind	2.0 m/s	velocity		7.06		10.07		10.05		9.52		8.83		7.06	10.07		
Bartsevich, Yulia (BLR) (1979)																	
Semi-Final 2 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	07-Aug-02	time		3.19	4.24	5.25		7.26		9.30		11.44	11.44	/ 5			
reaction time	0.122	interval			1.05	1.01		2.01		2.04		2.14		# of strides	4.24	3.02	
wind	0.3 m/s	velocity		6.27	9.52	9.90		9.95		9.80		9.35	8.74		7.08	9.93	
Heat 1 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	06-Aug-02	time		3.17	4.21	5.22		7.22		9.28		11.42	11.42	/ 2			
reaction time	0.143	interval			1.04	1.01		2.00		2.06		2.14		# of strides	4.21	3.01	
wind	0.1 m/s	velocity		6.31	9.62	9.90		10.00		9.71		9.35	8.76		7.13	9.97	
B FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time		3.44	4.51	5.55		7.61		9.72		11.46	11.46	/ 3			
reaction time	0.294	interval			1.07	1.04		2.06		2.11		1.74	PB	# of strides	4.51	3.10	
wind	1.8 m/s	velocity		5.81	9.35	9.62		9.71		9.48		11.49	8.73		6.65	9.68	
Bass, Gina (GAM) (1995)																	
FINAL - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	13-Sep-24	time	2.03	3.18	4.23	5.23	6.22	7.19	8.18	9.18	10.18	11.19	11.19	2 / 6			
reaction time	0.156	interval		1.15	1.05	1.00	0.99	0.97	0.99	1.00	1.00	1.01		# of strides	4.23	2.96	2.99
wind	0.2 m/s	velocity	4.93	8.70	9.52	10.00	10.10	10.31	10.10	10.00	10.00	9.90	8.94	51.0	7.09	10.14	10.03
FINAL - 2024 Weltklasse (Zürich, SU1)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.05	3.19	4.24	5.24	6.23	7.21	8.18	9.17	10.16	11.17	11.17	9 / 9			
reaction time	0.169	interval		1.14	1.05	1.00	0.99	0.98	0.97	0.99	0.99	1.01		# of strides	4.24	2.97	2.95
wind	0.1 m/s	velocity	4.88	8.77	9.52	10.00	10.10	10.20	10.31	10.10	10.10	9.90	8.95	51.2	7.08	10.10	10.17
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	25-Aug-24	time	2.02	3.16	4.18	5.17	6.13	7.09	8.07	9.05	10.04	11.05	11.05	3 / 7			
reaction time	0.158	interval		1.14	1.02	0.99	0.96	0.96	0.98	0.98	0.99	1.01		# of strides	4.18	2.91	2.95
wind	2.9 m/s	velocity	4.95	8.77	9.80	10.10	10.42	10.42	10.20	10.20	10.10	9.90	9.05	51.0	7.18	10.31	10.17
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	2.02	3.16	4.20	5.21	6.17	7.13	8.12	9.09	10.11	11.10	11.10	4 / 3			

reaction time	0.146	interval	1.14	1.04	1.01	0.96	0.96	0.99	0.97	1.02	0.99		# of strides	4.20	2.93	2.98	
wind	-0.1 m/s	velocity	4.95	8.77	9.62	9.90	10.42	10.42	10.10	10.31	9.80	10.10	9.01	52.0	7.14	10.24	10.07

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

date	02-Aug-24	time	2.00	3.14	4.16	5.14	6.11	7.07	8.04	9.02	10.01	11.01	11.01	1 / 1			
reaction time	0.148	interval	1.14	1.02	0.98	0.97	0.96	0.97	0.98	0.99	1.00			# of strides	4.16	2.91	2.94
wind	-0.2 m/s	velocity	5.00	8.77	9.80	10.20	10.31	10.42	10.31	10.20	10.10	10.00	9.08	51.0	7.21	10.31	10.20

FINAL - 2024 Meeting de Paris (Paris, FRA)*Omega Timing (2024) - diamond league race analysis*

date	07-Jul-24	time	1.95	3.08	4.11	5.10	6.08	7.05	8.03	9.02	10.02	11.09	11.09	2 / 2			
reaction time	0.141	interval	1.13	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.07			# of strides	4.11	2.94	2.97
wind	-2.0 m/s	velocity	5.13	8.85	9.71	10.10	10.20	10.31	10.20	10.10	10.00	9.35	9.02	52.0	7.30	10.20	10.10

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

date	02-Jun-24	time	2.02	3.15	4.19	5.18	6.17	7.15	8.13	9.13	10.14	11.15	11.15	3 / 1			
reaction time	0.143	interval	1.13	1.04	0.99	0.99	0.98	0.98	1.00	1.01	1.01			# of strides	4.19	2.96	2.99
wind	-0.8 m/s	velocity	4.95	8.85	9.62	10.10	10.10	10.20	10.20	10.00	9.90	9.90	8.97	52.0	7.16	10.14	10.03

FINAL - 2023 Memorial van Damme (Brussels, BEL)*Omega Timing (2023) - diamond league race analysis*

date	08-Sep-23	time	2.00	3.13	4.16	5.16	6.13	7.11	8.10	9.10	10.13	11.18	11.18	8 / 6			
reaction time	0.139	interval	1.13	1.03	1.00	0.97	0.98	0.99	1.00	1.03	1.05			# of strides	4.16	2.95	3.02
wind	0.0 m/s	velocity	5.00	8.85	9.71	10.00	10.31	10.20	10.10	10.00	9.71	9.52	8.94	52.0	7.21	10.17	9.93

FINAL - 2022 Meeting de Paris (Paris, FRA)*Omega Timing (2022) - diamond league race analysis*

date	18-Jun-22	time	3.19	5.22	7.19	9.18	11.24	11.24	8 / 7					# of strides			
reaction time	0.193	interval	2.03	1.97	1.99	2.06								52.2			
wind	0.5 m/s	velocity	6.27	9.85	10.15	10.05	9.71	8.90									

Baur, Eva (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	3.48	4.58	5.65	7.80	9.97	12.18	12.18	/ 6				# of strides	4.58	3.22	
reaction time		interval	1.10	1.07	2.15	2.17	2.21							8.21	6.55	9.32	
wind	0.4 m/s	velocity	5.75	9.09	9.35	9.30	9.22	9.05	8.21								

Bazolo, Lorène Dorcas (POR) (1983)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)***Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.05	3.21	4.25	5.27	6.26	7.26	8.27	9.30	10.34	11.42	11.42	2 / 5			
reaction time	0.141	interval	1.16	1.04	1.02	0.99	1.00	1.01	1.03	1.04	1.08			# of strides	4.25	3.01	3.08
wind	-0.1 m/s	velocity	4.88	8.62	9.62	9.80	10.10	10.00	9.90	9.71	9.62	9.26	8.76		7.06	9.97	9.74

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

date	02-Aug-24	time	2.07	3.23	4.25	5.27	6.25	7.23	8.25	9.27	10.30	11.38	11.38	3 / 5			
reaction time	0.151	interval	1.16	1.02	1.02	0.98	0.98	1.02	1.02	1.03	1.08			# of strides	4.25	2.98	3.07
wind	0.1 m/s	velocity	4.83	8.62	9.80	9.80	10.20	10.20	9.80	9.80	9.71	9.26	8.79	51.0	7.06	10.07	9.77

National FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.07	3.22	4.26	5.27	6.26	7.25	8.25	9.27	10.30	11.35	11.35	7 / 2			
reaction time	0.153	interval	1.15	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.05			# of strides	4.26	2.99	3.05
wind	-0.1 m/s	velocity	4.83	8.70	9.62	9.90	10.10	10.10	10.00	9.80	9.71	9.52	8.81		7.04	10.03	9.84

FINAL - 2022 Meeting International Mohammed VI d'Atlétisme (Rabat, MAR)*Omega Timing (2022) - diamond league race analysis*

date	05-Jun-22	time	3.13	5.17	7.13	9.13	11.22	11.22	4 / 3					# of strides			
reaction time	0.147	interval	2.04	1.96	2.00									49.0			
wind	0.3 m/s	velocity	6.39	9.80	10.20	10.00	9.57	8.91									

Becerra, Soraya (SUI) (2004)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat B - 2024 Weltklasse (Zürich, SUI)***Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.11	3.30	4.38	5.42	6.45	7.49	8.54	9.61	10.68	11.75	11.75	3 / 5			
reaction time	0.145	interval	1.19	1.08	1.04	1.03	1.04	1.05	1.07	1.07	1.07			# of strides	4.38	3.11	3.19
wind	-0.5 m/s	velocity	4.74	8.40	9.26	9.62	9.71	9.62	9.52	9.35	9.35	9.35	8.51		6.85	9.65	9.40

B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)*Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.15	3.35	4.43	5.46	6.49	7.52	8.54	9.59	10.66	11.73	11.73	2 / 6			
reaction time	0.144	interval	1.20	1.08	1.03	1.03	1.03	1.02	1.05	1.07	1.07			# of strides	4.43	3.09	3.14
wind	2.2 m/s	velocity	4.65	8.33	9.26	9.71	9.71	9.71	9.80	9.52	9.35	9.35	8.53		6.77	9.71	9.55

National B FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.16	3.37	4.46	5.53	6.59	7.65	8.72	9.81	10.92	12.03	12.03	2 / 8			
reaction time	0.128	interval	1.21	1.09	1.07	1.06	1.06	1.07	1.09	1.11	1.11			# of strides	4.46	3.19	3.27
wind	-0.2 m/s	velocity	4.63	8.26	9.17	9.35	9.43	9.43	9.35	9.17	9.01	9.01	8.31		6.73	9.40	9.17

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Bell, Alyson (GBR) (2003)																	
National FINAL - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	20-Jul-24	time	2.03	3.19	4.26	5.28	6.29	7.30	8.31	9.34	10.39	11.46	11.46	1 / 7			
reaction time	0.135	interval		1.16	1.07	1.02	1.01	1.01	1.01	1.03	1.05	1.07		# of strides	4.26	3.04	3.09
wind	1.1 m/s	velocity	4.93	8.62	9.35	9.80	9.90	9.90	9.90	9.71	9.52	9.35	8.73		7.04	9.87	9.71
Belohlavová, Petra (CZE) (1998)																	
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		3.59		5.89		8.14		10.43		12.76	12.76	1 / 6			
reaction time	0.216	interval				2.30		2.25		2.29		2.33		# of strides			
wind	-1.4 m/s	velocity		5.57		8.70		8.89		8.73		8.58	7.84				
Benth, Katia (FRA) (1975)																	
FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time		3.26		4.31		5.32		7.29		9.29	11.38	11.38	/ 3		
reaction time	0.134	interval				1.05		1.01		1.97		2.00	2.09	# of strides	4.31	2.98	
wind	2.8 m/s	velocity		6.13		9.52		9.90		10.15		10.00	9.57	8.79	6.96	10.07	
Berclaz, Manon (SUI) (2003)																	
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.4		5.6		7.8		10.0		12.39	12.39	8 / 7			
reaction time		interval				2.20		2.20		2.20		2.39		# of strides			
wind	0.8 m/s	velocity		5.88		9.09		9.09		9.09		8.37	8.07				
Berneryd, Saga (SWE) (1999)																	
B FINAL - 2017 Windsprint (Sundsvall, SWE)												<i>(2017) - www.windsprint/Splittider/</i>					
date	30-Jul-17	time		4.64		6.89		8.00		10.28		12.62	12.62	3 / 4			
reaction time		interval				2.25		1.11		2.28		2.34		# of strides	4.64	3.36	
wind	1.6 m/s	velocity		6.47		8.89		9.01		8.77		8.55	7.92	6.47	8.93		
A FINAL - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>					
date	31-Jul-16	time		4.69				7.96				12.36	12.36	1 / 8			
reaction time		interval						3.27				4.40	PB	# of strides	4.69	3.27	
wind	2.0 m/s	velocity		6.40				9.17				9.09	8.09	6.40	9.17		
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>					
date	31-Jul-16	time		4.67				8.00				12.50	12.50	6 / 2			
reaction time		interval						3.33				4.50		# of strides	4.67	3.33	
wind	1.8 m/s	velocity		6.42				9.01				8.89	8.00	6.42	9.01		
Berntsson, Lena (SWE) (1978)																	
FINAL - 2012 Windsprint (Sundsvall, SWE)												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	17-Jun-12	time		4.36				7.47		9.60		11.79	11.79	7 / 5			
reaction time		interval						3.11		2.13		2.19		# of strides	4.36	3.11	
wind	1.0 m/s	velocity		6.88				9.65		9.39		9.13	8.48	6.88	9.65		
FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	25-Jul-09	time		4.29				7.36		9.45		11.64	11.64	/ 3			
reaction time		interval						3.07		2.09		2.19		# of strides	4.29	3.07	
wind	2.0 m/s	velocity		6.99				9.77		9.57		9.13	8.59	6.99	9.77		
FINAL - 2008 Windsprint (Sundsvall, SWE)												<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	06-Jul-08	time		4.26				7.32		9.47		11.67	11.67	1 / 4			
reaction time		interval						3.06		2.15		2.20		# of strides	4.26	3.06	
wind	1.0 m/s	velocity		7.04				9.80		9.30		9.09	8.57	7.04	9.80		
Bertrand, Leah (TTO) (2002)																	
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	03-Aug-24	time		2.05		3.22		4.28		5.30		6.30	7.29	8.29	9.30	10.32	11.37
reaction time	0.144	interval				1.17		1.06		1.02		1.00	0.99	1.00	1.01	1.02	1.05
wind	0.2 m/s	velocity		4.88		8.55		9.43		9.80		10.00	10.10	10.00	9.90	9.80	9.52
Heat 6 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time		2.06		3.23		4.27		5.29		6.27	7.26	8.25	9.25	10.25	11.27
reaction time	0.143	interval				1.17		1.04		1.02		0.98	0.99	0.99	1.00	1.00	1.02
wind	-0.4 m/s	velocity		4.85		8.55		9.62		9.80		10.20	10.10	10.00	10.00	9.80	8.87
Beu, Leonie (PNG) (1998)																	
Heat 5 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time		2.20		3.39		4.44		5.46		6.48	7.48	8.51	9.56	10.62	11.73
reaction time	0.252	interval				1.19		1.05		1.02		1.02	1.00	1.03	1.05	1.06	1.11

wind 1.0 m/s velocity 4.55 8.40 9.52 9.80 9.80 10.00 9.71 9.52 9.43 9.01 8.53 47.2 6.76 9.87 9.55

Prelim 3 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date 02-Aug-24 time 2.13 3.30 4.36 5.39 6.30 7.41 8.44 9.48 10.54 11.63 11.63 2 / 3
 reaction time 0.182 interval 1.17 1.06 1.03 0.91 1.11 1.03 1.04 1.06 1.09 **PB** # of strides 4.36 3.05 3.13
 wind 1.1 m/s velocity 4.69 8.55 9.43 9.71 10.99 9.01 9.71 9.62 9.43 9.17 8.60 46.7 6.88 9.84 9.58

Bikar, Alenka (SLO) (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 3.28 4.36 5.40 7.42 9.49 11.63 11.63 / 8
 reaction time 0.141 interval 1.08 1.04 2.02 2.07 2.14 # of strides 4.36 3.06
 wind -0.7 m/s velocity 6.10 9.26 9.62 9.90 9.66 9.35 8.60 6.88 9.80

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

date 07-Aug-02 time 3.13 4.18 5.20 7.20 9.23 11.37 11.37 / 4
 reaction time 0.162 interval 1.05 1.02 2.00 2.03 2.14 # of strides 4.18 3.02
 wind 0.0 m/s velocity 6.39 9.52 9.80 10.00 9.85 9.35 8.80 7.18 9.93

Bily, Laurence (FRA) (1963)

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

FINAL - 1987 European Cup (Prague, TCH)Sušanka (1987) - *hints on computer processing of biomechanical data*

date 28-Jun-87 time 2.04 3.23 4.26 5.27 6.29 7.29 8.31 9.34 10.38 11.44 11.44 7 / 6
 reaction time interval 1.19 1.03 1.01 1.02 1.00 1.02 1.03 1.04 1.06 # of strides 4.26 3.03 3.09
 wind -0.4 m/s velocity 4.90 8.40 9.71 9.90 9.80 10.00 9.80 9.71 9.62 9.43 8.74 52.4 7.04 9.90 9.71

Bingham, Khamica (CAN) (1994)

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

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

date 13-Jul-21 time 3.2 5.2 7.2 9.2 11.23 11.23 6 / 2
 reaction time 0.158 interval 2.00 2.00 2.00 2.03 # of strides
 wind 1.5 m/s velocity 6.25 10.00 10.00 10.00 9.85 8.90

Bisschops, Minke (NED) (2002)

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

B Race - Heat 2 - 2024 Athletissima (Lausanne, SU1)Omega Timing (2024) - *diamond league race analysis*

date 22-Aug-24 time 2.09 3.25 4.31 5.33 6.33 7.34 8.35 9.37 10.42 11.47 11.47 5 / 1
 reaction time 0.127 interval 1.16 1.06 1.02 1.00 1.01 1.01 1.02 1.05 1.05 # of strides 4.31 3.03 3.08
 wind 2.2 m/s velocity 4.78 8.62 9.43 9.80 10.00 9.90 9.90 9.80 9.52 9.52 8.72 6.96 9.90 9.74

B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SU1)Omega Timing (2021) - *diamond league race analysis*

date 26-Aug-21 time 3.3 5.4 7.4 9.4 11.52 11.52 8 / 6
 reaction time 0.139 interval 2.10 2.00 2.00 2.12 # of strides
 wind 2.7 m/s velocity 6.06 9.52 10.00 10.00 9.43 8.68

Block, Zhanna (UKR) (1972)

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

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

date 06-Aug-01 time 1.95 3.04 4.08 5.06 6.00 6.95 7.91 8.86 9.83 10.82 10.82 4 / 1
 reaction time 0.123 interval 1.09 1.04 0.98 0.94 0.95 0.96 0.95 0.97 0.99 **NR** # of strides 4.08 2.87 2.88
 wind -0.2 m/s velocity 5.13 9.17 9.62 10.20 10.64 10.53 10.42 10.53 10.31 10.10 9.24 49.0 7.35 10.45 10.42

FINAL - 2000 Olympic Games (Sydney, AUS)Veney - *Sydney 100m women's splits*

date 24-Sep-00 time 4.09 6.20 7.23 8.21 10.11 11.20 11.20 7 / 5 4
 reaction time 0.223 interval 2.11 1.03 0.98 1.90 1.09 # of strides 4.09 3.14 2.88
 wind -0.4 m/s velocity 7.33 9.48 9.71 10.20 10.53 9.17 8.93 7.33 9.55 10.42

Tamopolskaya-Pintusevich, Zhanna (UKR) (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 1.83 2.94 3.96 4.94 5.90 6.86 7.82 8.79 9.78 10.82 10.95 1 / 4
 reaction time 0.135 interval 1.11 1.02 0.98 0.96 0.96 0.96 0.97 0.99 1.04 # of strides 3.96 2.90 2.92
 wind -0.1 m/s velocity 5.46 9.01 9.80 10.20 10.42 10.42 10.42 10.31 10.10 9.62 9.13 7.58 10.34 10.27

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 1.86 2.98 3.99 4.96 5.90 6.84 7.78 8.74 9.72 10.72 10.85 5 / 2
 reaction time 0.130 interval 1.12 1.01 0.97 0.94 0.94 0.94 0.96 0.98 1.00 **NR** # of strides 3.99 2.85 2.88
 wind 0.4 m/s velocity 5.38 8.93 9.90 10.31 10.64 10.64 10.64 10.42 10.20 10.00 9.22 49.8 7.52 10.53 10.42

Blos, Martina (GDR) (1957)

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

FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)Heß (1978) - *geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76*

date 29-May-76 time 4.26 7.22 9.19 11.19 11.19 / 3
 reaction time interval 2.96 1.97 2.00 **PB** # of strides 4.26 2.96
 wind 1.3 m/s velocity 7.04 10.14 10.15 10.00 8.94 7.04 10.14

Bisschops, Minke (NED) (2002)

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

Heat B - 2024 Weltklasse (Zürich, SU1)Omega Timing (2024) - *diamond league race analysis*

date 05-Sep-24 time 2.12 3.29 4.36 5.38 6.40 7.42 8.45 9.49 10.55 11.62 11.62 5 / 2

reaction time	0.139	interval	1.17	1.07	1.02	1.02	1.02	1.03	1.04	1.06	1.07	# of strides	4.36	3.06	3.13	
wind	-0.5 m/s	velocity	4.72	8.55	9.35	9.80	9.80	9.80	9.71	9.62	9.43	9.35	8.61	6.88	9.80	9.58

B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)

Omega Timing (2022) - diamond league race analysis

date	26-Aug-22	time	3.3	5.3	7.4	9.4	11.66	11.66	6 / 2
reaction time		interval	2.00	2.10	2.00	2.26	# of strides		
wind	0.8 m/s	velocity	6.06	10.00	9.52	10.00	8.85	8.58	

Bodendorf, Carla (GDR) (1953)

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

FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR) Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76

date	29-May-76	time	4.31	7.28	9.23	11.22	11.22	1 / 5	
reaction time		interval	2.97	1.95	1.99	PB	# of strides	4.31	2.97
wind	1.3 m/s	velocity	6.96	10.10	10.26	10.05	8.91	6.96	10.10

Bohlén-Kinn, Therése (SWE) (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	4.54	7.71	9.84	12.07	12.07	1 / 7	
reaction time		interval	3.17	2.13	2.23	# of strides	4.54	3.17	
wind	2.4 m/s	velocity	6.61	9.46	9.39	8.97	8.29	6.61	9.46

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

date	25-Jul-09	time	4.47	7.60	9.68	11.85	11.85	1 / 6	
reaction time		interval	3.13	2.08	2.17	# of strides	4.47	3.13	
wind	2.0 m/s	velocity	6.71	9.58	9.62	9.22	8.44	6.71	9.58

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

date	24-Jul-07	time	4.50	7.77	9.96	12.22	12.22	1 / 1	
reaction time		interval	3.27	2.19	2.26	# of strides	4.50	3.27	
wind	0.9 m/s	velocity	6.67	9.17	9.13	8.85	8.18	6.67	9.17

Bolingo, Cynthia (BEL) (1993)

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

FINAL - 2020 Memorial Van Damme (Brussels, BEL) Omega Timing (2020) - diamond league race analysis

date	04-Sep-20	time	3.3	5.4	7.5	9.6	11.72	11.72	7 / 6
reaction time	0.172	interval	2.10	2.10	2.10	2.12	# of strides		
wind	0.2 m/s	velocity	6.06	9.52	9.52	9.52	9.43	8.53	51.5

Bongiorni, Anna (ITA) (1993)

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

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

date	17-Sep-20	time	3.2	5.3	7.2	9.3	11.38	11.38	1 / 7
reaction time	0.152	interval	2.10	1.90	2.10	2.08	# of strides		
wind	0.2 m/s	velocity	6.25	9.52	10.53	9.52	9.62	8.79	53.0

Bourdin, Helene (SWE) (1980)

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

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

date	08-Aug-10	time	4.60	7.78	9.89	12.05	12.05	1 / 4	
reaction time		interval	3.18	2.11	2.16	# of strides	4.60	3.18	
wind	2.2 m/s	velocity	6.52	9.43	9.48	9.26	8.30	6.52	9.43

Bouší, Kristyna (CZE) (1996)

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

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

date	28-Jun-14	time	3.65	6.07	8.46	10.88	13.37	13.37	2 / 5
reaction time	0.187	interval	2.42	2.39	2.42	2.49	# of strides		
wind	-3.0 m/s	velocity	5.48	8.26	8.37	8.26	8.03	7.48	

Bowie, Tori (USA) (1990)

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) Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m

date	06-Aug-17	time	2.07	3.22	4.24	5.18	6.11	7.04	7.98	8.93	9.88	10.85	10.85	7 / 1		
reaction time	0.182	interval	1.15	1.02	0.94	0.93	0.93	0.94	0.95	0.95	0.97	# of strides	4.24	2.80	2.84	
wind	-0.1 m/s	velocity	4.83	8.70	9.80	10.64	10.75	10.64	10.53	10.53	10.31	9.22	47.4	7.08	10.71	10.56

Boyle, Raelene (AUS) (1951)

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	02-Sep-72	time	4.16	7.20	9.23	11.23	11.23	1 / 2		
reaction time		interval	3.04	2.03	2.00	# of strides	4.16	3.04		
wind	-0.2 m/s	velocity	7.21	9.87	9.85	10.00	8.90	53.5	7.21	9.87

Božková Katerina (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	3.58	6.02	8.47	10.98	13.61	13.61	1 / 8
reaction time	0.184	interval	2.44	2.45	2.51	2.63	# of strides		
wind	-4.3 m/s	velocity	5.59	8.20	8.16	7.97	7.60	7.35	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Bracháčková, Petra (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	2.27	3.50	4.69	5.84	7.00	8.16	9.36	10.56	11.78	13.02	13.02	7 / 6			
reaction time	0.146	interval		1.23	1.19	1.15	1.16	1.16	1.20	1.20	1.22	1.24		# of strides	4.69	3.47	3.62
wind	-6.4 m/s	velocity	4.41	8.13	8.40	8.70	8.62	8.62	8.33	8.33	8.20	8.06	7.68		6.40	8.65	8.29
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		3.53		5.80		8.04		10.34		12.70	12.70	7 / 3			
reaction time	0.192	interval				2.27		2.24		2.30		2.36		# of strides			
wind	-1.4 m/s	velocity		5.67		8.81		8.93		8.70		8.47	7.87				
Braun, Franziska (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	3.34	4.44	5.51		7.66		9.82		12.07	12.07	/ 8				
reaction time		interval			1.10	1.07	2.15		2.16		2.25		# of strides	4.44	3.22		
wind	-0.3 m/s	velocity	5.99	9.09	9.35		9.30		9.26		8.89	8.29		6.76	9.32		
Brázdilová, Lenka (CZE) (1982)																	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.27	3.53	4.71	5.86	7.00	8.14				8.14	7 / 6				
reaction time	0.204	interval		1.26	1.18	1.15	1.14	1.14					# of strides	4.71	3.43		
		velocity	4.41	7.94	8.47	8.70	8.77	8.77				7.37		6.37	8.75		
Breen, Melissa (AUS) (1990)																	
Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
date	29-Apr-17	time	2.06	3.23	4.30	5.33	6.34	7.35	8.36	9.38	10.41	11.46	11.46	/ 1			
reaction time		interval		1.17	1.07	1.03	1.01	1.01	1.01	1.02	1.03	1.05		# of strides	4.30	3.05	3.06
wind	2.4 m/s	velocity	4.85	8.55	9.35	9.71	9.90	9.90	9.90	9.80	9.71	9.52	8.73	50.7	6.98	9.84	9.80
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	2.11	3.26	4.32	5.34	6.34	7.37	8.41	9.45	10.52	11.59	11.59	/ 1			
reaction time		interval		1.15	1.06	1.02	1.00	1.03	1.04	1.04	1.07	1.07		# of strides	4.32	3.05	3.15
wind	-1.8 m/s	velocity	4.74	8.70	9.43	9.80	10.00	9.71	9.62	9.62	9.35	9.35	8.63	50.3	6.94	9.84	9.52
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	2.07	3.22	4.28	5.30	6.32	7.33	8.34	9.38	10.41	11.49	11.49	6 / 5			
reaction time		interval		1.15	1.06	1.02	1.02	1.01	1.01	1.04	1.03	1.08		# of strides	4.28	3.05	3.08
wind	1.2 m/s	velocity	4.83	8.70	9.43	9.80	9.80	9.90	9.90	9.62	9.71	9.26	8.70	50.7	7.01	9.84	9.74
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)												<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>					
date	19-Apr-15	time	2.07	3.22	4.27	5.29	6.30	7.31	8.33	9.36	10.40	11.47	11.47	6 / 1			
reaction time		interval		1.15	1.05	1.02	1.01	1.01	1.02	1.03	1.04	1.07		# of strides	4.27	3.04	3.09
wind	-0.2 m/s	velocity	4.83	8.70	9.52	9.80	9.90	9.90	9.80	9.71	9.62	9.35	8.72	50.0	7.03	9.87	9.71
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	2.09	3.24	4.29	5.31	6.31	7.32	8.32	9.35	10.39	11.45	11.45	5 / 2			
reaction time		interval		1.15	1.05	1.02	1.00	1.01	1.00	1.03	1.04	1.06		# of strides	4.29	3.03	3.07
wind	-0.8 m/s	velocity	4.78	8.70	9.52	9.80	10.00	9.90	10.00	9.71	9.62	9.43	8.73	51.6	6.99	9.90	9.77
A FINAL - 2014 Miko 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	2.07	3.20	4.23	5.23	6.21	7.19	8.19	9.19	10.22	11.28	11.28	4 / 1			
reaction time		interval		1.13	1.03	1.00	0.98	0.98	1.00	1.00	1.03	1.06		# of strides	4.23	2.96	3.03
wind	1.5 m/s	velocity	4.83	8.85	9.71	10.00	10.20	10.20	10.00	10.00	9.71	9.43	8.87	50.7	7.09	10.14	9.90
FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)												<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>					
date	29-Apr-11	time	2.05	3.21	4.25	5.25	6.24	7.22	8.21	9.21	10.23	11.27	11.27	5 / 1			
reaction time		interval		1.16	1.04	1.00	0.99	0.98	0.99	1.00	1.02	1.04		# of strides	4.25	2.97	3.01
wind	2.6 m/s	velocity	4.88	8.62	9.62	10.00	10.10	10.20	10.10	10.00	9.80	9.62	8.87	50.5	7.06	10.10	9.97
Brice, Tremedia (USA) (1981)																	
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	25-Jun-05	time	2.10	3.22	4.29	5.29	6.30	7.29	8.26	9.27	10.29	11.36	11.36	1 / 6			
reaction time		interval		1.12	1.07	1.00	1.01	0.99	0.97	1.01	1.02	1.07		# of strides	4.29	3.00	3.00
wind	3.0 m/s	velocity	4.76	8.93	9.35	10.00	9.90	10.10	10.31	9.90	9.80	9.35	8.80		6.99	10.00	10.00
Heat 1 - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	24-Jun-05	time	2.06	3.29	4.31	5.39	6.43	7.45	8.46	9.49	10.54	11.58	11.58	9 / 3			
reaction time		interval		1.23	1.02	1.08	1.04	1.02	1.01	1.03	1.05	1.04		# of strides	4.31	3.14	3.09
wind	-2.0 m/s	velocity	4.85	8.13	9.80	9.26	9.62	9.80	9.90	9.71	9.52	9.62	8.64		6.96	9.55	9.71

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

													USATF Women's Sprint Development (2004)						
date	10-Jul-04	time	2.10	3.23	4.28	5.30	6.28	7.30	8.31	9.32	10.34	11.41	11.41	7 / 7	6				
reaction time		interval		1.13	1.05	1.02	0.98	1.02	1.01	1.01	1.02	1.07		# of strides	4.28	3.02	3.04		
wind	-0.7 m/s	velocity	4.76	8.85	9.52	9.80	10.20	9.80	9.90	9.90	9.80	9.35	8.76	49.2	7.01	9.93	9.87		

Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)

													USATF Women's Sprint Development (2004)						
date	09-Jul-04	time	2.19	3.33	4.37	5.37	6.37	7.37	8.39	9.41	10.44	11.50	11.50	5 / 4					
reaction time		interval		1.14	1.04	1.00	1.00	1.00	1.02	1.02	1.03	1.06		# of strides	4.37	3.00	3.07		
wind	-0.8 m/s	velocity	4.57	8.77	9.62	10.00	10.00	10.00	9.80	9.80	9.71	9.43	8.70	49.7	6.86	10.00	9.77		

Brisco, Mikiah (USA) (1996)

													USATF Women's Sprint Development (2004)						
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)													Omega Timing (2022) - diamond league race analysis						
date	21-May-22	time		3.16		5.19		7.14		9.10		11.14	11.14	3 / 3					
reaction time	0.125	interval				2.03		1.95		1.96		2.04		# of strides					
wind	-0.1 m/s	velocity		6.33		9.85		10.26		10.20		9.80	8.98	48.2					

Broadus, Juanita (USA) (1985)

													USATF Women's Sprint Development (2003)						
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)													USATF Women's Sprint Development with HPC (2008)						
date	27-Jun-08	time	2.07	3.17	4.22	5.31	6.35	7.47	8.57	9.79	10.99	12.44	12.44	4 / 7					
reaction time		interval		1.10	1.05	1.09	1.04	1.12	1.10	1.22	1.20	1.45		# of strides	4.22	3.25	3.52		
wind	3.5 m/s	velocity	4.83	9.09	9.52	9.17	9.62	8.93	9.09	8.20	8.33	6.90	8.04	7.11	9.23	8.52			

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

													USATF Women's Sprint Development (2003)						
date	22-Jun-03	time	2.19	3.34	4.44	5.49	6.54	7.56	8.58	9.66	10.70	11.78	11.78	2 / 4					
reaction time		interval		1.15	1.10	1.05	1.05	1.02	1.02	1.08	1.04	1.08		# of strides	4.44	3.12	3.14		
wind	0.7 m/s	velocity	4.57	8.70	9.09	9.52	9.52	9.80	9.80	9.26	9.62	9.26	8.49	6.76	9.62	9.55			

Brookins, LaKya (USA) (1989)

													USATF Women's Sprint Development (2006)						
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)													USATF Women's Sprint Development (2006)						
date	22-Jun-06	time	2.10	3.22	4.28	5.29	6.28	7.29	8.29	9.31	10.38	11.56	11.56	1 / 8					
reaction time		interval		1.12	1.06	1.01	0.99	1.01	1.00	1.02	1.07	1.18		# of strides	4.28	3.01	3.09		
wind	1.2 m/s	velocity	4.76	8.93	9.43	9.90	10.10	9.90	10.00	9.80	9.35	8.47	8.65	7.01	9.97	9.71			

Brooks, Sheri-Ann (JAM) (1983)

													Graubner (2009) - http://www.fgs.uni-halle.de						
FINAL - 2009 ISTAF (Berlin, GER)													Graubner (2009) - http://www.fgs.uni-halle.de						
date	14-Jun-09	time		3.19	4.21	5.19		7.14		9.15		11.18	11.18	1 / 3					
reaction time	0.165	interval			1.02	0.98		1.95		2.01		2.03		# of strides	4.21	2.93			
wind	0.1 m/s	velocity		6.27	9.80	10.20		10.26		9.95		9.85	8.94	7.13	10.24				

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

													Graubner (2007) - http://www.fgs.uni-halle.de						
date	23-Sep-07	time		3.21	4.23	5.22		7.21		9.23		11.33	11.33	8 / 6					
reaction time	0.153	interval			1.02	0.99		1.99		2.02		2.10		# of strides	4.23	2.98			
wind	-0.6 m/s	velocity		6.23	9.80	10.10		10.05		9.90		9.52	8.83	7.09	10.07				

Brown, Brittany (USA) (1995)

													Omega Timing (2024) - diamond league race analysis						
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													Omega Timing (2024) - diamond league race analysis						
date	02-Jun-24	time	2.02	3.17	4.21	5.19	6.20	7.19	8.18	9.17	10.17	11.18	11.18	2 / 3					
reaction time	0.137	interval		1.15	1.04	0.98	1.01	0.99	0.99	0.99	1.00	1.01		# of strides	4.21	2.98	2.98		
wind	-0.8 m/s	velocity	4.95	8.70	9.62	10.20	9.90	10.10	10.10	10.10	10.10	9.90	8.94	49.5	7.13	10.07	10.07		

FINAL - 2024 Prefontaine Classic (Eugene, OR)

													Omega Timing (2024) - diamond league race analysis						
date	25-May-24	time	2.09	3.24	4.26	5.25	6.23	7.20	8.18	9.17	10.18	11.21	11.21	9 / 8					
reaction time	0.144	interval		1.15	1.02	0.99	0.98	0.97	0.98	0.99	1.01	1.03		# of strides	4.26	2.94	2.98		
wind	1.5 m/s	velocity	4.78	8.70	9.80	10.10	10.20	10.31	10.20	10.10	9.90	9.71	8.92	49.0	7.04	10.20	10.07		

Brubak, Mari Gilde (NOR) (1990)

													(2017) - www.windsprint/Splittider/						
A FINAL - 2017 Windsprint (Sundsvall, SWE)													(2017) - www.windsprint/Splittider/						
date	30-Jul-17	time		4.47		6.56	7.61		9.78		11.98	11.98	7 / 6						
reaction time		interval				2.09	1.05		2.17		2.20			# of strides	4.47	3.14			
wind	0.3 m/s	velocity		6.71		9.57	9.52		9.22		9.09	8.35		6.71	9.55				

B FINAL - 2015 Windsprint (Sundsvall, SWE)

													(2015) - www.windsprint/Splittider/						
date	26-Jul-15	time		4.44		7.59		9.75		11.97	11.97	4 / 2							
reaction time		interval				3.15		2.16		2.22				# of strides	4.44	3.15			
wind	2.1 m/s	velocity		6.76		9.52		9.26		9.01	8.35			6.76	9.52				

C FINAL - 2014 Windsprint (Sundsvall, SWE)

													(2014) - www.ssg.se/windsprint/Splittider/						
date	20-Jul-14	time		4.50		7.76		9.94		12.18	12.18	3 / 3							
reaction time		interval				3.26		2.18		2.24				# of strides	4.50	3.26			
wind	0.7 m/s	velocity		6.67		9.20		9.17		8.93	8.21			6.67	9.20				

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

date	28-Jul-13	time	4.51	7.64	9.75	11.97	11.97	1 / 5											
reaction time		interval		3.13	2.11	2.22		# of strides	4.51	3.13									
wind	2.6 m/s	velocity	6.65	9.58	9.48	9.01	8.35		6.65	9.58									

Bryant, Dezerea (USA) (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		6.29						11.30	11.30	4 / 2							
reaction time	0.171	interval								5.01		# of strides							
wind	-0.8 m/s	velocity		7.95						9.98	8.85	53.7							

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

date	18-Aug-19	time	3.2	5.2	7.2	9.2	11.21	11.21	4 / 2										
reaction time	0.155	interval		2.0	2.0	2.0	2.01		# of strides										
wind	-0.9 m/s	velocity	6.25	10.00	10.00	10.00	9.95	8.92	54.0										

Brzezińska, Iwona (POL) (1986)

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	3.26	4.32	5.35	7.41	9.52	11.65	11.65	1 / 8									
reaction time	0.186	interval		1.06	1.03	2.06	2.11	2.13		# of strides	4.32	3.09							
wind	0.1 m/s	velocity	6.13	9.43	9.71	9.71	9.48	9.39	8.58										

Buckel, Carlotta (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	3.52	4.64	5.73	7.88	10.06	12.31	12.31	1 / 7									
reaction time		interval		1.12	1.09	2.15	2.18	2.25		# of strides	4.64	3.24							
wind	0.4 m/s	velocity	5.68	8.93	9.17	9.30	9.17	8.89	8.12										

Burghardt, Alexandra (GER) (1994)

10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 2021 Athletissima (Lausanne, SUI) *Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time	3.2	5.2	7.2	9.1	11.12	11.12	1 / 8										
reaction time	0.155	interval		2.00	2.00	1.90	2.02		# of strides										
wind	1.7 m/s	velocity	6.25	10.00	10.00	10.53	9.90	8.99	48.0										

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

date	07-Aug-10	time	3.37	4.45	5.50	7.58	9.72	11.95	11.95	1 / 4									
reaction time		interval		1.08	1.05	2.08	2.14	2.23		# of strides	4.45	3.13							
wind	-0.3 m/s	velocity	5.93	9.26	9.52	9.62	9.35	8.97	8.37										

Semi-Final 3 - 2010 German National Youth Championships (Ulm, GER)*Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.36	4.43	5.47	7.53	9.64	11.83	11.83	1 / 1									
reaction time		interval		1.07	1.04	2.06	2.11	2.19	PB	# of strides	4.43	3.10							
wind	0.5 m/s	velocity	5.95	9.35	9.62	9.71	9.48	9.13	8.45										

Bürgi, Céline (SUI) (1999)

10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI) *Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.12	3.30	4.35	5.37	6.38	7.38	8.40	9.43	10.47	11.51	11.51	3 / 3					
reaction time	0.144	interval		1.18	1.05	1.02	1.01	1.00	1.02	1.03	1.04	1.04		# of strides	4.35	3.03	3.09		
wind	2.2 m/s	velocity	4.72	8.47	9.52	9.80	9.90	10.00	9.80	9.71	9.62	9.62	8.69						

National B FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.10	3.30	4.38	5.42	6.46	7.50	8.55	9.63	10.72	11.82	11.82	4 / 4					
reaction time	0.129	interval		1.20	1.08	1.04	1.04	1.04	1.05	1.08	1.09	1.10		# of strides	4.38	3.12	3.22		
wind	-0.2 m/s	velocity	4.76	8.33	9.26	9.62	9.62	9.62	9.52	9.26	9.17	9.09	8.46						

Burkett, Aspen (USA) (1976)

10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	2.12	4.33	6.44					10.38	11.45	11.45	7 / 7						
reaction time		interval		2.21	2.11					3.94	1.07		# of strides	4.33					
wind	1.1 m/s	velocity	4.72	9.05	9.48					10.15	9.35	8.73							

Busk, Daniella (SWE) (1993)

10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2021) - diamond league race analysis*

date	04-Jul-21	time	3.4	5.5	7.6	9.7	11.76	11.76	8 / 6										
reaction time	0.175	interval		2.10	2.10	2.10	2.06		# of strides										
wind	-1.3 m/s	velocity	5.88	9.52	9.52	9.52	9.71	8.50	49.5										

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

date	26-Jul-15	time	4.51	7.67	9.78	11.92	11.92	3 / 4											
reaction time		interval		3.16	2.11	2.14		# of strides	4.51	3.16									
wind	0.9 m/s	velocity	6.65	9.49	9.48	9.35	8.39												

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

date	28-Jul-13	time	4.44	7.50	9.55	11.68	11.68	7 / 6											
reaction time		interval		3.06	2.05	2.13		# of strides	4.44	3.06									
wind	2.2 m/s	velocity	6.76	9.80	9.76	9.39	8.56		6.76	9.80									

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

date	31-Jul-11	time	4.46	7.59	9.66	11.85	11.85	7 / 3											
reaction time		interval		3.13	2.07	2.19		# of strides	4.46	3.13									
wind	3.4 m/s	velocity	6.73	9.58	9.66	9.13	8.44		6.73	9.58									

Caisová, Hana (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	3.71	6.15	8.55	10.98	13.48	13.48	2 / 6										
reaction time	0.212	interval		2.44	2.40	2.43	2.50		# of strides										
wind	-0.1 m/s	velocity	5.39	8.20	8.33	8.23	8.00	7.42											

Caligiuri, Iris (SUI) (2003)

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

Heat B - 2024 Weltklasse (Zürich, SUI)Omega Timing (2024) - *diamond league race analysis*

date	05-Sep-24	time	2.16	3.34	4.42	5.47	6.52	7.56	8.62	9.69	10.77	11.85	11.85	8 / 8					
reaction time	0.141	interval		1.18	1.08	1.05	1.05	1.04	1.06	1.07	1.08	1.08		# of strides	4.42	3.14	3.21		
wind	-0.5 m/s	velocity	4.63	8.47	9.26	9.52	9.52	9.62	9.43	9.35	9.26	9.26	8.44		6.79	9.55	9.35		

B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)Omega Timing (2024) - *diamond league race analysis*

date	22-Aug-24	time	2.13	3.31	4.37	5.40	6.41	7.44	8.47	9.51	10.58	11.65	11.65	7 / 5					
reaction time	0.125	interval		1.18	1.06	1.03	1.01	1.03	1.03	1.04	1.07	1.07		# of strides	4.37	3.07	3.14		
wind	2.2 m/s	velocity	4.69	8.47	9.43	9.71	9.90	9.71	9.71	9.62	9.35	9.35	8.58		6.86	9.77	9.55		

Campbell-Brown, Veronica (JAM) (19

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	29-Aug-11	time	3.12	4.17	5.13	6.10	7.04	7.99	8.92	9.91	10.97	10.97	10.97	8 / 2					
reaction time	0.234	interval		1.05	0.96	0.97	0.94	0.95	0.93	0.99	1.06		# of strides	4.17	2.87	2.86			
wind	-1.4 m/s	velocity	6.41	9.52	10.42	10.31	10.64	10.53	10.75	10.10	9.43	9.12		49.6	7.19	10.45	10.49		

FINAL - 2010 Osaka Grand Prix (Osaka, JPN)Akirabun (2011) - *speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	08-May-10	time	2.03	3.15	4.17	5.16	6.12	7.08	8.04	9.01	10.00	11.02	11.02	1 / 1					
reaction time		interval		1.12	1.02	0.99	0.96	0.96	0.96	0.97	0.99	1.02		# of strides	4.17	2.91	2.92		
wind	-0.1 m/s	velocity	4.93	8.93	9.80	10.10	10.42	10.42	10.42	10.31	10.10	9.80	9.07		50.3	7.19	10.31	10.27	

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

date	17-Aug-09	time	3.12	4.14	5.12	7.06	8.97	10.95	10.95	6 / 4									
reaction time	0.135	interval		1.02	0.98	1.94	1.91	1.98		# of strides	4.14	2.92							
wind	0.1 m/s	velocity	6.41	9.80	10.20	10.31	10.47	10.10	9.13		49.5	7.25	10.27						

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

date	17-Aug-09	time	3.13	4.16	5.15	7.10	9.02	11.00	11.00	3 / 2									
reaction time	0.148	interval		1.03	0.99	1.95	1.92	1.98		# of strides	4.16	2.94							
wind	-0.1 m/s	velocity	6.39	9.71	10.10	10.26	10.42	10.10	9.09		7.21	10.20							

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

date	16-Aug-09	time	3.10	4.11	5.09	7.04	8.96	10.99	10.99	4 / 1									
reaction time	0.156	interval		1.01	0.98	1.95	1.92	2.03		# of strides	4.11	2.93							
wind	0.1 m/s	velocity	6.45	9.90	10.20	10.26	10.42	9.85	9.10		49.0	7.30	10.24						

Heat 6 - 2009 IAAF World Championships (Berlin, GER)Graubner (2009) - *biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	3.12	4.15	5.15	7.17	9.19	11.34	11.34	3 / 1									
reaction time	0.138	interval		1.03	1.00	2.02	2.02	2.15		# of strides	4.15	3.02							
wind	-0.6 m/s	velocity	6.41	9.71	10.00	9.90	9.90	9.30	8.82		7.23	9.93							

Campbell, Veronica (JAM) (1982)**FINAL - 2007 IAAF World Championships (Osaka, JPN)**Ae (2008) - *IAAF biomechanics team - a booklet of biomechanics data*

date	27-Aug-07	time	2.01	3.14	4.15	5.11	6.07	7.02	7.97	8.96	9.97	11.01	11.01	7 / 1					
reaction time	0.167	interval		1.13	1.01	0.96	0.96	0.95	0.95	0.99	1.01	1.04		# of strides	4.15	2.87	2.95		
wind	-0.2 m/s	velocity	4.98	8.85	9.90	10.42	10.42	10.53	10.53	10.10	9.90	9.62	9.08		49.2	7.23	10.45	10.17	

Semi-Final 2 - 2007 IAAF World Championships (Osaka, JPN)Matsuo (2009) - *analysis of speed patterns in 100m sprints*

date	27-Aug-07	time	2.00	3.12	4.12	5.10	6.07	7.02	7.98	8.96	9.93	10.99	10.99	7 / 1					
reaction time	0.144	interval		1.12	1.00	0.98	0.97	0.95	0.96	0.98	0.97	1.06		# of strides	4.12	2.90	2.91		
wind	-0.1 m/s	velocity	5.00	8.93	10.00	10.20	10.31	10.53	10.42	10.20	10.31	9.43	9.10		48.2	7.28	10.34	10.31	

Carey, Annie (USA) (2004) (T44)

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

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

date	17-Sep-23	time	2.51	3.90	5.20	6.48	7.76	9.06	10.37	11.70	13.09	14.53	14.53	7 / 8			
reaction time	0.262	interval		1.39	1.30	1.28	1.28	1.30	1.31	1.33	1.39	1.44		# of strides	5.20	3.86	4.03
wind	0.7 m/s	velocity	3.98	7.19	7.69	7.81	7.81	7.69	7.63	7.52	7.19	6.94	6.88		5.77	7.77	7.44

Carmona, Maria (NCA) (1999) **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 Olympc Games - Results Book (2024)*

date	02-Aug-24	time	2.16	3.39	4.49	5.55	6.60	7.65	8.72	9.79	10.88	12.00	12.00	9 / 9			
reaction time	0.174	interval		1.23	1.10	1.06	1.05	1.05	1.07	1.07	1.09	1.12		# of strides	4.49	3.16	3.23
wind	-0.4 m/s	velocity	4.63	8.13	9.09	9.43	9.52	9.52	9.35	9.35	9.17	8.93	8.33	51.0	6.68	9.49	9.29

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

date	02-Aug-24	time	2.12	3.32	4.42	5.47	6.50	7.54	8.59	9.66	10.75	11.88	11.88	1 / 4			
reaction time	0.166	interval		1.20	1.10	1.05	1.03	1.04	1.05	1.07	1.09	1.13		# of strides	4.42	3.12	3.21
wind	1.1 m/s	velocity	4.72	8.33	9.09	9.52	9.71	9.62	9.52	9.35	9.17	8.85	8.42	51.0	6.79	9.62	9.35

Carter, Antonette (USA) (1984) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA) *USATF Women's Sprint Development (2003)*

date	22-Jun-03	time	2.20	3.40	4.45	5.49	6.54	7.55	8.59	9.64	10.74	11.79	11.79	4 / 5			
reaction time		interval		1.20	1.05	1.04	1.05	1.01	1.04	1.05	1.10	1.05		# of strides	4.45	3.10	3.19
wind	0.7 m/s	velocity	4.55	8.33	9.52	9.62	9.52	9.90	9.62	9.52	9.09	9.52	8.48		6.74	9.68	9.40

Carter, Khrystal (USA) (1988) **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	2.18	3.37	4.47	5.52	6.57	7.62	8.67	9.74	10.83	11.96	11.96	9 / 8			
reaction time		interval		1.19	1.10	1.05	1.05	1.05	1.07	1.09	1.13		# of strides	4.47	3.15	3.21	
wind	-1.1 m/s	velocity	4.59	8.40	9.09	9.52	9.52	9.52	9.35	9.17	8.85	8.36		6.71	9.52	9.35	

Čechová, Katerina (CZE) (1988) **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	2.11	3.22	4.26	5.25	6.24	7.24	8.26	9.28	10.31	11.37	11.37	4 / 1			
reaction time	0.147	interval		1.11	1.04	0.99	0.99	1.00	1.02	1.02	1.03	1.06		# of strides	4.26	2.98	3.07
wind	-0.2 m/s	velocity	4.74	9.01	9.62	10.10	10.10	10.00	9.80	9.80	9.71	9.43	8.80		7.04	10.07	9.77

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		3.22		5.30		7.32		8.34		11.46	11.46	4 / 1			
reaction time	0.147	interval				2.08		2.02		1.02		3.12		# of strides			
wind	-0.6 m/s	velocity		6.21		9.62		9.90		19.61		6.41	8.73				

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

date	25-Feb-12	time	2.08	3.24	4.28	5.31	6.29	7.30				7.30	7.30	4 / 1			
reaction time	0.176	interval		1.16	1.04	1.03	0.98	1.01				PB		# of strides	4.28	3.02	
		velocity	4.81	8.62	9.62	9.71	10.20	9.90				8.22			7.01	9.93	

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

date	25-Feb-12	time	2.11	3.25	4.33	5.35	6.35	7.36				7.35	7.35	4 / 1			
reaction time	0.150	interval		1.14	1.08	1.02	1.00	1.01						# of strides	4.33	3.03	
		velocity	4.74	8.77	9.26	9.80	10.00	9.90				8.16			6.93	9.90	

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

date	25-Feb-12	time	2.09	3.30	4.35	5.33	6.36	7.39				7.39	7.39	4 / 1			
reaction time	0.141	interval		1.21	1.05	0.98	1.03	1.03						# of strides	4.35	3.04	
		velocity	4.78	8.26	9.52	10.20	9.71	9.71				8.12			6.90	9.87	

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

date	14-Jun-09	time		3.28	4.35	5.38		7.46		9.60		11.75	11.75	/ 3			
reaction time	0.184	interval			1.07	1.03		2.08		2.14		2.15		# of strides	4.35	3.11	
wind	0.9 m/s	velocity		6.10	9.35	9.71		9.62		9.35		9.30	8.51		6.90	9.65	

Cederkvist, Astrid (NOR) (1994) **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		4.42				7.59		9.77		12.04	12.04	6 / 3			
reaction time		interval						3.17		2.18		2.27		# of strides	4.42	3.17	
wind	0.7 m/s	velocity		6.79				9.46		9.17		8.81	8.31		6.79	9.46	

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

date	31-Jul-11	time		4.54				7.70		9.91		12.21	12.21	4 / 2			
reaction time		interval						3.16		2.21		2.30		# of strides	4.54	3.16	
wind	1.2 m/s	velocity		6.61				9.49		9.05		8.70	8.19		6.61	9.49	

Černochová, Martina (CZE) (1994) **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*

FINAL - 2022 Commonwealth Games (Birmingham, GBR)													<i>Longines Timing (2022) - commonwealth games race analysis</i>				
date	03-Aug-22	time	3.1	5.1	7.1	9.1	11.17	11.17	3 / 4								
reaction time	0.143	interval		2.00	2.00	2.00	2.07	# of strides									
wind	0.4 m/s	velocity	6.45	10.00	10.00	10.00	9.66	8.95	52.0								

Chválková, Adéla (CZE) (1989) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>				
date	15-Jun-13	time	3.33	5.53	7.66	9.93	12.22	12.22	2 / 5								
reaction time	0.132	interval		2.20	2.13	2.27	2.29	# of strides									
wind	-0.6 m/s	velocity	6.01	9.09	9.39	8.81	8.73	8.18									

FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.17	3.38	4.47	5.54	6.59	7.68	7.68			2 / 8					
reaction time	0.170	interval	1.21	1.09	1.07	1.05	1.09	# of strides			4.47	3.21					
		velocity	4.61	8.26	9.17	9.35	9.52	9.17	7.81			6.71	9.35				

Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.13	3.34	4.43	5.52	6.57	7.65	7.65			2 / 4					
reaction time	0.160	interval	1.21	1.09	1.09	1.05	1.08	# of strides			4.43	3.22					
		velocity	4.69	8.26	9.17	9.17	9.52	9.26	7.84			6.77	9.32				

Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.18	3.42	4.53	5.60	6.68	7.76	7.76			2 / 4					
reaction time	0.181	interval	1.24	1.11	1.07	1.08	1.08	# of strides			4.53	3.23					
		velocity	4.59	8.06	9.01	9.35	9.26	7.73			6.62	9.29					

Clark, Tamara (USA) (1999) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)													<i>Omega Timing (2024) - diamond league race analysis</i>					
date	12-Jul-24	time	2.04	3.19	4.24	5.23	6.22	7.22	8.22	9.22	10.23	11.25	11.25	2 / 7				
reaction time	0.135	interval		1.15	1.05	0.99	0.99	1.00	1.00	1.00	1.01	1.02	# of strides			4.24	2.98	3.01
wind	-1.0 m/s	velocity	4.90	8.70	9.52	10.10	10.10	10.00	10.00	10.00	9.90	9.80	8.89	51.7	7.08	10.07	9.97	

FINAL - 2024 Meeting de Paris (Paris, FRA)													<i>Omega Timing (2024) - diamond league race analysis</i>					
date	07-Jul-24	time	2.00	3.18	4.22	5.23	6.23	7.22	8.22	9.22	10.23	11.32	11.32	4 / 5				
reaction time	0.168	interval		1.18	1.04	1.01	1.00	0.99	1.00	1.00	1.01	1.09	# of strides			4.22	3.00	3.01
wind	-2.0 m/s	velocity	5.00	8.47	9.62	9.90	10.00	10.10	10.00	10.00	9.90	9.17	8.83	51.2	7.11	10.00	9.97	

FINAL - 2023 Weltklasse (Zürich, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>					
date	31-Aug-23	time	2.01	3.17	4.22	5.23	6.22	7.20	8.19	9.19	10.20	11.23	11.23	9 / 8				
reaction time	0.136	interval		1.16	1.05	1.01	0.99	0.98	0.99	1.00	1.01	1.03	# of strides			4.22	2.98	3.00
wind	-0.2 m/s	velocity	4.98	8.62	9.52	9.90	10.10	10.20	10.10	10.00	9.90	9.71	8.90	52.2	7.11	10.07	10.00	

FINAL - 2022 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	02-Sep-22	time	3.14	5.15	7.09	9.03	11.03	11.03	2 / 6								
reaction time	0.142	interval		2.01	1.94	1.94	2.00	# of strides									
wind	0.6 m/s	velocity	6.37	9.95	10.31	10.31	10.00	9.07	51.2								

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	10-Aug-22	time	3.14	5.14	7.06	9.00	10.96	10.96	1 / 7								
reaction time	0.159	interval		2.00	1.92	1.94	1.96	# of strides									
wind	0.4 m/s	velocity	6.37	10.00	10.42	10.31	10.20	9.12	51.2								

Clayton, Tia (JAM) (2004) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

FINAL - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.00	3.12	4.14	5.12	6.10	7.07	8.05	9.04	10.06	11.09	11.09	8 / 6				
reaction time	0.136	interval		1.12	1.02	0.98	0.98	0.97	0.98	0.99	1.02	1.03	# of strides			4.14	2.93	2.99
wind	0.1 m/s	velocity	5.00	8.93	9.80	10.20	10.20	10.31	10.20	10.10	9.80	9.71	9.02	50.0	7.25	10.24	10.03	

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)													<i>Omega Timing (2024) - diamond league race analysis</i>					
date	25-Aug-24	time	1.96	3.07	4.08	5.05	5.99	6.93	7.88	8.84	9.82	10.83	10.83	8 / 1				
reaction time	0.162	interval		1.11	1.01	0.97	0.94	0.94	0.95	0.96	0.98	1.01	# of strides			4.08	2.85	2.89
wind	2.9 m/s	velocity	5.10	9.01	9.90	10.31	10.64	10.64	10.53	10.42	10.20	9.90	9.23	49.5	7.35	10.53	10.38	

FINAL - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>					
date	22-Aug-24	time	1.97	3.11	4.14	5.12	6.09	7.06	8.05	9.04	10.04	11.10	11.10	3 / 5				
reaction time	0.169	interval		1.14	1.03	0.98	0.97	0.97	0.99	0.99	1.00	1.06	# of strides			4.14	2.92	2.98
wind	-0.4 m/s	velocity	5.08	8.77	9.71	10.20	10.31	10.31	10.10	10.10	10.00	9.43	9.01	50.2	7.25	10.27	10.07	

FINAL - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	1.97	3.11	4.16	5.12	6.09	7.05	8.03	9.02	10.00	11.04	11.04	4 / 7			

reaction time	0.160	interval	1.14	1.05	0.96	0.97	0.96	0.98	0.99	0.98	1.04		# of strides	4.16	2.89	2.95	
wind	-0.1 m/s	velocity	5.08	8.77	9.52	10.42	10.31	10.42	10.20	10.10	10.20	9.62	9.06	50.2	7.21	10.38	10.17

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

Paris 2024 Olympc Games - Results Book (2024)

date	03-Aug-24	time	1.97	3.09	4.09	5.06	6.01	6.97	7.93	8.90	9.88	10.89	10.89		6 / 1		
reaction time	0.155	interval	1.12	1.00	0.97	0.95	0.96	0.96	0.97	0.98	1.01			# of strides	4.09	2.88	2.91
wind	0.2 m/s	velocity	5.08	8.93	10.00	10.31	10.53	10.42	10.42	10.31	10.20	9.90	9.18	50.2	7.33	10.42	10.31

Heat 4 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date	02-Aug-24	time	1.99	3.13	4.17	5.16	6.13	7.09	8.05	9.02	10.01	11.00	11.00		8 / 2		
reaction time	0.153	interval	1.14	1.04	0.99	0.97	0.96	0.96	0.97	0.99	0.99			# of strides	4.17	2.92	2.92
wind	1.2 m/s	velocity	5.03	8.77	9.62	10.10	10.31	10.42	10.42	10.31	10.10	10.10	9.09	50.0	7.19	10.27	10.27

Cola, Francesca (ITA) (1973)

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

date	23-Jun-01	time	3.35	4.45	5.51		7.58		9.66		11.80	11.80		8		
reaction time	0.164	interval		1.10	1.06		2.07		2.08		2.14		# of strides	4.45	3.13	
wind	1.8 m/s	velocity		5.97	9.09	9.43		9.66		9.62		9.35	8.47	6.74	9.58	

Colander, LaTasha (USA) (1976)

	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 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.08	3.19	4.23	5.19	6.14	7.11	8.04	9.00	9.97	10.97	10.97		3 / 1			
reaction time	0.175	interval		1.11	1.04	0.96	0.95	0.97	0.93	0.96	0.97	1.00	PB	# of strides	4.23	2.88	2.86	
wind	0.1 m/s	velocity		4.81	9.01	9.62	10.42	10.53	10.31	10.75	10.42	10.31	10.00	9.12	51.0	7.09	10.42	10.49

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.14	3.29	4.31	5.27	6.24	7.22	8.16	9.13	10.15	11.14	11.14		3 / 2 1			
reaction time		interval		1.15	1.02	0.96	0.97	0.98	0.94	0.97	1.02	0.99		# of strides	4.31	2.91	2.93	
wind	-0.7 m/s	velocity		4.67	8.70	9.80	10.42	10.31	10.20	10.64	10.31	9.80	10.10	8.98	51.0	6.96	10.31	10.24

Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.12	3.25	4.31	5.30	6.26	7.24	8.21	9.21	10.23	11.35	11.35		6 / 1			
reaction time		interval		1.13	1.06	0.99	0.96	0.98	0.97	1.00	1.02	1.12		# of strides	4.31	2.93	2.99	
wind	-1.6 m/s	velocity		4.72	8.85	9.43	10.10	10.42	10.20	10.31	10.00	9.80	8.93	8.81	51.2	6.96	10.24	10.03

Collier, Ashley (USA) (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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FINAL - 2008 USATF National Junior Championships (Columbus, OH)

USATF Women's Sprint Development with HPC (2008)

date	20-Jun-08	time	2.18	3.35	4.43	5.45	6.51	7.56	8.58	9.69	10.74	11.86	11.86		8 / 8		
reaction time		interval		1.17	1.08	1.02	1.06	1.05	1.02	1.11	1.05	1.12		# of strides	4.43	3.13	3.18
wind	1.3 m/s	velocity		4.59	8.55	9.26	9.80	9.43	9.52	9.80	9.01	9.52	8.93	8.43	6.77	9.58	9.43

Combe, Delphine (FRA) (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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Semi-Final 1 - 2002 European Championships (Munich, GER)Graubner (2009) - <http://www.fgs.uni-halle.de>

date	07-Aug-02	time	3.28	4.35	5.38		7.41		9.49		11.65	11.65		8		
reaction time	0.164	interval		1.07	1.03		2.03		2.08		2.16		# of strides	4.35	3.06	
wind	0.0 m/s	velocity		6.10	9.35	9.71		9.85		9.62		9.26	8.58	6.90	9.80	

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

date	06-Aug-02	time	3.25	4.31	5.34		7.34		9.37		11.45	11.45		3		
reaction time	0.154	interval		1.06	1.03		2.00		2.03		2.08		# of strides	4.31	3.03	
wind	0.3 m/s	velocity		6.15	9.43	9.71		10.00		9.85		9.62	8.73	6.96	9.90	

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

date	23-Jun-01	time	3.37	4.46	5.51		7.58		9.66		11.79	11.79		7		
reaction time	0.124	interval		1.09	1.05		2.07		2.08		2.13		# of strides	4.46	3.12	
wind	1.8 m/s	velocity		5.93	9.17	9.52		9.66		9.62		9.39	8.48	6.73	9.62	

Connolly, Ella (AUS) (2000)

	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 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date	02-Aug-24	time	2.06	3.18	4.23	5.23	6.19	7.19	8.17	9.18	10.23	11.29	11.29		6 / 6			
reaction time	0.140	interval		1.12	1.05	1.00	0.96	1.00	0.98	1.01	1.05	1.06		# of strides	4.23	2.96	3.04	
wind	1.5 m/s	velocity		4.85	8.93	9.52	10.00	10.42	10.00	10.20	9.90	9.52	9.43	8.86	48.0	7.09	10.14	9.87

Cunliffe, Hannah (USA) (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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FINAL - 2021 Doha Diamond League (Doha, QAT)Omega Timing (2021) - [diamond league race analysis](http://diamondleague.com)

date	28-May-21	time	3.2		5.2		7.2		9.2		11.22	11.22		7 / 5	
reaction time	0.135	interval			2.00		2.00		2.00		2.02		# of strides		
wind	1.1 m/s	velocity		6.25		10.00		10.00		10.00		9.90	8.91	50.0	

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

date	08-Feb-20	time	2.17	3.27	4.29	5.33	6.32	7.30				7.30		7 / 5	
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reaction time	0.147	interval	1.10	1.02	1.04	0.99	0.98										# of strides	4.29	3.01	
		velocity	4.61	9.09	9.80	9.62	10.10	10.20						8.22			31.0	6.99	9.97	
Cunningham, Nadia (JAM) (1978)	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	4.43			7.58		9.71		11.92	11.92	/ 2								
reaction time		interval				3.15		2.13		2.21			# of strides	4.43	3.15					
wind	1.0 m/s	velocity	6.77			9.52		9.39		9.05	8.39			6.77	9.52					
Cuthbert, Juliet (JAM) (1964)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
FINAL - 1992 Olympic Games (Barcelona, ESP)																	<i>Arnold (1992) - 1992 Olympic report: 100m men</i>			
date	01-Aug-92	time	3.12		5.09	6.97		8.91		10.83	10.83	3 / 2								
reaction time	0.163	interval			1.97	1.88		1.94		1.92	PB		# of strides							
wind	-1.0 m/s	velocity	6.41		10.15	10.64		10.31		10.42	9.23		49.5							
FINAL - 1988 Olympic Games (Seoul, KOR)																	<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>			
date	25-Sep-88	time	2.03	3.15	4.18	5.14	6.10	7.07	8.04	9.07	10.14	11.26	11.26	7 / 7						
reaction time	0.165	interval		1.12	1.03	0.96	0.96	0.97	0.97	1.03	1.07	1.12		# of strides	4.18	2.89	3.07			
wind	3.0 m/s	velocity	4.93	8.93	9.71	10.42	10.42	10.31	10.31	9.71	9.35	8.93	8.88	48.8	7.18	10.38	9.77			
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	25-Sep-88	time	2.05	3.21	4.25	5.23	6.18	7.13	8.11	9.10	10.10	11.10	11.10	2 / 4						
reaction time	0.156	interval		1.16	1.04	0.98	0.95	0.95	0.98	0.99	1.00	1.00		# of strides	4.25	2.88	2.97			
wind	0.5 m/s	velocity	4.88	8.62	9.62	10.20	10.53	10.53	10.20	10.10	10.00	10.00	9.01		7.06	10.42	10.10			
Dagry, Samantha (SUI) (1994)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)																	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	21-May-16	time				6.64					12.23	12.23	/ 4							
reaction time		interval									5.59		# of strides							
wind	-1.8 m/s	velocity				7.53					8.94	8.18								
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	27-Feb-16	time		4.47			7.65				7.65	7.65	/ 7							
reaction time		interval					3.18				=PB		# of strides	4.47	3.18					
		velocity		6.71			9.43				7.84	7.84	32.8	6.71	9.43					
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	27-Feb-16	time		4.48			7.65				7.65	7.65	/ 4							
reaction time		interval					3.17				PB		# of strides	4.48	3.17					
		velocity		6.70			9.46				7.84	7.84	6.70	9.46						
Daigle-Bowen, Angela (USA) (1976)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)																	<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	27-Jun-08	time	2.08	3.20	4.26	5.24	6.24	7.26	8.25	9.30	10.34	11.39	11.39	4 / 6						
reaction time		interval		1.12	1.06	0.98	1.00	1.02	0.99	1.05	1.04	1.05		# of strides	4.26	3.00	3.08			
wind	2.2 m/s	velocity	4.81	8.93	9.43	10.20	10.00	9.80	10.10	9.52	9.62	9.52	8.78		7.04	10.00	9.74			
Daigle, Angela (USA) (1976)	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	1.99	3.14	4.18	5.19	6.21	7.23	8.21	9.24	10.31	11.41	11.41	7 / 6						
reaction time		interval		1.15	1.04	1.01	1.02	1.02	0.98	1.03	1.07	1.10		# of strides	4.18	3.05	3.08			
wind	-1.6 m/s	velocity	5.03	8.70	9.62	9.90	9.80	9.80	10.20	9.71	9.35	9.09	8.76	52.5	7.18	9.84	9.74			
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)																	<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.02	3.14	4.14	5.11	6.13	7.11	8.06	9.04	10.04	11.09	11.09	6 / 2						
reaction time		interval		1.12	1.00	0.97	1.02	0.98	0.95	0.98	1.00	1.05		# of strides	4.14	2.97	2.93			
wind	2.1 m/s	velocity	4.95	8.93	10.00	10.31	9.80	10.20	10.53	10.20	10.00	9.52	9.02		7.25	10.10	10.24			
Heat 1 - 2005 USATF National Championships (Carson, CA)																	<i>USATF Women's Sprint Development (2005)</i>			
date	24-Jun-05	time	2.03	3.19	4.22	5.27	6.29	7.26	8.24	9.29	10.34	11.40	11.40	8 / 1						
reaction time		interval		1.16	1.03	1.05	1.02	0.97	0.98	1.05	1.05	1.06		# of strides	4.22	3.04	3.08			
wind	-2.0 m/s	velocity	4.93	8.62	9.71	9.52	9.80	10.31	10.20	9.52	9.52	9.43	8.77		7.11	9.87	9.74			
FINAL - 2004 USA Olympic Trials (Sacramento, CA)																	<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.03	3.15	4.17	5.19	6.16	7.14	8.14	9.16	10.17	11.23	11.23	8 / 8 7						
reaction time		interval		1.12	1.02	1.02	0.97	0.98	1.00	1.02	1.01	1.06	PB	# of strides	4.17	2.97	3.03			
wind	0.1 m/s	velocity	4.93	8.93	9.80	9.80	10.31	10.20	10.00	9.80	9.90	9.43	8.90	51.5	7.19	10.10	9.90			
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)																	<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.05	3.15	4.18	5.18	6.14	7.16	8.14	9.14	10.19	11.27	11.27	1 / 4 3						
reaction time		interval		1.10	1.03	1.00	0.96	1.02	0.98	1.00	1.05	1.08		# of strides	4.18	2.98	3.03			
wind	-0.7 m/s	velocity	4.88	9.09	9.71	10.00	10.42	9.80	10.20	10.00	9.52	9.26	8.87	51.5	7.18	10.07	9.90			

Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.07	3.15	4.17	5.19	6.17	7.18	8.17	9.23	10.29	11.42	11.42	7 / 3 2			
reaction time		interval		1.08	1.02	1.02	0.98	1.01	0.99	1.06	1.06	1.13		# of strides	4.17	3.01	3.11
wind	-1.0 m/s	velocity	4.83	9.26	9.80	9.80	10.20	9.90	10.10	9.43	9.43	8.85	8.76	52.0	7.19	9.97	9.65

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

USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.07	3.23	4.24	5.25	6.25	7.26	8.26	9.30	10.33	11.39	11.39	8 / 8 6			
reaction time		interval		1.16	1.01	1.01	1.00	1.01	1.00	1.04	1.03	1.06		# of strides	4.24	3.02	3.07
wind	-1.1 m/s	velocity	4.83	8.62	9.90	9.90	10.00	9.90	10.00	9.62	9.71	9.43	8.78	7.08	9.93	9.77	

Daniels, Teahna (USA) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2023 FBK Games (Hengelo, NED)**

Omega Timing (2023) - continental tour race analysis

date	04-Jun-23	time	2.08	3.24	4.30	5.31	6.31	7.32	8.35	9.39	10.44	11.57	11.57	3 / 9			
reaction time		interval		1.16	1.06	1.01	1.00	1.01	1.03	1.04	1.05	1.13		# of strides	4.30	3.02	3.12
wind	-0.1 m/s	velocity	4.81	8.62	9.43	9.90	10.00	9.90	9.71	9.62	9.52	8.85	8.64	49.0	6.98	9.93	9.62

FINAL - 2022 Prefontaine Classic (Eugene, OR)

Omega Timing (2022) - diamond league race analysis

date	28-May-22	time		3.15		5.17		7.13		9.09		11.13	11.13	8 / 8
reaction time	0.131	interval				2.02		1.96		1.96		2.04		# of strides
wind	0.7 m/s	velocity		6.35		9.90		10.20		10.20		9.80	8.98	49.0

FINAL - 2021 Prefontaine Classic (Eugene, OR)

Omega Timing (2021) - diamond league race analysis

date	21-Aug-21	time		3.1		5.1		7.0		8.9		10.83	10.83	1 / 4
reaction time	0.129	interval				2.00		1.90		1.90		1.93	PB	# of strides
wind	0.9 m/s	velocity		6.45		10.00		10.53		10.53		10.36	9.23	48.0

FINAL - 2020 Olympic Games (Tokyo, JPN)

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

date	31-Jul-21	time		4.17		7.08		9.03		11.02		11.02	11.02	3 / 7		
reaction time	0.144	interval				2.91		3.94		1.99				# of strides	4.17	2.91
wind	-0.6 m/s	velocity		7.19		10.31		5.08		10.05		9.07	9.07	48.0	7.19	10.31

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

date	08-Feb-20	time	2.17	3.26	4.30	5.29	6.29	7.29				7.29	7.29	4 / 4		
reaction time	0.162	interval		1.09	1.04	0.99	1.00	1.00						# of strides	4.30	2.99
		velocity	4.61	9.17	9.62	10.10	10.00	10.00				8.23	8.23	31.2	6.98	10.03

FINAL - 2019 Meeting de Paris (Paris, FRA)

Omega Timing (2019) - diamond league race analysis

date	24-Aug-19	time				6.2						11.16	11.16	3 / 4
reaction time	0.158	interval										4.96	4.96	# of strides
wind	-0.2 m/s	velocity				8.06						10.08	8.96	48.0

FINAL - 2019 Müller Grand Prix (Birmingham, GBR)

Omega Timing (2019) - diamond league race analysis

date	18-Aug-19	time		3.2		5.2		7.2		9.2		11.24	11.24	5 / 3
reaction time	0.132	interval				2.0		2.0		2.0		2.04	2.04	# of strides
wind	-0.9 m/s	velocity		6.25		10.00		10.00		10.00		9.80	8.90	48.0

David, Chloe (VAN) (2005)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Prelim 3 - 2024 Olympic Games (Paris, FRA)**

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.16	3.42	4.55	5.64	6.72	7.82	8.93	10.07	11.25	12.44	12.44	5 / 6			
reaction time	0.153	interval		1.26	1.13	1.09	1.08	1.10	1.11	1.14	1.18	1.19	PB	# of strides	4.55	3.27	3.43
wind	1.1 m/s	velocity	4.63	7.94	8.85	9.17	9.26	9.09	9.01	8.77	8.47	8.40	8.04	50.0	6.59	9.17	8.75

Davies, Samantha (GBR) (1979)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****C FINAL - 2001 European Cup (Bremen, GER)**Graubner (2007) - <http://www.fgs.uni-halle.de>

date	23-Jun-01	time		3.31	4.39	5.44		7.52		9.62		11.77	11.77	/ 6		
reaction time	0.173	interval			1.08	1.05		2.08		2.10		2.15	2.15	# of strides	4.39	3.13
wind	-0.2 m/s	velocity		6.04	9.26	9.52		9.62		9.52		9.30	8.50	6.83	9.58	

Davies, Thelma (LBR) (2000)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 1 - 2024 Olympic Games (Paris, FRA)**

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.05	3.24	4.30	5.32	6.32	7.32	8.39	9.52	10.71	12.05	12.05	2 / 9			
reaction time	0.158	interval		1.19	1.06	1.02	1.00	1.00	1.07	1.13	1.19	1.34		# of strides	4.30	3.02	3.39
wind	0.1 m/s	velocity	4.88	8.40	9.43	9.80	10.00	10.00	9.35	8.85	8.40	7.46	8.30	51.0	6.98	9.93	8.85

Davin, Elisabeth (BEL) (1981)**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		4.36		7.49		9.60		11.83		11.83	11.83	/ 5		
reaction time		interval				3.13		2.11		2.23				# of strides	4.36	3.13
wind	2.4 m/s	velocity		6.88		9.58		9.48		8.97		8.45	8.45	6.88	9.58	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Davis, Candice (USA) (1985)																	
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	2.11	3.30	4.39	5.45	6.49	7.54	8.61	9.69	10.79	11.89	11.89	/ 2			
reaction time		interval		1.19	1.09	1.06	1.04	1.05	1.07	1.08	1.10	1.10		# of strides	4.39	3.15	3.25
wind	-0.6 m/s	velocity	4.74	8.40	9.17	9.43	9.62	9.52	9.35	9.26	9.09	9.09	8.41		6.83	9.52	9.23
Davis, Kristina (USA) (1988)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
date	23-Jun-05	time	2.12	3.29	4.39	5.46	6.52	7.58	8.63	9.71	10.75	11.67	11.87	2 / 4			
reaction time		interval		1.17	1.10	1.07	1.06	1.06	1.05	1.08	1.04	0.92		# of strides	4.39	3.19	3.17
wind	-1.1 m/s	velocity	4.72	8.55	9.09	9.35	9.43	9.43	9.52	9.26	9.62	10.87	8.42		6.83	9.40	9.46
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>					
date	22-Jun-03	time	2.15	3.32	4.40	5.47	6.54	7.57	8.59	9.68	10.79	11.89	11.89	3 / 6			
reaction time		interval		1.17	1.08	1.07	1.07	1.03	1.02	1.09	1.11	1.10		# of strides	4.40	3.17	3.22
wind	0.7 m/s	velocity	4.65	8.55	9.26	9.35	9.35	9.71	9.80	9.17	9.01	9.09	8.41		6.82	9.46	9.32
Davis, Iris (USA) (1950)																	
FINAL - 1972 Olympic Games (Munich, FRG)												<i>Breizer (1984) - sprint competition analysis</i>					
date	02-Sep-72	time			4.18			7.20		9.25		11.32	11.32	4 / 4			
reaction time		interval						3.02		2.05		2.07		# of strides	4.18	3.02	
wind	-0.2 m/s	velocity			7.18			9.93		9.76		9.66	8.83		51.5	7.18	9.93
Davis, Tamari (USA) (2003)																	
FINAL - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	13-Sep-24	time	1.98	3.11	4.14	5.14	6.13	7.12	8.11	9.12	10.15	11.21	11.21	3 / 7			
reaction time	0.131	interval		1.13	1.03	1.00	0.99	0.99	0.99	1.01	1.03	1.06		# of strides	4.14	2.98	3.03
wind	0.2 m/s	velocity	5.05	8.85	9.71	10.00	10.10	10.10	10.10	9.90	9.71	9.43	8.92		47.0	7.25	10.07
FINAL - 2024 Weltklasse (Zürich, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.00	3.13	4.16	5.15	6.13	7.10	8.08	9.06	10.06	11.06	11.06	1 / 5			
reaction time	0.136	interval		1.13	1.03	0.99	0.98	0.97	0.98	0.98	1.00	1.00		# of strides	4.16	2.94	2.96
wind	0.1 m/s	velocity	5.00	8.85	9.71	10.10	10.20	10.31	10.20	10.20	10.00	10.00	9.04		47.0	7.21	10.20
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	25-Aug-24	time	1.93	3.05	4.07	5.05	6.00	6.95	7.91	8.88	9.85	10.84	10.84	4 / 3			
reaction time	0.118	interval		1.12	1.02	0.98	0.95	0.95	0.96	0.97	0.97	0.99		# of strides	4.07	2.88	2.90
wind	2.9 m/s	velocity	5.18	8.93	9.80	10.20	10.53	10.53	10.42	10.31	10.31	10.10	9.23		47.0	7.37	10.42
FINAL - 2024 Athletissima (Lausanne, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	22-Aug-24	time	1.95	3.10	4.12	5.10	6.07	7.03	7.99	8.97	9.96	10.97	10.97	7 / 2			
reaction time	0.135	interval		1.15	1.02	0.98	0.97	0.96	0.96	0.98	0.99	1.01		# of strides	4.12	2.91	2.93
wind	-0.4 m/s	velocity	5.13	8.70	9.80	10.20	10.31	10.42	10.42	10.20	10.10	9.90	9.12		47.5	7.28	10.31
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	12-Jul-24	time	2.00	3.13	4.15	5.14	6.11	7.07	8.03	9.00	9.99	10.99	10.99	7 / 2			
reaction time	0.155	interval		1.13	1.02	0.99	0.97	0.96	0.96	0.97	0.99	1.00		# of strides	4.15	2.92	2.92
wind	-1.0 m/s	velocity	5.00	8.85	9.80	10.10	10.31	10.42	10.42	10.31	10.10	10.00	9.10		47.0	7.23	10.27
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	10-May-24	time	1.97	3.08	4.10	5.08	6.04	7.01	7.99	8.98	9.98	10.99	10.99	3 / 2			
reaction time	0.122	interval		1.11	1.02	0.98	0.96	0.97	0.98	0.99	1.00	1.01		# of strides	4.10	2.91	2.97
wind	2.0 m/s	velocity	5.08	9.01	9.80	10.20	10.42	10.31	10.20	10.10	10.00	9.90	9.10		47.7	7.32	10.31
FINAL - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.03				5.02		6.94		8.89	10.94	1 / 4			
reaction time	0.115	interval						1.99		1.92		1.95	2.05	# of strides			
wind	0.0 m/s	velocity		6.60				10.05		10.42		10.26	9.76		48.0		
Davis-Thompson, Pauline (BAH) (196																	
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	25-Sep-88	time	2.07	3.20	4.27	5.28	6.27	7.23	8.19	9.16	10.13	11.12	11.12	1 / 6			
reaction time	0.203	interval		1.13	1.07	1.01	0.99	0.96	0.96	0.97	0.97	0.99		# of strides	4.27	2.96	2.90
wind	2.6 m/s	velocity	4.83	8.85	9.35	9.90	10.10	10.42	10.42	10.31	10.31	10.10	8.99		7.03	10.14	10.34
de Moura, Lucimar (BRA) (1974)																	
Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	16-Aug-09	time		3.19	4.24	5.26		7.30		9.32		11.44	11.44	8 / 5			
reaction time	0.153	interval			1.05	1.02		2.04		2.02		2.12		# of strides	4.24	3.06	
wind	-0.4 m/s	velocity		6.27	9.52	9.80		9.80		9.90		9.43	8.74		7.08	9.80	

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

date	16-Aug-09	time	3.21	4.27	5.29	7.33	9.32	11.41	11.41	2 / 1
reaction time	0.129	interval		1.06	1.02	2.04	1.99	2.09		# of strides 4.27 3.06
wind	0.1 m/s	velocity	6.23	9.43	9.80	9.80	10.05	9.57	8.76	7.03 9.80

*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships***de Raedt, Jana (BEL) (2007)**

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)	<i>Omega Timing (2023) - diamond league race analysis</i>													
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date	08-Sep-23	time	2.19	3.41	4.50	5.58	6.64	7.70	8.78	9.87	10.97	12.11	12.11	6 / 4
reaction time	0.188	interval		1.22	1.09	1.08	1.06	1.06	1.08	1.09	1.10	1.14		# of strides 4.50 3.20 3.27
wind	0.4 m/s	velocity	4.57	8.20	9.17	9.26	9.43	9.43	9.26	9.17	9.09	8.77	8.26	6.67 9.38 9.17

Del Ponte, Aja (SUI) (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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FINAL - 2022 Meeting de Paris (Paris, FRA)	<i>Omega Timing (2022) - diamond league race analysis</i>													
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date	18-Jun-22	time	3.18	5.22	7.22	9.24	11.34	11.34	6 / 8
reaction time	0.143	interval		2.04	2.00	2.02	2.10		# of strides
wind	0.5 m/s	velocity	6.29	9.80	10.00	9.90	9.52	8.82	50.5

FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)

	<i>Omega Timing (2022) - diamond league race analysis</i>													
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date	05-Jun-22	time	3.19	5.24	7.24	9.28	11.42	11.42	7 / 5
reaction time	0.125	interval		2.05	2.00	2.04	2.14		# of strides
wind	0.3 m/s	velocity	6.27	9.76	10.00	9.80	9.35	8.76	51.0

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)

	<i>Omega Timing (2022) - diamond league race analysis</i>													
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date	21-May-22	time	3.24	5.36	7.44	9.55	11.72	11.72	8 / 9
reaction time	0.138	interval		2.12	2.08	2.11	2.17		# of strides
wind	-0.1 m/s	velocity	6.17	9.43	9.62	9.48	9.22	8.53	51.7

FINAL - 2021 Weltklasse (Zürich, SUI)

	<i>Omega Timing (2021) - diamond league race analysis</i>													
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date	09-Sep-21	time	3.2	5.1	7.1	9.0	10.93	10.93	6 / 3
reaction time	0.116	interval		1.90	2.00	1.90	1.93		# of strides
wind	0.6 m/s	velocity	6.25	10.53	10.00	10.53	10.36	9.15	50.5

FINAL - 2021 Athletissima (Lausanne, SUI)

	<i>Omega Timing (2021) - diamond league race analysis</i>													
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date	26-Aug-21	time	3.2	5.2	7.1	9.0	10.97	10.97	2 / 6
reaction time	0.129	interval		2.00	1.90	1.90	1.97		# of strides
wind	1.7 m/s	velocity	6.25	10.00	10.53	10.53	10.15	9.12	49.7

FINAL - 2020 Olympic Games (Tokyo, JPN)

	<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>													
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date	31-Jul-21	time	4.14	7.04	8.99	10.97	10.97	8 / 5
reaction time	0.129	interval		2.90	3.93	1.98		# of strides 4.14 2.90
wind	-0.6 m/s	velocity	7.25	10.34	5.09	10.10	9.12	49.7 7.25 10.34

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

	<i>Omega Timing (2021) - diamond league race analysis</i>													
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date	13-Jul-21	time	3.3	5.3	7.2	9.2	11.19	11.19	5 / 1
reaction time	0.178	interval		2.00	1.90	2.00	1.99		# of strides
wind	1.5 m/s	velocity	6.06	10.00	10.53	10.00	10.05	8.94	

FINAL - 2021 Doha Diamond League (Doha, QAT)

	<i>Omega Timing (2021) - diamond league race analysis</i>													
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date	28-May-21	time	3.2	5.3	7.3	9.3	11.36	11.36	8 / 7
reaction time	0.132	interval		2.10	2.00	2.00	2.06		# of strides
wind	1.1 m/s	velocity	6.25	9.52	10.00	10.00	9.71	8.80	50.2

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

	<i>Omega Timing (2020) - diamond league race analysis</i>													
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date	17-Sep-20	time	3.2	5.2	7.2	9.2	11.19	11.19	6 / 4
reaction time	0.121	interval		2.00	2.00	2.00	1.99		# of strides
wind	0.2 m/s	velocity	6.25	10.00	10.00	10.00	10.05	8.94	50.0

FINAL - 2020 Bauhaus Galan (Stockholm, SWE)

	<i>Omega Timing (2020) - diamond league race analysis</i>													
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date	23-Aug-20	time	3.3	5.3	7.2	9.2	11.20	11.20	5 / 1
reaction time	0.150	interval		2.00	1.90	2.00	2.00		# of strides
wind	1.3 m/s	velocity	6.06	10.00	10.53	10.00	10.00	8.93	50.2

FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)

	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>													
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date	07-May-16	time	6.46	11.85	11.85	/ 3
reaction time		interval		5.39		# of strides
wind	0.4 m/s	velocity	7.74	9.28	8.44	

FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)

	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>													
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date	27-Feb-16	time	4.38	7.52	7.52	/ 4
reaction time		interval		3.14		# of strides 4.38 3.14
		velocity	6.85	9.55	7.98	32.8 6.85 9.55

Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)*Swiss Athletics (2016) - sprint and hurdle analysis*

date	27-Feb-16	time	4.42	7.56	7.56	/ 2												
reaction time		interval		3.14			# of strides	4.42	3.14									
		velocity	6.79	9.55				7.94	6.79	9.55								

Devers, Gail (USA) (1966)

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

date	10-Jul-04	time	2.04	3.11	4.16	5.13	6.08	7.07	8.04	9.04	10.05	11.11	11.11	1 / 4 3				
reaction time	0.145	interval		1.07	1.05	0.97	0.95	0.99	0.97	1.00	1.01	1.06		# of strides	4.16	2.91	2.98	
wind	0.1 m/s	velocity	4.90	9.35	9.52	10.31	10.53	10.10	10.31	10.00	9.90	9.43	9.00	48.0	7.21	10.31	10.07	

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	10-Jul-04	time	2.07	3.16	4.16	5.16	6.12	7.11	8.09	9.09	10.11	11.18	11.18	5 / 4 3				
reaction time		interval		1.09	1.00	1.00	0.96	0.99	0.98	1.00	1.02	1.07		# of strides	4.16	2.95	3.00	
wind	-0.1 m/s	velocity	4.83	9.17	10.00	10.00	10.42	10.10	10.20	10.00	9.80	9.35	8.94	48.0	7.21	10.17	10.00	

Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	09-Jul-04	time	2.05	3.16	4.19	5.21	6.17	7.17	8.16	9.18	10.24	11.36	11.36	4 / 2 1				
reaction time		interval		1.11	1.03	1.02	0.96	1.00	0.99	1.02	1.06	1.12		# of strides	4.19	2.98	3.07	
wind	-1.0 m/s	velocity	4.88	9.01	9.71	9.80	10.42	10.00	10.10	9.80	9.43	8.93	8.80	48.7	7.16	10.07	9.77	

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

date	20-Jun-03	time	2.10	3.17	4.19	5.19	6.16	7.14	8.11	9.11	10.14	11.16	11.16	6 / 3 2				
reaction time		interval		1.07	1.02	1.00	0.97	0.98	0.97	1.00	1.03	1.02		# of strides	4.19	2.95	3.00	
wind	-1.1 m/s	velocity	4.76	9.35	9.80	10.00	10.31	10.20	10.31	10.00	9.71	9.80	8.96		7.16	10.17	10.00	

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

date	22-Aug-99	time	1.84	2.94	3.94	4.93	5.87	6.84	7.82	8.79	9.79	10.83	10.95	6 / 5				
reaction time	0.125	interval		1.10	1.00	0.99	0.94	0.97	0.98	0.97	1.00	1.04		# of strides	3.94	2.90	2.95	
wind	-0.1 m/s	velocity	5.43	9.09	10.00	10.10	10.64	10.31	10.20	10.31	10.00	9.62	9.13		7.61	10.34	10.17	

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

date	15-Jun-96	time	1.89		4.10		5.98			9.85	10.91	10.91	10.91	3 / 2				
reaction time		interval			2.21		1.88			3.87	1.06			# of strides	4.10			
wind	1.1 m/s	velocity	5.29		9.05		10.64			10.34	9.43	9.17		48.5	7.32			

Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)*USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.96		4.04		6.04			9.96	10.98	10.98	10.98	3 / 2				
reaction time		interval			2.08		2.00			3.92	1.02			# of strides	4.04			
wind	1.1 m/s	velocity	5.10		9.62		10.00			10.20	9.80	9.11		48.8	7.43			

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

date	16-Aug-93	time		4.09			6.95		8.86		10.82	10.82	10.82	5 / 1				
reaction time	0.149	interval				2.86		1.91		1.96	CR / =PB			# of strides	4.09	2.86		
wind	0.3 m/s	velocity		7.33			10.49		10.47		10.20	9.24		47.2	7.33	10.49		

Devers-Roberts, Gail (USA) (1966)*Arnold (1992) - 1992 Olympic report: 100m men*

date	01-Aug-92	time		3.06		5.03		6.93		8.87		10.82	10.82	2 / 1				
reaction time	0.138	interval				1.97		1.90		1.94		1.95	PB	# of strides				
wind	-1.0 m/s	velocity		6.54		10.15		10.53		10.31		10.26	9.24	48.2				

Dia, N'Deye Binta (SEN) (1973)

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

date	10-Feb-96	time	2.06	3.24	4.31	5.36	6.42	7.46			7.46		7.46	/ 5				
reaction time		interval		1.18	1.07	1.05	1.06	1.04						# of strides	4.31	3.15		
		velocity	4.85	8.47	9.35	9.52	9.43	9.62					8.04		6.96	9.52		

Heat 2 - 1996 International French Championships (Bercy, FRA)*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	2.10	3.28	4.35	5.39	6.43	7.47			7.47		7.47	/ 4				
reaction time		interval		1.18	1.07	1.04	1.04	1.04						# of strides	4.35	3.12		
		velocity	4.76	8.47	9.35	9.62	9.62	9.62					8.03		6.90	9.62		

Diamond, Emily (GBR) (1991)

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

date	08-Aug-10	time		4.46		7.63		9.71		11.86	11.86	11.86	11.86	/ 6				
reaction time		interval				3.17		2.08		2.15				# of strides	4.46	3.17		
wind	2.4 m/s	velocity		6.73		9.46		9.62		9.30	8.43				6.73	9.46		

Dietsche, Riccarda (SUI) (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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B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)*Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time	3.3	5.3	7.3	9.4	11.52	11.52	7 / 5
reaction time	0.162	interval		2.00	2.00	2.10	2.12		# of strides
wind	2.7 m/s	velocity	6.06	10.00	10.00	9.52	9.43	8.68	

Dogbo, Marie-Joëlle (FRA) (1975) 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	2.09	3.26	4.32	5.35	6.37	7.39		7.39		1 / 3			
reaction time		interval		1.17	1.06	1.03	1.02	1.02				# of strides	4.32	3.07	
wind		velocity	4.78	8.55	9.43	9.71	9.80	9.80		8.12			6.94	9.77	

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	2.02	3.28	4.35	5.39	6.40	7.43		7.43		1 / 2			
reaction time		interval		1.26	1.07	1.04	1.01	1.03				# of strides	4.35	3.08	
wind		velocity	4.95	7.94	9.35	9.62	9.90	9.71		8.08			6.90	9.74	

Doi, Anna (JPN) (1995) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

date	05-Oct-19	time			4.31		6.38			11.74	11.74	4 / 3			
reaction time	0.156	interval				2.07				5.36		# of strides	4.31		
wind	1.1 m/s	velocity			6.96		3.13			9.33	8.52		53.2	6.96	

FINAL - 2019 Japanese National Championships (Fukuoka, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Jun-19	time	2.02	3.19	4.26	5.30	6.32	7.35	8.40	9.47	10.58	11.72	11.72	6 / 2			
reaction time	0.131	interval		1.17	1.07	1.04	1.02	1.03	1.05	1.07	1.11	1.14		# of strides	4.26	3.09	3.23
wind	0.6 m/s	velocity	4.95	8.55	9.35	9.62	9.80	9.71	9.52	9.35	9.01	8.77	8.53	54.4	7.04	9.71	9.29

FINAL - 2019 Fuse Sprint (Tottori, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	02-Jun-19	time	1.99	3.15	4.22	5.25	6.27	7.29	8.32	9.37	10.45	11.55	11.55	5 / 1			
reaction time	0.118	interval		1.16	1.07	1.03	1.02	1.02	1.03	1.05	1.08	1.10		# of strides	4.22	3.07	3.16
wind	-2.2 m/s	velocity	5.03	8.62	9.35	9.71	9.80	9.80	9.71	9.52	9.26	9.09	8.66	54.6	7.11	9.77	9.49

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	19-May-19	time	2.00	3.17	4.25	5.29	6.33	7.38	8.43	9.50	10.60	11.72	11.72	4 / 5			
reaction time	0.130	interval		1.17	1.08	1.04	1.04	1.05	1.05	1.07	1.10	1.12		# of strides	4.25	3.13	3.22
wind	-2.2 m/s	velocity	5.00	8.55	9.26	9.62	9.62	9.52	9.52	9.35	9.09	8.93	8.53	55.0	7.06	9.58	9.32

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Apr-19	time	2.04	3.22	4.29	5.31	6.33	7.35	8.38	9.43	10.52	11.64	11.64	4 / 3			
reaction time		interval		1.18	1.07	1.02	1.02	1.02	1.03	1.05	1.09	1.12		# of strides	4.29	3.06	3.17
wind	1.9 m/s	velocity	4.90	8.47	9.35	9.80	9.80	9.80	9.71	9.52	9.17	8.93	8.59	54.2	6.99	9.80	9.46

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

date	28-Jun-15	time	2.06	3.21	4.28	5.33	6.39	7.44	8.50	9.59	10.70	11.83	11.83	5 / 3			
reaction time	0.156	interval		1.15	1.07	1.05	1.06	1.05	1.06	1.09	1.11	1.13		# of strides	4.28	3.16	3.26
wind	-0.3 m/s	velocity	4.85	8.70	9.35	9.52	9.43	9.52	9.43	9.17	9.01	8.85	8.45	54.0	7.01	9.49	9.20

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

date	27-Jun-15	time	1.98	3.15	4.23	5.27	6.30	7.35	8.41	9.49	10.59	11.72	11.72	3 / 1			
reaction time	0.142	interval		1.17	1.08	1.04	1.03	1.05	1.06	1.08	1.10	1.13		# of strides	4.23	3.12	3.24
wind	-0.5 m/s	velocity	5.05	8.55	9.26	9.62	9.71	9.52	9.43	9.26	9.09	8.85	8.53	54.0	7.09	9.62	9.26

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

date	19-Apr-15	time	2.04	3.20	4.27	5.31	6.35	7.40	8.45	9.53	10.62	11.74	11.74	5 / 3			
reaction time		interval		1.16	1.07	1.04	1.04	1.05	1.05	1.08	1.09	1.12		# of strides	4.27	3.13	3.22
wind	-0.2 m/s	velocity	4.90	8.62	9.35	9.62	9.62	9.52	9.52	9.26	9.17	8.93	8.52	54.2	7.03	9.58	9.32

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

date	19-Apr-15	time	2.06	3.22	4.29	5.33	6.37	7.41	8.46	9.54	10.63	11.75	11.75	6 / 1			
reaction time		interval		1.16	1.07	1.04	1.04	1.04	1.05	1.08	1.09	1.12		# of strides	4.29	3.12	3.22
wind	0.2 m/s	velocity	4.85	8.62	9.35	9.62	9.62	9.62	9.52	9.26	9.17	8.93	8.51	54.5	6.99	9.62	9.32

Heat 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	07-Jun-14	time	2.05	3.19	4.24	5.27	6.29	7.31	8.35	9.41	10.48	11.58	11.58	4 / 1			
reaction time		interval		1.14	1.05	1.03	1.02	1.02	1.04	1.06	1.07	1.10		# of strides	4.24	3.07	3.17
wind	0.7 m/s	velocity	4.88	8.77	9.52	9.71	9.80	9.80	9.62	9.43	9.35	9.09	8.64	54.4	7.08	9.77	9.46

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

date	11-May-14	time	2.05	3.21	4.27	5.31	6.34	7.38	8.42	9.49	10.57	11.68	11.68	6 / 5			
reaction time		interval		1.16	1.06	1.04	1.03	1.04	1.04	1.07	1.08	1.11		# of strides	4.27	3.11	3.19
wind	-0.8 m/s	velocity	4.88	8.62	9.43	9.62	9.71	9.62	9.62	9.35	9.26	9.01	8.56	53.0	7.03	9.65	9.40

A FINAL - 2014 Miko Oda Memorial (Hiroshima, JPN)

date	29-Apr-14	time	2.04	3.19	4.24	5.26	6.27	7.29	8.33	9.39	10.46	11.57	11.57	6 / 3				
reaction time		interval		1.15	1.05	1.02	1.01	1.02	1.04	1.06	1.07	1.11		# of strides	4.24	3.05	3.17	
wind	1.5 m/s	velocity	4.90	8.70	9.52	9.80	9.90	9.80	9.62	9.43	9.35	9.01	8.64	54.4	7.08	9.84	9.46	

*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race***Heat 2 - 2014 Miko Oda Memorial (Hiroshima, JPN)**

date	29-Apr-14	time	2.07	3.22	4.26	5.27	6.27	7.27	8.30	9.35	10.41	11.50	11.50	6 / 1				
reaction time		interval		1.15	1.04	1.01	1.00	1.00	1.03	1.05	1.06	1.09		# of strides	4.26	3.01	3.14	
wind	2.4 m/s	velocity	4.83	8.70	9.62	9.90	10.00	10.00	9.71	9.52	9.43	9.17	8.70	54.4	7.04	9.97	9.55	

*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race***FINAL - 2013 Japanese National High School Championships (Oita, JPN)**

date	31-Jul-13	time	2.10	3.26	4.32	5.35	6.38	7.41	8.46	9.51	10.60	11.70	11.70	/ 1				
reaction time		interval		1.16	1.06	1.03	1.03	1.03	1.05	1.05	1.09	1.10		# of strides	4.32	3.09	3.19	
wind	-0.5 m/s	velocity	4.76	8.62	9.43	9.71	9.71	9.71	9.52	9.52	9.17	9.09	8.55		6.94	9.71	9.40	

*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data***Heat 3 - 2012 Japanese National Championships (Osaka, JPN)**

date	08-Jun-12	time	2.05	3.18	4.22	5.23	6.23	7.24	8.26	9.31	10.37	11.47	11.47	4 / 1				
reaction time		interval		1.13	1.04	1.01	1.00	1.01	1.02	1.05	1.06	1.10		# of strides	4.22	3.02	3.13	
wind	2.2 m/s	velocity	4.88	8.85	9.62	9.90	10.00	9.90	9.80	9.52	9.43	9.09	8.72	54.2	7.11	9.93	9.58	

*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013***FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)**

date	04-Aug-11	time				6.45	7.49	8.54	9.63	10.75	11.88	11.88	7 / 1					
reaction time		interval					1.04	1.05	1.09	1.12	1.13		# of strides					3.26
wind	-1.0 m/s	velocity				7.75	9.62	9.52	9.17	8.93	8.85	8.42						9.20

*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics***Heat 3 - 2011 Japanese National Championships (Kumagaya, JPN)**

date	10-Jun-11	time	2.08	3.23	4.29	5.33	6.36	7.41	8.46	9.54	10.63	11.75	11.75	/ 2				
reaction time		interval		1.15	1.06	1.04	1.03	1.05	1.05	1.08	1.09	1.12		# of strides	4.29	3.12	3.22	
wind	0.6 m/s	velocity	4.81	8.70	9.43	9.62	9.71	9.52	9.52	9.26	9.17	8.93	8.51	54.4	6.99	9.62	9.32	

*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride***Doležalová, Bára (CZE) (1996)**

		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	2.29	3.53	4.70	5.81	6.93	8.06	9.20	10.34	11.52	12.77	12.77	7 / 5				
reaction time	0.259	interval		1.24	1.17	1.11	1.12	1.13	1.14	1.14	1.18	1.25		# of strides	4.70	3.36	3.46	
wind	-4.5 m/s	velocity	4.37	8.06	8.55	9.01	8.93	8.85	8.77	8.77	8.47	8.00	7.83		6.38	8.93	8.67	

*Fehér (2014) - Final report from the U18 & U20 Czech Republic national championships***Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)**

date	28-Jun-14	time		3.48		5.74		7.95		10.21		12.57	12.57	5 / 2				
reaction time	0.216	interval				2.26		2.21		2.26		2.36		# of strides				
wind	-3.2 m/s	velocity		5.75		8.85		9.05		8.85		8.47	7.96					

*Fehér (2014) - Final report from the U18 & U20 Czech Republic national championships***Dolvik, Anne (NOR) (1988)**

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
C FINAL - 2013 Windsprint (Sundsvall, SWE)																		
date	28-Jul-13	time			4.60		7.84		10.00		12.23	12.23	2 / 4					
reaction time		interval					3.24		2.16		2.23		# of strides	4.60	3.24			
wind	-0.1 m/s	velocity			6.52		9.26		9.26		8.97	8.18		6.52	9.26			

*(2013) - www.ssg.se/windsprint/Splittider/***Domská, Lucie (CZE) (1993)**

		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	2.22	3.39	4.49	5.56	6.62	7.69	8.78	9.87	10.97	12.09	12.09	8 / 8				
reaction time	0.171	interval		1.17	1.10	1.07	1.06	1.07	1.09	1.09	1.10	1.12		# of strides	4.49	3.20	3.28	
wind	-0.2 m/s	velocity	4.50	8.55	9.09	9.35	9.43	9.35	9.17	9.17	9.09	8.93	8.27		6.68	9.38	9.15	

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

date	15-Jun-13	time		3.41		5.61		7.75		9.92		12.12	12.12	5 / 2				
reaction time	0.153	interval				2.20		2.14		2.17		2.20		# of strides				
wind	-0.6 m/s	velocity		5.87		9.09		9.35		9.22		9.09	8.25					

*Fehér (2013) - Final report from the men's & women's Czech Republic national championships***Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.17	3.40	4.48	5.58	6.65	7.73				7.73	6 / 5					
reaction time	0.159	interval		1.23	1.08	1.10	1.07	1.08					# of strides	4.48	3.25			
		velocity	4.61	8.13	9.26	9.09	9.35	9.26				7.76		6.70	9.23			

*Fehér (2012) - Czech Republic indoor national championships - women's 60m***Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.13	3.39	4.51	5.58	6.66	7.74				7.74	3 / 3					
reaction time	0.137	interval		1.26	1.12	1.07	1.08	1.08					# of strides	4.51	3.23			
		velocity	4.69	7.94	8.93	9.35	9.26	9.26				7.75		6.65	9.29			

*Fehér (2012) - Czech Republic indoor national championships - women's 60m***Dorobisz, Iwona (POL) (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			4.34		7.44		9.55		11.80	11.80	/ 1					

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

reaction time		interval							3.10	2.11	2.25		# of strides	4.34	3.10			
wind	1.0 m/s	velocity		6.91					9.68	9.48	8.89	8.47		6.91	9.68			
Dosso, Zaynab (ITA) (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 Olympic Games - Results Book (2024)</i>																		
date	03-Aug-24	time	2.05	3.20	4.24	5.25	6.24	7.22	8.24	9.25	10.29	11.34	11.34	1 / 9				
reaction time	0.169	interval		1.15	1.04	1.01	0.99	0.98	1.02	1.01	1.04	1.05		# of strides	4.24	2.98	3.07	
wind	0.1 m/s	velocity	4.88	8.70	9.62	9.90	10.10	10.20	9.80	9.90	9.62	9.52	8.82	48.5	7.08	10.07	9.77	
Heat 2 - 2024 Olympic Games (Paris, FRA)																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
date	02-Aug-24	time	2.04	3.19	4.22	5.22	6.21	7.21	8.21	9.22	10.25	11.30	11.30	2 / 3				
reaction time	0.168	interval		1.15	1.03	1.00	0.99	1.00	1.00	1.01	1.03	1.05		# of strides	4.22	2.99	3.04	
wind	-0.8 m/s	velocity	4.90	8.70	9.71	10.00	10.10	10.00	10.00	9.90	9.71	9.52	8.85	49.7	7.11	10.03	9.87	
FINAL - 2024 Meeting de Paris (Paris, FRA)																		
<i>Omega Timing (2024) - diamond league race analysis</i>																		
date	07-Jul-24	time	1.95	3.09	4.13	5.14	6.14	7.15	8.16	9.19	10.23	11.36	11.36	6 / 6				
reaction time	0.153	interval		1.14	1.04	1.01	1.00	1.01	1.01	1.03	1.04	1.13		# of strides	4.13	3.02	3.08	
wind	-2.0 m/s	velocity	5.13	8.77	9.62	9.90	10.00	9.90	9.90	9.71	9.62	8.85	8.80	48.7	7.26	9.93	9.74	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)																		
<i>Omega Timing (2024) - diamond league race analysis</i>																		
date	02-Jun-24	time	2.03	3.17	4.21	5.21	6.20	7.18	8.17	9.17	10.19	11.23	11.23	5 / 4				
reaction time	0.150	interval		1.14	1.04	1.00	0.99	0.98	0.99	1.00	1.02	1.04		# of strides	4.21	2.97	3.01	
wind	-0.8 m/s	velocity	4.93	8.77	9.62	10.00	10.10	10.20	10.10	10.00	9.80	9.62	8.90	48.2	7.13	10.10	9.97	
Douglas, Stephanie (GBR) (1969)			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			4.27			7.41		9.56		11.76	11.76	1 / 4				
reaction time		interval						3.14		2.15		2.20		# of strides	4.27	3.14		
wind	-2.7 m/s	velocity			7.03			9.55		9.30		9.09	8.50		7.03	9.55		
Drazek, Annika (GER) (1995)			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		3.38	4.46	5.51		7.60		9.73		11.94	11.94	1 / 2				
reaction time		interval			1.08	1.05		2.09		2.13		2.21		# of strides	4.46	3.14		
wind	-0.3 m/s	velocity		5.92	9.26	9.52		9.57		9.39		9.05	8.38		6.73	9.55		
Drechsler, Heike (GDR) (1964)			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	25-Sep-88	time	2.01	3.12	4.14	5.11	6.08	7.02	7.97	8.92	9.88	10.85	10.85	5 / 3				
reaction time	0.143	interval		1.11	1.02	0.97	0.97	0.94	0.95	0.95	0.96	0.97		# of strides	4.14	2.88	2.86	
wind	3.0 m/s	velocity	4.98	9.01	9.80	10.31	10.31	10.64	10.53	10.53	10.42	10.31	9.22	46.4	7.25	10.42	10.49	
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	25-Sep-88	time	2.00	3.10	4.12	5.12	6.08	7.03	7.98	8.93	9.90	10.91	10.91	6 / 2				
reaction time	0.216	interval		1.10	1.02	1.00	0.96	0.95	0.95	0.95	0.97	1.01		# of strides	4.12	2.91	2.87	
wind	2.6 m/s	velocity	5.00	9.09	9.80	10.00	10.42	10.53	10.53	10.53	10.31	9.90	9.17		7.28	10.31	10.45	
Daute-Drechsler, Heike (GDR) (1964)			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)																		
<i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>																		
date	30-Aug-87	time	2.12	3.22	4.25	5.22	6.18	7.10	8.04	9.00	10.00	11.00	11.00	4 / 2				
reaction time	0.210	interval		1.10	1.03	0.97	0.96	0.92	0.94	0.96	1.00	1.00		# of strides	4.25	2.85	2.90	
wind	-0.5 m/s	velocity	4.72	9.09	9.71	10.31	10.42	10.87	10.64	10.42	10.00	10.00	9.09	46.8	7.06	10.53	10.34	
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	2.16	3.27	4.28	5.24	6.17	7.12	8.07	9.02	9.98	10.95	10.95	3 / 1				
reaction time		interval		1.11	1.01	0.96	0.93	0.95	0.95	0.95	0.96	0.97		# of strides	4.28	2.84	2.86	
wind	0.7 m/s	velocity	4.63	9.01	9.90	10.42	10.75	10.53	10.53	10.53	10.42	10.31	9.13	46.0	7.01	10.56	10.49	
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	2.15	3.26	4.29	5.26	6.22	7.18	8.13	9.10	10.08	11.08	11.08	6 / 1				
reaction time		interval		1.11	1.03	0.97	0.96	0.96	0.95	0.97	0.98	1.00		# of strides	4.29	2.89	2.90	
wind	-0.38 m/s	velocity	4.65	9.01	9.71	10.31	10.42	10.42	10.53	10.31	10.20	10.00	9.03	46.0	6.99	10.38	10.34	
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	2.16	3.27	4.30	5.25	6.20	7.15	8.10	9.05	10.01	11.02	11.02	7 / 1				
reaction time		interval		1.11	1.03	0.95	0.95	0.95	0.95	0.95	0.96	1.01		# of strides	4.30	2.85	2.86	
wind	2.3 m/s	velocity	4.63	9.01	9.71	10.53	10.53	10.53	10.53	10.53	10.42	9.90	9.07	45.5	6.98	10.53	10.49	
FINAL - 1986 Goldenen Ovals (Dresden, GDR)																		
<i>Tepper (1989) - zum entwicklungsstand und zum trainingssyste des ddr-frauenkurzsprints</i>																		
date	16-Aug-86	time			4.23			7.09		8.99		10.94	10.94	1 / 1				
reaction time		interval						2.86		1.90		1.95		# of strides	4.23	2.86		
wind	1.0 m/s	velocity			7.09			10.49		10.53		10.26	9.14		7.09	10.49		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Droual, Laurence (FRA) (1971)																
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	2.02	3.19	4.26	5.30	6.37	7.43				7.43	/ 4			
reaction time		interval		1.17	1.07	1.04	1.07	1.06					# of strides	4.26	3.17	
		velocity	4.95	8.55	9.35	9.62	9.35	9.43				8.08		7.04	9.46	
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	2.01	3.18	4.24	5.29	6.34	7.43				7.43	/ 2			
reaction time		interval		1.17	1.06	1.05	1.05	1.09					# of strides	4.24	3.19	
		velocity	4.98	8.55	9.43	9.52	9.52	9.17				8.08		7.08	9.40	
Dulgheru, Mirela (ROU) (1966)																
FINAL - 1991 European Cup (Frankfurt, GER)																
		<i>Federle (2003) - http://www.fgs.uni-halle.de</i>														
date	29-Jun-91	time		4.37			7.54		9.71		11.94	11.94	/ 6			
reaction time		interval					3.17		2.17		2.23		# of strides	4.37	3.17	
wind	-2.7 m/s	velocity		6.86			9.46		9.22		8.97	8.38		6.86	9.46	
Dunn, Paula (GBR) (1964)																
FINAL - 1987 European Cup (Prague, TCH)																
		<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>														
date	28-Jun-87	time	2.12	3.27	4.31	5.33	6.31	7.29	8.31	9.31	10.33	11.37	11.37	6 / 4		
reaction time		interval		1.15	1.04	1.02	0.98	0.98	1.02	1.00	1.02	1.04		# of strides	4.31	2.98
wind	-0.4 m/s	velocity	4.72	8.70	9.62	9.80	10.20	10.20	9.80	10.00	9.80	9.62	8.80	53.9	6.96	10.07
Durst, Stephanie (USA) (1982)																
FINAL - 2009 ISTAF (Berlin, GER)																
		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	14-Jun-09	time	3.23	4.27	5.27		7.23		9.20		11.15	11.15	/ 2			
reaction time	0.176	interval		1.04	1.00		1.96		1.97		1.95		# of strides	4.27	2.96	
wind	0.1 m/s	velocity	6.19	9.62	10.00		10.20		10.15		10.26	8.97		7.03	10.14	
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)																
		<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	27-Jun-08	time	2.09	3.19	4.26	5.26	6.26	7.22	8.24	9.26	10.23	11.26	11.26	8 / 8		
reaction time		interval		1.10	1.07	1.00	1.00	0.96	1.02	1.02	0.97	1.03		# of strides	4.26	2.96
wind	2.3 m/s	velocity	4.78	9.09	9.35	10.00	10.00	10.42	9.80	9.80	10.31	9.71	8.88	7.04	10.14	9.97
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)																
		<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	27-Jun-08	time	2.11	3.19	4.26	5.29	6.29	7.29	8.28	9.29	10.34	11.34	11.34	5 / 5		
reaction time		interval		1.08	1.07	1.03	1.00	1.00	0.99	1.01	1.05	1.00		# of strides	4.26	3.03
wind	1.1 m/s	velocity	4.74	9.26	9.35	9.71	10.00	10.00	10.10	9.90	9.52	10.00	8.82	7.04	9.90	9.84
FINAL - 2006 USATF National Championships (Indianapolis, IN)																
		<i>USATF Women's Sprint Development (2006)</i>														
date	23-Jun-06	time	2.09	3.21	4.26	5.27	6.26	7.24	8.24	9.26	10.28	11.29	11.29	2 / 7 6		
reaction time		interval		1.12	1.05	1.01	0.99	0.98	1.00	1.02	1.02	1.01		# of strides	4.26	2.98
wind	-0.9 m/s	velocity	4.78	8.93	9.52	9.90	10.10	10.20	10.00	9.80	9.80	9.90	8.86	51.5	7.04	10.07
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	2.05	3.18	4.22	5.22	6.19	7.16	8.13	9.12	10.12	11.16	11.16	/ 2		
reaction time		interval		1.13	1.04	1.00	0.97	0.97	0.97	0.99	1.00	1.04		# of strides	4.22	2.94
wind	2.6 m/s	velocity	4.88	8.85	9.62	10.00	10.31	10.31	10.31	10.10	10.00	9.62	8.96	7.11	10.20	10.14
Earls, Jacqueline (USA) (1984)																
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)																
		<i>USATF Women's Sprint Development (2003)</i>														
date	22-Jun-03	time	2.20	3.39	4.54	5.61	6.71	7.81			12.20	12.30	1 / 9			
reaction time		interval		1.19	1.15	1.07	1.10	1.10			4.39		# of strides	4.54	3.27	
wind	0.7 m/s	velocity	4.55	8.40	8.70	9.35	9.09	9.09			9.11	8.13		6.61	9.17	
Echols, Sheila (USA) (1964)																
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)																
		<i>USATF Women's Sprint Development (1996)</i>														
date	15-Jun-96	time	2.00		4.13		6.20			10.24	11.30	11.30	8 / 6			
reaction time		interval			2.13		2.07			4.04	1.06		# of strides	4.13		
wind	1.1 m/s	velocity	5.00		9.39		9.66			9.90	9.43	8.85	50.0	7.26		
FINAL - 1990 Goodwill Games (Seattle, WA)																
		<i>Lyle (1990) - goodwill games women's 100m splits</i>														
date	24-Jul-90	time	2.02	3.14	4.16	5.15	6.12	7.05	8.02		9.99	11.02	11.05	7 / 2		
reaction time		interval		1.12	1.02	0.99	0.97	0.93	0.97		1.97	1.03		# of strides	4.16	2.89
wind	0.0 m/s	velocity	4.95	8.93	9.80	10.10	10.31	10.75	10.31		10.15	9.71	9.05	7.21	10.38	10.20
FINAL - 1989 IAAF World Cup (Barcelona, ESP)																
		<i>Pascua (1990) - atletismo (I) carreras y marcha</i>														
date	09-Sep-89	time	3.15		5.18	6.15	7.15	8.14	9.15		11.18	11.18	/ 1			
reaction time		interval			2.03	0.97	1.00	0.99	1.01		2.03		# of strides			
wind	-1.1 m/s	velocity	6.35		9.85	10.31	10.00	10.10	9.90		9.85	8.94	50.0			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Eddou, Hajar (MAR) (1999)																	
FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	05-Jun-22	time	3.24	5.34	7.42	9.57	11.84	11.84	3 / 6								
reaction time	0.162	interval	2.10	2.08	2.15	2.27	# of strides	4.69	3.37								
wind	0.3 m/s	velocity	6.17	9.52	9.62	9.30	8.81	8.45	49.5								
Edfors, Cecilia (SWE) (1987)																	
B FINAL - 2007 Windsprint (Sundsvall, SWE)												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	24-Jul-07	time	4.69	8.06	10.33	12.69	12.69	1 / 2									
reaction time	interval	3.37	2.27	2.36	# of strides	4.69	3.37										
wind	0.9 m/s	velocity	6.40	8.90	8.81	8.47	7.88	6.40	8.90								
Edobar, Iyoba (JPN) (1997)																	
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	4.33	5.38	6.41	7.44	8.47	9.52	10.60	11.72	11.72	1 / 1					
reaction time	interval	1.05	1.03	1.03	1.03	1.05	1.08	1.12	PB	# of strides	4.33	3.11	3.16				
wind	-1.2 m/s	velocity	6.93	9.52	9.71	9.71	9.71	9.52	9.26	8.93	8.53	6.93	9.65	9.49			
FINAL - 2015 Japanese National Championships (Niigata, JPN)												<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>					
date	28-Jun-15	time	2.10	3.28	4.36	5.41	6.46	7.51	8.57	9.65	10.74	11.86	11.86	2 / 4			
reaction time	0.169	interval	1.18	1.08	1.05	1.05	1.05	1.06	1.08	1.09	1.12	# of strides	4.36	3.15	3.23		
wind	-0.3 m/s	velocity	4.76	8.47	9.26	9.52	9.52	9.43	9.26	9.17	8.93	8.43	52.2	6.88	9.52	9.29	
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	2.13	3.32	4.42	5.49	6.55	7.61	8.70	9.80	10.93	12.06	12.06	1 / 1			
reaction time	interval	1.19	1.10	1.07	1.06	1.06	1.09	1.10	1.13	1.13	# of strides	4.42	3.19	3.32			
wind	-2.4 m/s	velocity	4.69	8.40	9.09	9.35	9.43	9.43	9.17	9.09	8.85	8.85	8.29	6.79	9.40	9.04	
Eduan, Success (GBR) (2004)																	
National FINAL - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	20-Jul-24	time	2.10	3.33	4.41	5.44	6.45	7.45	8.44	9.44	10.45	11.48	11.48	8 / 8			
reaction time	0.149	interval	1.23	1.08	1.03	1.01	1.00	0.99	1.00	1.01	1.03	# of strides	4.41	3.04	3.00		
wind	1.1 m/s	velocity	4.76	8.13	9.26	9.71	9.90	10.00	10.10	10.00	9.90	9.71	8.71	6.80	9.87	10.00	
Edwards, Torri (USA) (1977)																	
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	14-Sep-08	time	3.22	4.25	5.24	6.22	7.21	8.18	9.17	11.22	11.22	6 / 5					
reaction time	0.153	interval	1.03	0.99	0.98	0.99	0.97	0.99	2.05	2.05	# of strides	4.25	2.96				
wind	0.3 m/s	velocity	6.21	9.71	10.10	10.20	10.10	10.31	10.10	9.76	8.91	7.06	10.14				
FINAL - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.03	3.12	4.08	5.09	6.04	6.97	7.91	8.88	9.86	10.90	10.90	4 / 2			
reaction time	interval	1.09	0.96	1.01	0.95	0.93	0.94	0.97	0.98	1.04	# of strides	4.08	2.89	2.89			
wind	1.0 m/s	velocity	4.93	9.17	10.42	9.90	10.53	10.75	10.64	10.31	10.20	9.62	9.17	50.0	7.35	10.38	10.38
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.03	3.10	4.07	5.04	5.97	6.89	7.84	8.78	9.73	10.78	10.78	4 / 1			
reaction time	interval	1.07	0.97	0.97	0.93	0.92	0.95	0.94	0.95	1.05	PB	# of strides	4.07	2.82	2.84		
wind	1.8 m/s	velocity	4.93	9.35	10.31	10.31	10.75	10.87	10.53	10.64	10.53	9.52	9.28	47.5	7.37	10.64	10.56
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.05	3.10	4.12	5.11	5.99	6.95	7.91	8.86	9.82	10.85	10.85	3 / 1			
reaction time	interval	1.05	1.02	0.99	0.88	0.96	0.96	0.95	0.96	1.03	# of strides	4.12	2.83	2.87			
wind	2.3 m/s	velocity	4.88	9.52	9.80	10.10	11.36	10.42	10.42	10.53	10.42	9.71	9.22	7.28	10.60	10.45	
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.01	3.12	4.10	5.09	6.04	7.01	7.96	8.97	9.99	11.16	11.16	6 / 1			
reaction time	interval	1.11	0.98	0.99	0.95	0.97	0.95	1.01	1.02	1.17	# of strides	4.10	2.91	2.98			
wind	1.1 m/s	velocity	4.98	9.01	10.20	10.10	10.53	10.31	10.53	9.90	9.80	8.55	8.96	7.32	10.31	10.07	
FINAL - 2007 IAAF World Championships (Osaka, JPN)												<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>					
date	27-Aug-07	time	2.00	3.12	4.15	5.12	6.08	7.04	8.01	9.00	10.02	11.05	11.05	6 / 4			
reaction time	0.141	interval	1.12	1.03	0.97	0.96	0.96	0.97	0.99	1.02	1.03	# of strides	4.15	2.89	2.98		
wind	-0.2 m/s	velocity	5.00	8.93	9.71	10.31	10.42	10.42	10.31	10.10	9.80	9.71	9.05	50.5	7.23	10.38	10.07
FINAL - 2006 USATF National Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
date	23-Jun-06	time	2.08	3.19	4.20	5.19	6.17	7.16	8.11	9.13	10.14	11.17	11.17	3 / 2			
reaction time	interval	1.11	1.01	0.99	0.98	0.99	0.95	1.02	1.01	1.03	# of strides	4.20	2.96	2.98			
wind	-0.9 m/s	velocity	4.81	9.01	9.90	10.10	10.20	10.10	10.53	9.80	9.90	9.71	8.95	50.7	7.14	10.14	10.07

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.05	3.15	4.17	5.14	6.08	7.05	8.03	9.00	10.00	11.02	11.02	4 / 2			
reaction time		interval		1.10	1.02	0.97	0.94	0.97	0.98	0.97	1.00	1.02	DV	# of strides	4.17	2.88	2.95
wind	0.1 m/s	velocity	4.88	9.09	9.80	10.31	10.64	10.31	10.20	10.31	10.00	9.80	9.07	50.7	7.19	10.42	10.17

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.05	3.14	4.14	5.13	6.07	7.03	7.99	8.98	9.93	11.00	11.00	3 / 4			
reaction time		interval		1.09	1.00	0.99	0.94	0.96	0.96	0.99	0.95	1.07	DV	# of strides	4.14	2.89	2.90
wind	-0.1 m/s	velocity	4.88	9.17	10.00	10.10	10.64	10.42	10.42	10.10	10.53	9.35	9.09	50.2	7.25	10.38	10.34

Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.09	3.18	4.21	5.22	6.19	7.19	8.17	9.21	10.26	11.36	11.36	6 / 4			
reaction time		interval		1.09	1.03	1.01	0.97	1.00	0.98	1.04	1.05	1.10	DV	# of strides	4.21	2.98	3.07
wind	-1.0 m/s	velocity	4.78	9.17	9.71	9.90	10.31	10.00	10.20	9.62	9.52	9.09	8.80	51.0	7.13	10.07	9.77

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

USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.09	3.15	4.19	5.17	6.16	7.11	8.09	9.09	10.11	11.13	11.13	4 / 2 1			
reaction time		interval		1.06	1.04	0.98	0.99	0.95	0.98	1.00	1.02	1.02		# of strides	4.19	2.92	3.00
wind	-1.1 m/s	velocity	4.78	9.43	9.62	10.20	10.10	10.53	10.20	10.00	9.80	9.80	8.98		7.16	10.27	10.00

Eliasson, Emilia (SWE) (1989)

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

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

date	24-Jul-07	time		4.75			8.30		10.70		13.20	13.20	13.20	/ 6			
reaction time		interval					3.55		2.40		2.50	PB	# of strides	4.75	3.55		
wind	0.9 m/s	velocity		6.32			8.45		8.33		8.00	7.58		6.32	8.45		

Emmanouilidou, Polyniki (GRE) (2003)

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	02-Aug-24	time	2.08	3.19	4.23	5.22	6.20	7.18	8.17	9.18	10.20	11.25	11.25	5 / 4			
reaction time	0.152	interval		1.11	1.04	0.99	0.98	0.98	0.99	1.01	1.02	1.05		# of strides	4.23	2.95	3.02
wind	-0.2 m/s	velocity	4.81	9.01	9.62	10.10	10.20	10.20	10.10	9.90	9.80	9.52	8.89	53.2	7.09	10.17	9.93

Emmanuel, Crystal (CAN) (1991)

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

FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)Omega Timing (2021) - [diamond league race analysis](http://diamond.league.race.analysis)

date	13-Jul-21	time		3.2		5.3		7.3		9.3		11.36	11.36	4 / 3			
reaction time	0.177	interval				2.10		2.00		2.00		2.06		# of strides			
wind	1.5 m/s	velocity		6.25		9.52		10.00		10.00		9.71	8.80				

FINAL - 2019 Memorial van Damme (Brussels, BEL)Omega Timing (2019) - [diamond league race analysis](http://diamond.league.race.analysis)

date	06-Sep-19	time		3.2		5.2		7.3		9.3		11.38	11.38	1 / 7			
reaction time	0.154	interval				2.0		2.1		2.0		2.08		# of strides			
wind	-0.3 m/s	velocity		6.25		10.00		9.52		10.00		9.62	8.79	51.2			

Endacott, Katherine (GBR) (1980)

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

FINAL - 2010 Sparkassen-Gala (Regensburg, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	05-Jun-10	time		3.28	4.34	5.37		7.43		9.54		11.69	11.69	/ 6			
reaction time		interval			1.06	1.03		2.06		2.11		2.15		# of strides	4.34	3.09	
wind	-0.4 m/s	velocity		6.10	9.43	9.71		9.71		9.48		9.30	8.55		6.91	9.71	

Engberg, Angelica (SWE) (1989)

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

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

date	28-Jul-13	time		4.73			8.16		10.48		12.89	12.89	12.89	2 / 7			
reaction time		interval					3.43		2.32		2.41			# of strides	4.73	3.43	
wind	2.7 m/s	velocity		6.34			8.75		8.62		8.30	7.76			6.34	8.75	

Eritsland, Siri (NOR) (1985)

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		4.43			7.62		9.80		12.11	12.11	12.11	6 / 7			
reaction time		interval					3.19		2.18		2.31			# of strides	4.43	3.19	
wind	0.2 m/s	velocity		6.77			9.40		9.17		8.66	8.26			6.77	9.40	

Eurenius, Isabelle (SWE) (1989)

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

A FINAL - 2017 Windsprint (Sundsvall, SWE)(2017) - www.windsprint/Splittider/

date	30-Jul-17	time		4.45		6.52	7.57		9.67		11.84	11.84	11.84	6 / 2			
reaction time		interval				2.07	1.05		2.10		2.17			# of strides	4.45	3.12	
wind	0.3 m/s	velocity		6.74		9.66	9.52		9.52		9.22	8.45			6.74	9.62	

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

date	31-Jul-16	time		4.42			7.53				11.72	11.72	11.72	3 / 2			
reaction time		interval					3.11				4.19	=PB		# of strides	4.42	3.11	
wind	2.0 m/s	velocity		6.79			9.65				9.55	8.53			6.79	9.65	

Heat 1 - 2016 Windsprint (Sundsvall, SWE)(2016) - www.windsprint/Splittider/

date	31-Jul-16	time	4.44	7.57	11.85	11.85	4 / 3
reaction time		interval		3.13	4.28		# of strides 4.44 3.13
wind	-0.3 m/s	velocity	6.76	9.58	9.35	8.44	6.76 9.58

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

date	20-Jul-14	time	4.46	7.59	9.69	11.83	11.83	2 / 4
reaction time		interval		3.13	2.10	2.14	PB	# of strides 4.46 3.13
wind	1.2 m/s	velocity	6.73	9.58	9.52	9.35	8.45	6.73 9.58

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

date	17-Jun-12	time	4.51	7.75	9.93	12.17	12.17	2 / 6
reaction time		interval		3.24	2.18	2.24		# of strides 4.51 3.24
wind	0.7 m/s	velocity	6.65	9.26	9.17	8.93	8.22	6.65 9.26

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

date	25-Jul-09	time	4.49	7.75	9.88	12.09	12.09	/ 2
reaction time		interval		3.26	2.13	2.21		# of strides 4.49 3.26
wind	2.5 m/s	velocity	6.68	9.20	9.39	9.05	8.27	6.68 9.20

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

date	24-Jul-07	time	4.47	7.80	9.96	12.30	12.30	/ 7
reaction time		interval		3.33	2.16	2.34		# of strides 4.47 3.33
wind	1.0 m/s	velocity	6.71	9.01	9.26	8.55	8.13	6.71 9.01

Evelyn, Tristan (BAR) (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	02-Aug-24	time	2.06	3.19	4.24	5.25	6.24	7.23	8.25	9.31	10.40	11.55	11.55	9 / 6
reaction time	0.134	interval		1.13	1.05	1.01	0.99	0.99	1.02	1.06	1.09	1.15		# of strides 4.24 2.99 3.17
wind	0.1 m/s	velocity	4.85	8.85	9.52	9.90	10.10	10.10	9.80	9.43	9.17	8.70	8.66	51.0 7.08 10.03 9.46

Evensen, Marianne (NOR) (1996)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****C FINAL - 2014 Windsprint (Sundsvall, SWE)**(2014) - www.ssg.se/windsprint/Splittider/

date	20-Jul-14	time	4.56	7.86	10.11	12.40	12.40	2 / 5
reaction time		interval		3.30	2.25	2.29		# of strides 4.56 3.30
wind	0.7 m/s	velocity	6.58	9.09	8.89	8.73	8.06	6.58 9.09

Eze, Joy (GBR) (2004)**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	2.05	3.21	4.25	5.26	6.25	7.24	8.24	9.26	10.29	11.35	11.35	2 / 5
reaction time	0.157	interval		1.16	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.06	PB	# of strides 4.25 2.99 3.05
wind	1.1 m/s	velocity	4.88	8.62	9.62	9.90	10.10	10.10	10.00	9.80	9.71	9.43	8.81	7.06 10.03 9.84

Facey, Simone (JAM) (1985)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)**

Matsuo (2015) - 2015 men's & women's 100m race analysis

date	10-May-15	time	2.02	3.16	4.20	5.22	6.22	7.22	8.21	9.22	10.24	11.27	11.27	4 / 3
reaction time		interval		1.14	1.04	1.02	1.00	1.00	0.99	1.01	1.02	1.03		# of strides 4.20 3.02 3.02
wind	1.2 m/s	velocity	4.95	8.77	9.62	9.80	10.00	10.00	10.10	9.90	9.80	9.71	8.87	49.7 7.14 9.93 9.93

Fant, Felicia (USA)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)**

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.20	3.36	4.44	5.51	6.55	7.62	8.70	9.79	10.89	12.07	12.07	3 / 5
reaction time		interval		1.16	1.08	1.07	1.04	1.07	1.08	1.09	1.10	1.18		# of strides 4.44 3.18 3.27
wind	-1.0 m/s	velocity	4.55	8.62	9.26	9.35	9.62	9.35	9.26	9.17	9.09	8.47	8.29	54.0 6.76 9.43 9.17

Farina, Rossella (ITA) (1974)**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	???	time	1.98	3.29	4.35	5.37	6.37	7.36				11.85	11.85	
reaction time		interval		1.31	1.06	1.02	1.00	0.99				4.49		# of strides 4.35 3.01
wind	???	velocity	5.05	7.63	9.43	9.80	10.00	10.10				8.91	8.44	6.90 9.97

Fasihi, Farzaneh (IRI) (1993)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 5 - 2024 Olympic Games (Paris, FRA)**

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.02	3.17	4.23	5.27	6.24	7.25	8.27	9.33	10.51	11.51	11.51	8 / 7
reaction time	0.142	interval		1.15	1.06	1.04	0.97	1.01	1.02	1.06	1.18	1.00		# of strides 4.23 3.02 3.26
wind	1.0 m/s	velocity	4.95	8.70	9.43	9.62	10.31	9.90	9.80	9.43	8.47	10.00	8.69	51.2 7.09 9.93 9.20

FINAL - 2024 Seashore Doha Meeting (Doha, QAT)

Omega Timing (2024) - diamond league race analysis

date	10-May-24	time	2.04	3.19	4.26	5.28	6.30	7.33	8.39	9.47	10.57	11.71	11.71	8 / 8
reaction time	0.139	interval		1.15	1.07	1.02	1.02	1.03	1.06	1.08	1.10	1.14		# of strides 4.26 3.07 3.24

	wind	2.0 m/s	velocity	4.90	8.70	9.35	9.80	9.80	9.71	9.43	9.26	9.09	8.77	8.54	52.0	7.04	9.77	9.26
Faulon, Marie-Noëlle (FRA) (1971)	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	2.10	3.28	4.34	5.38	6.42	7.50			7.50	1/5						
reaction time		interval		1.18	1.06	1.04	1.04	1.08					# of strides	4.34	3.16			
		velocity	4.76	8.47	9.43	9.62	9.62	9.26			8.00			6.91	9.49			
Feagin, Zundra (USA) (1973)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)																		
<i>USATF Women's Sprint Development (1996)</i>																		
date	15-Jun-96	time	2.21		4.30		6.30				10.26	11.26	11.26					
reaction time		interval		2.09		2.00					3.96	1.00						
wind	1,1 m/s	velocity	4.52		9.57		10.00				10.10	10.00	8.88					
Felix, Allyson (USA) (1985)	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	2.20	3.33	4.32	5.33	6.25	7.32			7.32	5/6						
reaction time	0.170	interval		1.13	0.99	1.01	0.92	1.07					# of strides	4.32	3.00			
		velocity	4.55	8.85	10.10	9.90	10.87	9.35			8.20			31.0	6.94	10.00		
FINAL - 2012 Seiko Golden Grand Prix (Kawasaki, JPN)																		
<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																		
date	06-May-12	time	2.06	3.24	4.25	5.23	6.20	7.18	8.17	9.17	10.18	11.22	11.22	4/1				
reaction time		interval		1.18	1.01	0.98	0.97	0.98	0.99	1.00	1.01	1.04						
wind	0.1 m/s	velocity	4.85	8.47	9.90	10.20	10.31	10.20	10.10	10.00	9.90	9.62	8.91	46.5	7.06	10.24	10.00	
FINAL - 2009 Seiko Super Grand Prix (Kawasaki, JPN)																		
<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>																		
date	23-Sep-09	time	2.02	3.16	4.20	5.20	6.17	7.15	8.14	9.15	10.17	11.22	11.22	4/1				
reaction time		interval		1.14	1.04	1.00	0.97	0.98	0.99	1.01	1.02	1.05						
wind	-0.8 m/s	velocity	4.95	8.77	9.62	10.00	10.31	10.20	10.10	9.90	9.80	9.52	8.91	46.0	7.14	10.17	9.93	
FINAL - 2008 USA Olympic Trials (Eugene, OR)																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
date	28-Jun-08	time	2.12	3.20	4.20	5.18	6.12	7.09	8.04	9.01	9.94	10.96	10.96	8/5				
reaction time		interval		1.08	1.00	0.98	0.94	0.97	0.95	0.97	0.93	1.02						
wind	1.0 m/s	velocity	4.72	9.26	10.00	10.20	10.64	10.31	10.53	10.31	10.75	9.80	9.12	45.5	7.14	10.38	10.53	
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
date	28-Jun-08	time	2.15	3.22	4.22	5.24	6.20	7.14	8.05	9.04	10.01	11.00	11.00	3/3				
reaction time		interval		1.07	1.00	1.02	0.96	0.94	0.91	0.99	0.97	0.99						
wind	1.8 m/s	velocity	4.65	9.35	10.00	9.80	10.42	10.64	10.99	10.10	10.31	10.10	9.09	45.0	7.11	10.27	10.45	
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
date	27-Jun-08	time	2.10	3.22	4.22	5.20	6.14	7.11	8.06	9.01	9.94	10.98	10.98	4/2				
reaction time		interval		1.12	1.00	0.98	0.94	0.97	0.95	0.95	0.93	1.04						
wind	0.7 m/s	velocity	4.76	8.93	10.00	10.20	10.64	10.31	10.53	10.53	10.75	9.62	9.11					
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)																		
<i>USATF Women's Sprint Development with HPC (2008)</i>																		
date	27-Jun-08	time	2.14	3.25	4.24	5.21	6.17	7.11	8.06	9.04	9.99	11.01	11.01	8/1				
reaction time		interval		1.11	0.99	0.97	0.96	0.94	0.95	0.98	0.95	1.02						
wind	3.5 m/s	velocity	4.67	9.01	10.10	10.31	10.42	10.64	10.53	10.20	10.53	9.80	9.08					
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)																		
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																		
date	23-Sep-07	time		3.22	4.24	5.23		7.18		9.15		11.15	11.15	6/2				
reaction time	0.167	interval		1.02	0.99		1.95		1.97		2.00							
wind	-0.6 m/s	velocity		6.21	9.80	10.10		10.26		10.15		10.00	8.97	46.1	7.08	10.20		
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	2.04	3.18	4.20	5.20	6.17	7.14	8.10	9.08	10.08	11.11	11.11	1/1				
reaction time		interval		1.14	1.02	1.00	0.97	0.97	0.96	0.98	1.00	1.03						
wind	2.6 m/s	velocity	4.90	8.77	9.80	10.00	10.31	10.31	10.42	10.20	10.00	9.71	9.00					
Ferguson, Sheniqua (BAH) (1989)	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)																		
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
date	16-Aug-09	time		3.25	4.32	5.35		7.41		9.45		11.57	11.57	4/4				
reaction time	0.173	interval			1.07	1.03		2.06		2.04		2.12						
wind	-0.6 m/s	velocity		6.15	9.35	9.71		9.71		9.80		9.43	8.64					
Ferguson-McKenzie, Debbie (BAH) (1985)	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)																		
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																		
date	31-Jul-11	time		4.18		7.15		9.13		11.18	11.18	7/1						
reaction time		interval				2.97		1.98		2.05								
wind	0.2 m/s	velocity		7.18		10.10		10.10		9.76	8.94							

FINAL - 2009 IAAF World Championships (Berlin, GER)

date	17-Aug-09	time	3.15	4.17	5.16	7.12	9.06	11.05	11.05	2 / 6			
reaction time	0.130	interval		1.02	0.99	1.96	1.94	1.99		# of strides	4.17	2.95	
wind	0.1 m/s	velocity	6.35	9.80	10.10	10.20	10.31	10.05	9.05		48.9	7.19	10.17

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

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)

date	17-Aug-09	time	3.15	4.17	5.16	7.12	9.04	11.03	11.03	3 / 4			
reaction time	0.146	interval		1.02	0.99	1.96	1.92	1.99		# of strides	4.17	2.95	
wind	-0.1 m/s	velocity	6.35	9.80	10.10	10.20	10.42	10.05	9.07		7.19	10.17	

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

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

date	16-Aug-09	time	3.15	4.17	5.16	7.13	9.07	11.08	11.08	6 / 2			
reaction time	0.165	interval		1.02	0.99	1.97	1.94	2.01		# of strides	4.17	2.96	
wind	0.1 m/s	velocity	6.35	9.80	10.10	10.15	10.31	9.95	9.03		48.5	7.19	10.14

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

Heat 4 - 2009 IAAF World Championships (Berlin, GER)

date	16-Aug-09	time	3.19	4.22	5.22	7.22	9.19	11.26	11.26	4 / 1			
reaction time	0.156	interval		1.03	1.00	2.00	1.97	2.07		# of strides	4.22	3.00	
wind	0.0 m/s	velocity	6.27	9.71	10.00	10.00	10.15	9.66	8.88		7.11	10.00	

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

FINAL - 2009 ISTAF (Berlin, GER)

date	14-Jun-09	time	3.18	4.22	5.22	7.19	9.20	11.19	11.19	/ 5			
reaction time	0.154	interval		1.04	1.00	1.97	2.01	1.99		# of strides	4.22	2.97	
wind	0.1 m/s	velocity	6.29	9.62	10.00	10.15	9.95	10.05	8.94		7.11	10.10	

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

date	14-Sep-08	time	3.20	4.24	5.25	6.25	7.25	8.22	9.22	11.25	11.25	2 / 8		
reaction time	0.155	interval		1.04	1.01	1.00	1.00	0.97	1.00	2.03		# of strides	4.24	3.01
wind	0.3 m/s	velocity	6.25	9.62	9.90	10.00	10.00	10.31	10.00	9.85	8.89		7.08	9.97

Graubner (2009) - <http://www.fgs.uni-halle.de>**Ferguson, Debbie (BAH) (1976)****FINAL - 2000 Olympic Games (Sydney, AUS)**

date	24-Sep-00	time	4.03		6.17	7.20	8.21	10.18	11.29	11.29	2 / 7			
reaction time	0.238	interval			2.14	1.03	1.01	1.97	1.11		# of strides	4.03	3.17	2.98
wind	-0.4 m/s	velocity	7.44		9.35	9.71	9.90	10.15	9.01	8.86		7.44	9.46	10.07

Veney - Sydney 100m women's splits

FINAL - 2000 ISTAF (Berlin, GER)

date	01-Sep-00	time	3.16	4.19	5.19	7.15		11.15	11.15	/ 4 3			
reaction time	0.176	interval		1.03	1.00	1.96		4.00		# of strides	4.19	2.96	
wind	0.1 m/s	velocity	6.33	9.71	10.00	10.20		10.00	8.97		7.16	10.14	

Graubner (2009) - <http://www.fgs.uni-halle.de>**FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)**

date	06-Mar-99	time	4.22		7.24		7.24		6 / 1				
reaction time		interval			3.02		PB		# of strides	4.22	3.02		
		velocity	7.11		9.93		8.29			31.5	7.11	9.93	

Winckler (2008) - running parameters

Fermely, Francette (FRA) (1969)**Heat 1 - 1996 International French Championships (Bercy, FRA)**

date	10-Feb-96	time	2.01	3.28	4.36	5.42	6.47	7.52		7.52	/ 4			
reaction time		interval		1.27	1.08	1.06	1.05	1.05			# of strides	4.36	3.16	
		velocity	4.98	7.87	9.26	9.43	9.52	9.52		7.98		6.88	9.49	

Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m

Fiere-Cooman, Nelli (NED) (1964)**Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)**

date	25-Sep-88	time	2.01	3.12	4.15	5.16	6.13	7.11	8.10	9.09	10.10	11.13	11.13	8 / 7		
reaction time	0.312	interval		1.11	1.03	1.01	0.97	0.98	0.99	0.99	1.01	1.03		# of strides	4.15	2.96
wind	2.6 m/s	velocity	4.98	9.01	9.71	9.90	10.31	10.20	10.10	10.10	9.90	9.71	8.98		7.23	10.14

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

Finn, Michelle (USA) (1965)**FINAL - 1990 Goodwill Games (Seattle, WA)**

date	24-Jul-90	time	2.02	3.14	4.16	5.15	6.12	7.04	8.02	9.99	11.02	11.05	5 / 3		
reaction time		interval		1.12	1.02	0.99	0.97	0.92	0.98	1.97	1.03	PB	# of strides	4.16	2.88
wind	0.0 m/s	velocity	4.95	8.93	9.80	10.10	10.31	10.87	10.20	10.15	9.71	9.05		7.21	10.42

Lyle (1990) - goodwill games women's 100m splits

Finstad Busch, Karin (NOR) (1992)**C FINAL - 2015 Windsprint (Sundsvall, SWE)**

date	26-Jul-15	time					7.87		10.14		12.48	12.48	4 / 3		
reaction time		interval							2.27		2.34		# of strides		
wind	0.1 m/s	velocity					7.62		8.81		8.55	8.01			

(2015) - www.windsprint/Splittider/**Foesters, Lore (BEL) (2007)**

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	08-Sep-23	time	2.06	3.26	4.36	5.43	6.50	7.57	8.67	9.78	10.92	12.10	12.10	2 / 3			
reaction time	0.149	interval		1.20	1.10	1.07	1.07	1.07	1.10	1.11	1.14	1.18	PB	# of strides	4.36	3.21	3.35
wind	0.4 m/s	velocity	4.85	8.33	9.09	9.35	9.35	9.35	9.09	9.01	8.77	8.47	8.26		6.88	9.35	8.96
Fomenko, Viktoriya (UKR) (1970) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Jung (2003) - http://www.fgs.uni-halle.de</i>			
FINAL - 1997 European Cup (Munich, GER)																	
date	21-Jun-97	time	2.11		4.37			7.50		9.61		11.76	11.76	1 / 7			
reaction time		interval			2.26			3.13		2.11		2.15		# of strides	4.37	3.13	
wind	0.6 m/s	velocity	4.74		4.58			9.58		9.48		9.30	8.50		6.86	9.58	
Fontana, Vittoria (ITA) (2000) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Omega Timing (2020) - diamond league race analysis</i>			
FINAL - 2020 Memorial Van Damme (Brussels, BEL)																	
date	04-Sep-20	time	3.3		5.5		7.5		9.6		11.74	11.74	2 / 7				
reaction time	0.158	interval			2.20		2.00		2.10		2.14			# of strides			
wind	0.2 m/s	velocity		6.06		9.09		10.00		9.52		9.35	8.52		50.7		
Forbes, Shashalee (JAM) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	2.00	3.16	4.20	5.19	6.16	7.15	8.14	9.15	10.16	11.20	11.20	3 / 6			
reaction time	0.144	interval		1.16	1.04	0.99	0.97	0.99	0.99	1.01	1.01	1.04		# of strides	4.20	2.95	3.01
wind	0.1 m/s	velocity	5.00	8.62	9.62	10.10	10.31	10.10	10.10	9.90	9.90	9.62	8.93		51.2	7.14	10.17
Heat 6 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
date	02-Aug-24	time	2.02	3.17	4.20	5.19	6.17	7.14	8.13	9.13	10.15	11.19	11.19	3 / 2			
reaction time	0.140	interval		1.15	1.03	0.99	0.98	0.97	0.99	1.00	1.02	1.04		# of strides	4.20	2.94	3.01
wind	-0.4 m/s	velocity	4.95	8.70	9.71	10.10	10.20	10.31	10.10	10.00	9.80	9.62	8.94		51.0	7.14	10.20
FINAL - 2023 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	08-Sep-23	time	2.02	3.18	4.22	5.23	6.21	7.18	8.16	9.15	10.15	11.17	11.17	3 / 5			
reaction time	0.140	interval		1.16	1.04	1.01	0.98	0.97	0.98	0.99	1.00	1.02		# of strides	4.22	2.96	2.97
wind	0.0 m/s	velocity	4.95	8.62	9.62	9.90	10.20	10.31	10.20	10.10	10.00	9.80	8.95		50.7	7.11	10.14
FINAL - 2023 Weltklasse (Zürich, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	31-Aug-23	time	1.99	3.14	4.17	5.16	6.14	7.11	8.09	9.08	10.08	11.12	11.12	8 / 5			
reaction time	0.131	interval		1.15	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.04		# of strides	4.17	2.94	2.97
wind	-0.2 m/s	velocity	5.03	8.70	9.71	10.10	10.20	10.31	10.20	10.10	10.00	9.62	8.99		51.0	7.19	10.20
FINAL - 2023 Athletissima (Lausanne, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	30-Jun-23	time	2.02	3.15	4.19	5.18	6.17	7.15	8.13	9.13	10.14	11.18	11.18	9 / 9			
reaction time	0.143	interval		1.13	1.04	0.99	0.99	0.98	0.98	1.00	1.01	1.04		# of strides	4.19	2.96	2.99
wind	-0.8 m/s	velocity	4.95	8.85	9.62	10.10	10.10	10.20	10.20	10.00	9.90	9.62	8.94		51.2	7.16	10.14
Forster, Viktória (SVK) (2002) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
Heat 6 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.03	3.19	4.25	5.26	6.26	7.28	8.29	9.32	10.36	11.44	11.44	8 / 6			
reaction time	0.145	interval		1.16	1.06	1.01	1.00	1.02	1.01	1.03	1.04	1.08		# of strides	4.25	3.03	3.08
wind	-0.4 m/s	velocity	4.93	8.62	9.43	9.90	10.00	9.80	9.90	9.71	9.62	9.26	8.74		52.0	7.06	9.90
Foster, Amy (IRL) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>			
A FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time			4.32			7.35		9.38		11.49	11.49	1 / 5			
reaction time		interval					3.03		2.03		2.11			# of strides	4.32	3.03	
wind	2.2 m/s	velocity			6.94		9.90		9.85		9.48	8.70			6.94	9.90	
Fotopoulou, Olivia (CYP) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
Heat 2 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.11	3.27	4.33	5.35	6.34	7.35	8.36	9.39	10.43	11.50	11.50	5 / 7			
reaction time	0.149	interval		1.16	1.06	1.02	0.99	1.01	1.01	1.03	1.04	1.07		# of strides	4.33	3.02	3.08
wind	-0.8 m/s	velocity	4.74	8.62	9.43	9.80	10.10	9.90	9.90	9.71	9.62	9.35	8.70		51.5	6.93	9.93
Francisco, Sydney (PLW) (2005) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
Prelim 1 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.08	3.36	4.53	5.69	6.84	8.00	9.19	10.40	11.64	13.15	13.15	6 / 7			
reaction time	0.239	interval		1.28	1.17	1.16	1.15	1.16	1.19	1.21	1.24	1.51	PB	# of strides	4.53	3.47	3.64
wind	0.0 m/s	velocity	4.81	7.81	8.55	8.62	8.70	8.62	8.40	8.26	8.06	6.62	7.60		6.62	8.65	8.24
Fraser-Pryce, Shelly-Ann (JAM) (1986) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Omega Timing (2022) - diamond league race analysis</i>			
FINAL - 2022 Weltklasse (Zürich, SUI)																	
date	08-Sep-22	time	3.06		5.00		6.86		8.72		10.65	10.65	5 / 1				
reaction time	0.159	interval			1.94		1.86		1.86		1.93			# of strides			

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

date	16-Aug-09	time	3.14	4.15	5.12	7.06	8.96	11.02	11.02	6 / 2
reaction time	0.191	interval		1.01	0.97	1.94	1.90	2.06		# of strides 4.15 2.91
wind	-0.4 m/s	velocity	6.37	9.90	10.31	10.31	10.53	9.71	9.07	49.2 7.23 10.31

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

date	16-Aug-09	time	3.15	4.17	5.16	7.22	9.25	11.41	11.41	4 / 2
reaction time	0.187	interval		1.02	0.99	2.06	2.03	2.16		# of strides 4.17 3.05
wind	0.1 m/s	velocity	6.35	9.80	10.10	9.71	9.85	9.26	8.76	7.19 9.84

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

date	14-Sep-08	time	3.14	4.15	5.12	6.08	7.05	7.99	8.96	10.94	10.94	3 / 1
reaction time	0.180	interval		1.01	0.97	0.96	0.97	0.94	0.97	1.98		# of strides 4.15 2.90
wind	0.3 m/s	velocity	6.37	9.90	10.31	10.42	10.31	10.64	10.31	10.10	9.14	49.6 7.23 10.34

*Graubner (2009) - http://www.fgs.uni-halle.de***Freeman, Emily (GBR) (1980)**

C FINAL - 2009 ISTAF (Berlin, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	14-Jun-09	time	3.22	4.25	5.24	7.22	9.25	11.33	11.33	11.33	11.33	/ 1			
reaction time	0.220	interval		1.03	0.99	1.98	2.03	2.08	PB			# of strides	4.25	2.97	
wind	0.9 m/s	velocity	6.21	9.71	10.10	10.10	10.10	9.85	9.62	8.83			7.06	10.10	

*Graubner (2009) - http://www.fgs.uni-halle.de***Frey, Carina (GER) (1994)**

FINAL - 2010 German National Youth Championships (Ulm, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	07-Aug-10	time	3.39	4.48	5.54	7.67	9.81	12.03	12.03	12.03	12.03	/ 7			
reaction time		interval		1.09	1.06	2.13	2.14	2.22				# of strides	4.48	3.19	
wind	-0.3 m/s	velocity	5.90	9.17	9.43	9.39	9.35	9.35	9.01	8.31			6.70	9.40	

*Graubner (2010) - http://www.fgs.uni-halle.de***Semi-Final 3 - 2010 German National Youth Championships (Ulm, GER)**

date	07-Aug-10	time	3.33	4.41	5.45	7.54	9.68	11.89	11.89	11.89	11.89	/ 2		
reaction time		interval		1.08	1.04	2.09	2.14	2.21	PB			# of strides	4.41	3.13
wind	0.5 m/s	velocity	6.01	9.26	9.62	9.57	9.35	9.05	8.41				6.80	9.58

*Graubner (2010) - http://www.fgs.uni-halle.de***Frey, Géraldine (SUI) (1997)**

Heat A - 2024 Weltklasse (Zürich, SUI)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	05-Sep-24	time	1.98	3.14	4.19	5.21	6.22	7.24	8.26	9.29	10.34	11.44	11.44	3 / 6	
reaction time	0.131	interval		1.16	1.05	1.02	1.01	1.02	1.02	1.03	1.05	1.10		# of strides	4.19 3.05 3.10
wind	-0.3 m/s	velocity	5.05	8.62	9.52	9.80	9.90	9.80	9.80	9.71	9.52	9.09	8.74		7.16 9.84 9.68

*Omega Timing (2024) - diamond league race analysis***Heat 5 - 2024 Olympic Games (Paris, FRA)**

date	02-Aug-24	time	2.05	3.20	4.24	5.26	6.24	7.23	8.24	9.25	10.28	11.34	11.34	7 / 5	
reaction time	0.144	interval		1.15	1.04	1.02	0.98	0.99	1.01	1.01	1.03	1.06		# of strides	4.24 2.99 3.05
wind	1.0 m/s	velocity	4.88	8.70	9.62	9.80	10.20	10.10	9.90	9.90	9.71	9.43	8.82		50.7 7.08 10.03 9.84

*Paris 2024 Olympic Games - Results Book (2024)***National FINAL - 2023 Weltklasse (Zürich, SUI)**

date	31-Aug-23	time	1.99	3.13	4.17	5.17	6.17	7.16	8.15	9.16	10.19	11.25	11.25	6 / 1	
reaction time	0.159	interval		1.14	1.04	1.00	1.00	0.99	0.99	1.01	1.03	1.06		# of strides	4.17 2.99 3.03
wind	-0.1 m/s	velocity	5.03	8.77	9.62	10.00	10.00	10.10	10.10	9.90	9.71	9.43	8.89		7.19 10.03 9.90

*Omega Timing (2023) - diamond league race analysis***B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)**

date	26-Aug-22	time	3.1	5.2	7.3	9.3	11.50	11.50	11.50	11.50	11.50	6 / 4	
reaction time	0.162	interval		2.10	2.10	2.00	2.20					# of strides	
wind	-0.3 m/s	velocity	6.45	9.52	9.52	10.00	9.09						8.70

*Omega Timing (2022) - diamond league race analysis***B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)**

date	26-Aug-21	time	3.3	5.4	7.4	9.5	11.64	11.64	11.64	11.64	11.64	7 / 4	
reaction time	0.163	interval		2.10	2.00	2.10	2.14					# of strides	
wind	1.2 m/s	velocity	6.06	9.52	10.00	9.52	9.35						8.59

*Omega Timing (2021) - diamond league race analysis***Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)**

date	27-Feb-16	time	4.47	7.67	9.38	11.50	11.50	11.50	11.50	11.50	11.50	/ 5	
reaction time		interval		3.20	3.20	3.20	3.20					# of strides	4.47 3.20
		velocity	6.71	9.38	9.38	9.38	9.38						7.82 6.71 9.38

*Swiss Athletics (2016) - sprint and hurdle analysis***Fujimori, Anna (JPN) (1994)**

Semi-Final 2 - 2017 National Sports Festival (Matsuyama, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	07-Oct-17	time	2.05	3.24	4.30	5.35	6.39	7.43	8.49	9.56	10.66	11.77	11.77	/ 2	
reaction time	0.132	interval		1.19	1.06	1.05	1.04	1.04	1.06	1.07	1.10	1.11		# of strides	4.30 3.13 3.23
wind	0.5 m/s	velocity	4.88	8.40	9.43	9.52	9.62	9.62	9.43	9.35	9.09	9.01	8.50		52.0 6.98 9.58 9.29

*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season***Heat 1 - 2014 Miko 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	2.07	3.22	4.29	5.33	6.35	7.37	8.41	9.45	10.51	11.61	11.61	4 / 2			
reaction time		interval		1.15	1.07	1.04	1.02	1.02	1.04	1.04	1.06	1.10		# of strides	4.29	3.08	3.14
wind	3.5 m/s	velocity	4.83	8.70	9.35	9.62	9.80	9.80	9.62	9.62	9.43	9.09	8.61	51.2	6.99	9.74	9.55
FINAL - 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	08-Jun-13	time	2.05	3.22	4.29	5.34	6.38	7.42	8.47	9.55	10.65	11.78	11.78	8 / 5			
reaction time		interval		1.17	1.07	1.05	1.04	1.04	1.05	1.08	1.10	1.13		# of strides	4.29	3.13	3.23
wind	0.0 m/s	velocity	4.88	8.55	9.35	9.52	9.62	9.62	9.52	9.26	9.09	8.85	8.49	50.5	6.99	9.58	9.29
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					6.53	7.57	8.65	9.78	10.90	12.09	12.09	8 / 6			
reaction time		interval						1.04	1.08	1.13	1.12	1.19		# of strides			3.33
wind	-0.3 m/s	velocity					7.66	9.62	9.26	8.85	8.93	8.40	8.27				9.01
Fujisawa, Sayaka (JPN) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	23-Sep-18	time	2.11	3.32	4.42	5.49	6.55	7.61	8.68	9.76	10.86	11.98	11.98	3 / 7			
reaction time	0.150	interval		1.21	1.10	1.07	1.06	1.06	1.07	1.08	1.10	1.12		# of strides	4.42	3.19	3.25
wind	-0.1 m/s	velocity	4.74	8.26	9.09	9.35	9.43	9.43	9.35	9.26	9.09	8.93	8.35	52.6	6.79	9.40	9.23
Heat 3 - 2017 Mikio Oda Memorial (Hiroshima, JPN)			<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
date	29-Apr-17	time	2.07	3.25	4.34	5.39	6.42	7.45	8.50	9.55	10.63	11.73	11.73	1 / 2			
reaction time		interval		1.18	1.09	1.05	1.03	1.03	1.05	1.05	1.08	1.10		# of strides	4.34	3.11	3.18
wind	2.3 m/s	velocity	4.83	8.47	9.17	9.52	9.71	9.71	9.52	9.52	9.26	9.09	8.53	50.9	6.91	9.65	9.43
Fujita, Haruka (JPN) (1992)			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	2.09	3.28	4.37	5.43	6.48	7.54	8.62	9.70	10.80	11.93	11.93	1 / 5			
reaction time		interval		1.19	1.09	1.06	1.05	1.06	1.08	1.08	1.10	1.13	PB	# of strides	4.37	3.17	3.26
wind	0.4 m/s	velocity	9.57	8.40	9.17	9.43	9.52	9.43	9.26	9.26	9.09	8.85	8.38	6.86	9.46	9.20	
Fuka Ido, Abbygail (JPN) (2001)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)			<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>														
date	05-Aug-19	time	2.05	3.24	4.33	5.38	6.42	7.46	8.51	9.58	10.67	11.78	11.78	1 / 6			
reaction time		interval		1.19	1.09	1.05	1.04	1.04	1.05	1.07	1.09	1.11	PB	# of strides	4.33	3.13	3.21
wind	-0.1 m/s	velocity	4.88	8.40	9.17	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.49	49.7	6.93	9.58	9.35
Fuksová, Karolína (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)			<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time		3.58				8.26		10.63		13.03	13.03	6 / 3			
reaction time	0.455	interval				2.35		2.33		2.37		2.40		# of strides			
wind	-4.3 m/s	velocity		5.59		8.51		8.58		8.44		8.33	7.67				
Fukushima, Chisato (JPN) (1988)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	23-Jun-18	time	2.04	3.22	4.30	5.34	6.36	7.39	8.42	9.47	10.55	11.66	11.66	6 / 2			
reaction time	0.145	interval		1.18	1.08	1.04	1.02	1.03	1.03	1.05	1.08	1.11		# of strides	4.30	3.09	3.16
wind	0.8 m/s	velocity	4.90	8.47	9.26	9.62	9.80	9.71	9.71	9.52	9.26	9.01	8.58	54.7	6.98	9.71	9.49
FINAL - 2018 Fuse Sprint (Tottori, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	03-Jun-18	time	2.02	3.19	4.25	5.27	6.28	7.28	8.30	9.33	10.38	11.46	11.46	4 / 3			
reaction time		interval		1.17	1.06	1.02	1.01	1.00	1.02	1.03	1.05	1.08		# of strides	4.25	3.03	3.10
wind	1.8 m/s	velocity	4.95	8.55	9.43	9.80	9.90	10.00	9.80	9.71	9.52	9.26	8.73	54.6	7.06	9.90	9.68
FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	20-May-18	time	2.04	3.20	4.26	5.28	6.29	7.30	8.32	9.35	10.41	11.49	11.49	6 / 4			
reaction time	0.136	interval		1.16	1.06	1.02	1.01	1.01	1.02	1.03	1.06	1.08		# of strides	4.26	3.04	3.11
wind	2.3 m/s	velocity	4.90	8.62	9.43	9.80	9.90	9.90	9.80	9.71	9.43	9.26	8.70	55.0	7.04	9.87	9.65
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	29-Apr-18	time	2.02	3.18	4.25	5.27	6.27	7.27	8.28	9.30	10.35	11.42	11.42	4 / 1			
reaction time		interval		1.16	1.07	1.02	1.00	1.00	1.01	1.02	1.05	1.07		# of strides	4.25	3.02	3.08
wind	1.3 m/s	velocity	4.95	8.62	9.35	9.80	10.00	10.00	9.90	9.80	9.52	9.35	8.76	55.2	7.06	9.93	9.74
Heat 1 - 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	2.05	3.20	4.25	5.29	6.30	7.32	8.35	9.40	10.46	11.55	11.55	1 / 2			
reaction time	0.145	interval		1.15	1.05	1.04	1.01	1.02	1.03	1.05	1.06	1.09		# of strides	4.25	3.07	3.14
wind	0.2 m/s	velocity	4.88	8.70	9.52	9.62	9.90	9.80	9.71	9.52	9.43	9.17	8.66	54.4	7.06	9.77	9.55
FINAL - 2016 National Sports Festival (Kitakami, JPN)			<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>														
date	08-Aug-16	time	2.01	3.16	4.24	5.29	6.32	7.35	8.39	9.46	10.55	11.66	11.66	7 / 1			

reaction time	0.135	interval	1.15	1.08	1.05	1.03	1.03	1.04	1.07	1.09	1.11	# of strides	4.24	3.11	3.20		
wind	2.0 m/s	velocity	4.98	8.70	9.26	9.52	9.71	9.71	9.62	9.35	9.17	9.01	8.58	53.6	7.08	9.65	9.38

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

date	25-Jun-16	time	2.01	3.15	4.21	5.24	6.26	7.27	8.30	9.34	10.38	11.45	11.45	7 / 1			
reaction time	0.141	interval	1.14	1.06	1.03	1.02	1.01	1.03	1.04	1.04	1.07			# of strides	4.21	3.06	3.11
wind	-0.2 m/s	velocity	4.98	8.77	9.43	9.71	9.80	9.90	9.71	9.62	9.62	9.35	8.73	53.3	7.13	9.80	9.65

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

date	28-Jun-15	time	2.01	3.15	4.21	5.24	6.26	7.28	8.31	9.35	10.42	11.50	11.50	7 / 1			
reaction time	0.132	interval	1.14	1.06	1.03	1.02	1.02	1.03	1.04	1.07	1.08			# of strides	4.21	3.07	3.14
wind	-0.3 m/s	velocity	4.98	8.77	9.43	9.71	9.80	9.80	9.71	9.62	9.35	9.26	8.70	53.5	7.13	9.77	9.55

Semi-Final 1 - 2015 Japanese National Championships (Niigata, JPN)*Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	28-Jun-15	time	2.01	3.13	4.18	5.20	6.21	7.21	8.23	9.28	10.34	11.42	11.42	6 / 1			
reaction time	0.137	interval	1.12	1.05	1.02	1.01	1.00	1.02	1.05	1.06	1.08			# of strides	4.18	3.03	3.13
wind	1.9 m/s	velocity	4.98	8.93	9.52	9.80	9.90	10.00	9.80	9.52	9.43	9.26	8.76	52.5	7.18	9.90	9.58

Heat 3 - 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	2.08	3.22	4.27	5.30	6.32	7.35	8.37	9.42	10.48	11.57	11.57	7 / 1			
reaction time		interval	1.14	1.05	1.03	1.02	1.03	1.02	1.05	1.06	1.09			# of strides	4.27	3.08	3.13
wind	1.1 m/s	velocity	4.81	8.77	9.52	9.71	9.80	9.71	9.80	9.52	9.43	9.17	8.64	52.0	7.03	9.74	9.58

A FINAL - 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	2.03	3.15	4.20	5.23	6.24	7.24	8.25	9.27	10.29	11.34	11.34	3 / 1			
reaction time		interval	1.12	1.05	1.03	1.01	1.00	1.01	1.02	1.02	1.05			# of strides	4.20	3.04	3.05
wind	0.3 m/s	velocity	4.93	8.93	9.52	9.71	9.90	10.00	9.90	9.80	9.80	9.52	8.82	54.0	7.14	9.87	9.84

Race 2 - 2011 Fuse Sprint (Tottori, JPN)*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

date	26-Jun-11	time	1.99	3.10	4.11	5.10	6.07	7.06	8.07	9.08	10.10	11.16	11.16	7 / 1			
reaction time		interval	1.11	1.01	0.99	0.97	0.99	1.01	1.01	1.02	1.06			# of strides	4.11	2.95	3.04
wind	3.4 m/s	velocity	5.03	9.01	9.90	10.10	10.31	10.10	9.90	9.90	9.80	9.43	8.96	51.5	7.30	10.17	9.87

Race 1 - 2011 Fuse Sprint (Tottori, JPN)*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

date	26-Jun-11	time	1.99	3.11	4.15	5.15	6.16	7.14	8.14	9.15	10.19	11.24	11.24	7 / 1			
reaction time		interval	1.12	1.04	1.00	1.01	0.98	1.00	1.01	1.04	1.05			# of strides	4.15	2.99	3.05
wind	-0.3 m/s	velocity	5.03	8.93	9.62	10.00	9.90	10.20	10.00	9.90	9.62	9.52	8.90	53.4	7.23	10.03	9.84

FINAL - 2010 Mikio Oda Memorial (Hiroshima, JPN)*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	29-Apr-10	time	1.96	3.09	4.13	5.14	6.14	7.13	8.13	9.14	10.17	11.21	11.21	1 / 1			
reaction time		interval	1.13	1.04	1.01	1.00	0.99	1.00	1.01	1.01	1.03	1.04	NR / PB	# of strides	4.13	3.00	3.04
wind	1.7 m/s	velocity	5.10	8.85	9.62	9.90	10.00	10.10	10.00	9.90	9.71	9.62	8.92	54.5	7.26	10.00	9.87

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

date	16-Aug-09	time	3.14	4.20	5.22		7.26		9.30		11.43	11.43	2 / 7		
reaction time	0.142	interval	1.06	1.02		2.04		2.04		2.13			# of strides	4.20	3.06
wind	0.8 m/s	velocity	6.37	9.43	9.80		9.80		9.80		9.39	8.75	53.5	7.14	9.80

Heat 1 - 2009 Japanese National Championships (Hiroshima, JPN)*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	27-Jun-09	time	2.02	3.16	4.20	5.22	6.23	7.23	8.23	9.25	10.30	11.32	11.32	7 / 1			
reaction time		interval	1.14	1.04	1.02	1.01	1.00	1.00	1.00	1.02	1.05	1.02		# of strides	4.20	3.03	3.07
wind	1.5 m/s	velocity	4.95	8.77	9.62	9.80	9.90	10.00	10.00	9.80	9.52	9.80	8.83	51.2	7.14	9.90	9.77

A FINAL - 2009 Mikio Oda Memorial (Hiroshima, JPN)*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	29-Apr-09	time	1.99	3.11	4.14	5.14	6.13	7.12	8.11	9.12	10.16	11.23	11.23	5 / 1			
reaction time		interval	1.12	1.03	1.00	0.99	0.99	0.99	1.01	1.04	1.07			# of strides	4.14	2.98	3.04
wind	2.2 m/s	velocity	5.03	8.93	9.71	10.00	10.10	10.10	10.10	9.90	9.62	9.35	8.90	52.0	7.25	10.07	9.87

FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	23-Sep-08	time	2.04	3.21	4.28	5.32	6.35	7.39	8.44	9.50	10.59	11.70	11.70	1 / 1			
reaction time		interval	1.17	1.07	1.04	1.03	1.04	1.04	1.05	1.06	1.09	1.11		# of strides	4.28	3.11	3.20
wind	-0.6 m/s	velocity	4.90	8.55	9.35	9.62	9.71	9.62	9.52	9.43	9.17	9.01	8.55		7.01	9.65	9.38

FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	06-Jul-08	time	2.06	3.20	4.24	5.25	6.25	7.26	8.28	9.32	10.40	11.49	11.49	1 / 1			
reaction time		interval	1.14	1.04	1.01	1.00	1.01	1.01	1.02	1.04	1.08	1.09		# of strides	4.24	3.02	3.14
wind	1.5 m/s	velocity	4.85	8.77	9.62	9.90	10.00	9.90	9.80	9.62	9.26	9.17	8.70		7.08	9.93	9.55

Heat 1 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	06-Jul-08	time	2.07	3.22	4.28	5.32	6.35	7.37	8.39	9.42	10.48	11.56	11.56	1 / 1			
reaction time		interval	1.15	1.06	1.04	1.03	1.02	1.02	1.03	1.06	1.08			# of strides	4.28	3.09	3.11

wind	1.1 m/s	velocity	4.83	8.70	9.43	9.62	9.71	9.80	9.80	9.71	9.43	9.26	8.65	7.01	9.71	9.65
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FINAL - 2008 Japanese National Championships (Kawasaki, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Jun-08	time	2.01	3.15	4.20	5.23	6.23	7.25	8.27	9.32	10.39	11.48	11.48	/ 1			
reaction time		interval		1.14	1.05	1.03	1.00	1.02	1.02	1.05	1.07	1.09		# of strides	4.20	3.05	3.14
wind	0.4 m/s	velocity	4.98	8.77	9.52	9.71	10.00	9.80	9.80	9.52	9.35	9.17	8.71		7.14	9.84	9.55

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	2.06	3.21	4.28	5.33	6.35	7.37	8.39	9.43	10.48	11.56	11.56	1 / 3			
reaction time		interval		1.15	1.07	1.05	1.02	1.02	1.02	1.04	1.05	1.08		# of strides	4.28	3.09	3.11
wind	1.2 m/s	velocity	4.85	8.70	9.35	9.52	9.80	9.80	9.80	9.62	9.52	9.26	8.65		7.01	9.71	9.65

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	2.04	3.16	4.21	5.22	6.22	7.22	8.23	9.24	10.28	11.36	11.36	/ 1			
reaction time		interval		1.12	1.05	1.01	1.00	1.00	1.01	1.01	1.04	1.08	NR / PB	# of strides	4.21	3.01	3.06
wind	1.7 m/s	velocity	4.90	8.93	9.52	9.90	10.00	10.00	9.90	9.90	9.62	9.26	8.80		7.13	9.97	9.80

Heat 3 - 2008 Mikio Oda Memorial (Hiroshima, JPN) *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Apr-08	time	2.01	3.17	4.24	5.29	6.32	7.34	8.37	9.40	10.45	11.53	11.53	/ 1			
reaction time		interval		1.16	1.07	1.05	1.03	1.02	1.03	1.03	1.05	1.08		# of strides	4.24	3.10	3.11
wind	0.7 m/s	velocity	4.98	8.62	9.35	9.52	9.71	9.80	9.71	9.71	9.52	9.26	8.67		7.08	9.68	9.65

Fukushima, Mio (JPN) (1995) *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				6.56	7.61	8.69	9.79	10.90	12.06	12.06	7 / 4			
reaction time		interval					1.05	1.08	1.10	1.11	1.16		# of strides			3.29
wind	-0.3 m/s	velocity				7.62	9.52	9.26	9.09	9.01	8.62	8.29				9.12

Fuler, Selina (SUI) (2003) *10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m*

B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI) *Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.14	3.36	4.47	5.54	6.59	7.65	8.72	9.80	10.89	12.02	12.02	8 / 8			
reaction time	0.135	interval		1.22	1.11	1.07	1.05	1.06	1.07	1.08	1.09	1.13		# of strides	4.47	3.18	3.24
wind	2.2 m/s	velocity	4.67	8.20	9.01	9.35	9.52	9.43	9.35	9.26	9.17	8.85	8.32		6.71	9.43	9.26

Furuhaug, Malin (NOR) (2002) *10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m*

Heat B - 2024 Weltklasse (Zürich, SUI) *Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.17	3.37	4.44	5.47	6.49	7.52	8.56	9.61	10.67	11.75	11.75	1 / 4			
reaction time	0.176	interval		1.20	1.07	1.03	1.02	1.03	1.04	1.05	1.06	1.08	PB	# of strides	4.44	3.08	3.15
wind	-0.5 m/s	velocity	4.61	8.33	9.35	9.71	9.80	9.71	9.62	9.52	9.43	9.26	8.51		6.76	9.74	9.52

Fynes, Savatheda (BAH) (1974) *10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m*

FINAL - 2000 Olympic Games (Sydney, AUS) *Veney - Sydney 100m women's splits*

date	24-Sep-00	time			4.05	6.19	7.23	8.17		10.14	11.22	11.22	8 / 7 6			
reaction time	0.253	interval				2.14	1.04	0.94		1.97	1.08		# of strides	4.05	3.18	2.91
wind	-0.4 m/s	velocity			7.41	9.35	9.62	10.64		10.15	9.26	8.91		7.41	9.43	10.31

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

date	01-Sep-00	time		3.06	4.07	5.05		6.98			11.03	11.03	/ 2 1			
reaction time	0.170	interval			1.01	0.98		1.93			4.05		# of strides	4.07	2.91	
wind	0.1 m/s	velocity		6.54	9.90	10.20		10.36			9.88	9.07		7.37	10.31	

Gaines, Chryste (USA) (1970) *10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m*

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

date	27-Jun-08	time	2.09	3.25	4.26	5.26	6.23	7.20	8.20	9.22	10.22	11.24	11.24	8 / 7			
reaction time		interval		1.16	1.01	1.00	0.97	0.97	1.00	1.02	1.00	1.02		# of strides	4.26	2.94	3.02
wind	0.7 m/s	velocity	4.78	8.62	9.90	10.00	10.31	10.31	10.00	9.80	10.00	9.80	8.90		7.04	10.20	9.93

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

date	27-Jun-08	time	2.07	3.20	4.22	5.22	6.19	7.15	8.16	9.13	10.14	11.15	11.15	3 / 4			
reaction time		interval		1.13	1.02	1.00	0.97	0.96	1.01	0.97	1.01	1.01		# of strides	4.22	2.93	2.99
wind	1.8 m/s	velocity	4.83	8.85	9.80	10.00	10.31	10.42	9.90	10.31	9.90	9.90	8.97		7.11	10.24	10.03

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	10-Jul-04	time	2.13	3.24	4.27	5.29	6.25	7.26	8.21	9.21	10.23	11.30	11.30	4 / 5			
reaction time		interval		1.11	1.03	1.02	0.96	1.01	0.95	1.00	1.02	1.07	DV	# of strides	4.27	2.99	2.97
wind	-0.1 m/s	velocity	4.69	9.01	9.71	9.80	10.42	9.90	10.53	10.00	9.80	9.35	8.85		50.5	7.03	10.03

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

date	09-Jul-04	time	2.12	3.27	4.31	5.34	6.29	7.29	8.28	9.26	10.33	11.39	11.39	7 / 2			
reaction time		interval		1.15	1.04	1.03	0.95	1.00	0.99	0.98	1.07	1.06	DV	# of strides	4.31	2.98	3.04
wind	-1.4 m/s	velocity	4.72	8.70	9.62	9.71	10.53	10.00	10.10	10.20	9.35	9.43	8.78		51.0	6.96	10.07

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

USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.07	3.27	4.25	5.22	6.21	7.17	8.18	9.17	10.19	11.21	11.21	11.21	1 / 5		
reaction time		interval		1.20	0.98	0.97	0.99	0.96	1.01	0.99	1.02	1.02	DV	# of strides	4.25	2.92	3.02
wind	-1.1 m/s	velocity	4.83	8.33	10.20	10.31	10.10	10.42	9.90	10.10	9.80	9.80	8.92		7.06	10.27	9.93

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

date	01-Sep-00	time	3.18	4.23	5.24		7.18					11.19	11.19	11.19	/ 5 4		
reaction time	0.150	interval		1.05	1.01		1.94					4.01			# of strides	4.23	2.95
wind	0.1 m/s	velocity	6.29	9.52	9.90		10.31					9.98	8.94			7.09	10.17

FINAL - 2000 USA Olympic Trials (Sacramento, CA)

Lyle - miscellaneous coaching notes

date	15-Jul-00	time	2.04	4.22		6.12	7.09			10.06	11.13	11.13	11.13	11.13	/ 3			
reaction time		interval		2.18		1.90	0.97			2.97	1.07				# of strides	4.22	2.87	2.97
wind	-1.0 m/s	velocity	4.90	4.59		10.53	10.31			10.10	9.35	8.98				7.11	10.45	10.10

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	1.94	4.19		6.06				9.93	10.96	10.96	10.96	10.96	5 / 5		
reaction time		interval		2.25		1.87				3.87	1.03	PB			# of strides	4.19	
wind	1.1 m/s	velocity	5.15	8.89		10.70				10.34	9.71	9.12				50.0	7.16

Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	2.00	4.22		6.10				10.00	11.02	11.02	11.02	11.02	5 / 2		
reaction time		interval		2.22		1.88				3.90	1.02	=PB			# of strides	4.22	
wind	0.2 m/s	velocity	5.00	9.01		10.64				10.26	9.80	9.07				47.8	7.11

FINAL - 1995 USATF National Championships (Sacramento, CA)

Lyle - miscellaneous coaching notes

date	16-Jun-95	time	1.94	3.18	4.26	5.28	6.30	7.31	8.33	9.35	10.37	11.45	11.45	11.45	4 / 5			
reaction time		interval		1.24	1.08	1.02	1.02	1.01	1.02	1.02	1.02	1.08			# of strides	4.26	3.05	3.06
wind	0.0 m/s	velocity	5.15	8.06	9.26	9.80	9.80	9.90	9.80	9.80	9.80	9.26	8.73			7.04	9.84	9.80

Gaither, TyNia (BAH) (1993)

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

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

Longines Timing (2022) - commonwealth games race analysis

date	03-Aug-22	time		3.1		5.2		7.1		9.1		11.23	11.23	11.23	2 / 7	
reaction time	0.125	interval				2.10		1.90		2.00		2.13			# of strides	
wind	0.4 m/s	velocity		6.45		9.52		10.53		10.00		9.39	8.90			53.2

FINAL - 2022 FBK Games (Hengelo, NED)

Omega Timing (2022) - continental tour race analysis

date	06-Jun-22	time		3.1		5.2		7.2		9.1		11.23	11.23	11.23	4 / 2	
reaction time	0.134	interval				2.10		2.00		1.90		2.13			# of strides	
wind	0.8 m/s	velocity		6.45		9.52		10.00		10.53		9.39	8.90			53.5

Galet, Chloé (FRA) (2001)

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

FINAL - 2024 Meeting de Paris (Paris, FRA)

Omega Timing (2024) - diamond league race analysis

date	07-Jul-24	time	2.08	3.23	4.29	5.30	6.31	7.32	8.33	9.35	10.39	11.51	11.51	11.51	1 / 8				
reaction time	0.165	interval		1.15	1.06	1.01	1.01	1.01	1.02	1.04	1.12				# of strides	4.29	3.03	3.07	
wind	-2.0 m/s	velocity	4.81	8.70	9.43	9.90	9.90	9.90	9.80	9.62	8.93	8.69				50.0	6.99	9.90	9.77

Gallignani, Laura (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	???	time	1.92	3.22	4.31	5.35	6.36	7.43				12.01	12.01	12.01			
reaction time	???	interval		1.30	1.09	1.04	1.01	1.07				4.58			# of strides	4.31	3.12
wind	???	velocity	5.21	7.69	9.17	9.62	9.90	9.35				8.73	8.33			6.96	9.62

Gallina, Giada (ITA) (1973)

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	???	time	1.92	3.20	4.28	5.31	6.30	7.31				11.65	11.65	11.65	/ 1		
reaction time	???	interval		1.28	1.08	1.03	0.99	1.01				4.34			# of strides	4.28	3.03
wind	???	velocity	5.21	7.81	9.26	9.71	10.10	9.90				9.22	8.58			7.01	9.90

Gandulla, Arialis (POR) (1995)

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

National FINAL - 2023 Weltklasse (Zürich, SUI)

Omega Timing (2023) - diamond league race analysis

date	31-Aug-23	time	2.10	3.26	4.32	5.33	6.33	7.33	8.33	9.35	10.39	11.45	11.45	11.45	3 / 7			
reaction time	0.158	interval		1.16	1.06	1.01	1.00	1.00	1.00	1.02	1.04	1.06			# of strides	4.32	3.01	3.06
wind	-0.1 m/s	velocity	4.76	8.62	9.43	9.90	10.00	10.00	10.00	9.80	9.62	9.43	8.73			6.94	9.97	9.80

Garcia, Yunisleidy (CUB) (1999)

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

Heat 2 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.05	3.21	4.26	5.27	6.25	7.24	8.26	9.27	10.31	11.37	11.37	11.37	8 / 5				
reaction time	0.162	interval		1.16	1.05	1.01	0.98	0.99	1.02	1.01	1.04	1.06			# of strides	4.26	2.98	3.07	
wind	-0.8 m/s	velocity	4.88	8.62	9.52	9.90	10.20	10.10	9.80	9.90	9.62	9.43	8.80			50.5	7.04	10.07	9.77

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Gaspirelli, Alessandra (SMR) (2004)																	
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.07	3.26	4.32	5.35	6.36	7.36	8.40	9.43	10.47	11.54	11.54	2 / 7			
reaction time	0.140	interval		1.19	1.06	1.03	1.01	1.00	1.04	1.03	1.04	1.07	NR PB	# of strides	4.32	3.04	3.11
wind	1.2 m/s	velocity	4.83	8.40	9.43	9.71	9.90	10.00	9.62	9.71	9.62	9.35	8.67	51.0	6.94	9.87	9.65
Prelim 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	1.84	3.01	4.06	5.09	6.09	7.11	8.16	9.19	10.28	11.62	11.62	5 / 2			
reaction time	0.144	interval		1.17	1.05	1.03	1.00	1.02	1.05	1.03	1.09	1.34		# of strides	4.06	3.05	3.17
wind	0.0 m/s	velocity	5.43	8.55	9.52	9.71	10.00	9.80	9.52	9.71	9.17	7.46	8.61	51.0	7.39	9.84	9.46
Ge Manqi (CHN) (1997)																	
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.06	3.21	4.27	5.29	6.30	7.31	8.33	9.35	10.38	11.45	11.45	9 / 6			
reaction time	0.162	interval		1.15	1.06	1.02	1.01	1.01	1.02	1.02	1.03	1.07		# of strides	4.27	3.04	3.07
wind	1.2 m/s	velocity	4.85	8.70	9.43	9.80	9.90	9.90	9.80	9.80	9.71	9.35	8.73	51.7	7.03	9.87	9.77
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>					
date	02-Aug-19	time	2.08	3.20	4.27	5.30	6.31	7.32	8.34	9.37	10.41	11.49	11.49	6 / 3			
reaction time		interval		1.12	1.07	1.03	1.01	1.01	1.02	1.03	1.04	1.08		# of strides	4.27	3.05	3.09
wind	-1.2 m/s	velocity	4.81	8.93	9.35	9.71	9.90	9.90	9.80	9.71	9.62	9.26	8.70		7.03	9.84	9.71
Heat 2 - 2017 National Grand Prix Final (Guiyang, CHN) (Altitude)												<i>Jiang (2017) CAA sport science report</i>					
date	25-Jun-17	time	1.90	3.06	4.12	5.13	6.13	7.14	8.15	9.20	10.26	11.34	11.52	/ 1			
reaction time		interval		1.16	1.06	1.01	1.00	1.01	1.01	1.05	1.06	1.08		# of strides	4.12	3.02	3.12
wind	0.9 m/s	velocity	5.26	8.62	9.43	9.90	10.00	9.90	9.90	9.52	9.43	9.26	8.68	52.0	7.28	9.93	9.62
Geflikh, Anna (RUS) (1983)																	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	16-Aug-09	time		3.23	4.28	5.29		7.32		9.33		11.46	11.46	7 / 5			
reaction time	0.199	interval			1.05	1.01		2.03		2.01		2.13		# of strides	4.28	3.04	
wind	0.1 m/s	velocity		6.19	9.52	9.90		9.85		9.95		9.39	8.73	48.0	7.01	9.87	
Heat 8 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	16-Aug-09	time		3.22	4.27	5.28		7.32		9.35		11.47	11.47	4 / 2			
reaction time	0.166	interval			1.05	1.01		2.04		2.03		2.12		# of strides	4.27	3.05	
wind	1.1 m/s	velocity		6.21	9.52	9.90		9.80		9.85		9.43	8.72		7.03	9.84	
Gerulová, Emily (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	2.14	3.35	4.49	5.63	6.76	7.93	9.10	10.27	11.46	12.68	12.68	2 / 2			
reaction time	0.158	interval		1.21	1.14	1.14	1.13	1.17	1.17	1.17	1.19	1.22		# of strides	4.49	3.44	3.53
wind	-6.4 m/s	velocity	4.67	8.26	8.77	8.77	8.85	8.55	8.55	8.55	8.40	8.20	7.89		6.68	8.72	8.50
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		3.33		5.56		7.80		10.12		12.51	12.51	5 / 2			
reaction time	0.154	interval				2.23		2.24		2.32		2.39		# of strides			
wind	-4.3 m/s	velocity		6.01		8.97		8.93		8.62		8.37	7.99				
Gevaert, Kim (BEL) (1978)																	
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Sep-07	time		3.16	4.19	5.19		7.18		9.21		11.29	11.29	7 / 4			
reaction time	0.143	interval			1.03	1.00		1.99		2.03		2.08		# of strides	4.19	2.99	
wind	-0.6 m/s	velocity		6.33	9.71	10.00		10.05		9.85		9.62	8.86		7.16	10.03	
FINAL - 2007 IAAF World Championships (Osaka, JPN)												<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>					
date	27-Aug-07	time	1.98	3.10	4.11	5.10	6.08	7.04	8.02	9.01	10.01	11.05	11.05	3 / 5			
reaction time	0.143	interval		1.12	1.01	0.99	0.98	0.96	0.98	0.99	1.00	1.04		# of strides	4.11	2.93	
wind	-0.2 m/s	velocity	5.05	8.93	9.90	10.10	10.20	10.42	10.20	10.10	10.00	9.62	9.05		7.30	10.24	
FINAL - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	07-Aug-02	time		3.15	4.19	5.19		7.17		9.18		11.23	11.22	/ 2			
reaction time	0.139	interval			1.04	1.00		1.98		2.01		2.05		# of strides	4.19	2.98	
wind	-0.7 m/s	velocity		6.35	9.62	10.00		10.10		9.95		9.76	8.91	47.8	7.16	10.07	
Semi-Final 1 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	07-Aug-02	time		3.15	4.19	5.19		7.17		9.17		11.27	11.27	/ 1			
reaction time	0.138	interval			1.04	1.00		1.98		2.00		2.10		# of strides	4.19	2.98	
wind	0.0 m/s	velocity		6.35	9.62	10.00		10.10		10.00		9.52	8.87		7.16	10.07	

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

date	06-Aug-02	time	3.14	4.17	5.17	7.13	9.13	11.19	11.19	/ 1
reaction time	0.140	interval		1.03	1.00	1.96	2.00	2.06		# of strides 4.17 2.96
wind	0.0 m/s	velocity	6.37	9.71	10.00	10.20	10.00	9.71	8.94	7.19 10.14

Gjesbakk, Vilde (NOR) (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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C FINAL - 2014 Windsprint (Sundsvall, SWE) (2014) - www.ssg.se/windsprint/Splittider/

date	20-Jul-14	time	4.62			7.98	10.27	12.67	12.67	7 / 7
reaction time		interval				3.36	2.29	2.40		# of strides 4.62 3.36
wind	0.7 m/s	velocity	6.49			8.93	8.73	8.33	7.89	6.49 8.93

Glenn, Gabrielle (USA) (1989)**FINAL - 2008 USATF National Junior Championships (Columbus, OH)** USATF Women's Sprint Development with HPC (2008)

date	20-Jun-08	time	2.16	3.28	4.32	5.36	6.37	7.36	8.39	9.43	10.48	11.56	11.56	1 / 5
reaction time		interval		1.12	1.04	1.04	1.01	0.99	1.03	1.04	1.05	1.08		# of strides 4.32 3.04 3.12
wind	1.3 m/s	velocity	4.63	8.93	9.62	9.62	9.90	10.10	9.71	9.62	9.52	9.26	8.65	6.94 9.87 9.62

Gloor, Michelle (SUI) (2000)**B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)** Omega Timing (2021) - *diamond league race analysis*

date	26-Aug-21	time	3.3			5.4	7.5	9.5	11.62	11.62	2 / 3
reaction time	0.164	interval				2.10	2.10	2.00	2.12	PB	# of strides
wind	1.2 m/s	velocity	6.06			9.52	9.52	10.00	9.43	8.61	

Gnafoua, Floriane (FRA) (1996)**B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)** Omega Timing (2022) - *diamond league race analysis*

date	26-Aug-22	time	3.2			5.3	7.3	9.4	11.67	11.67	7 / 2
reaction time	0.177	interval				2.10	2.00	2.10	2.27		# of strides
wind	-2.7 m/s	velocity	6.25			9.52	10.00	9.52	8.81	8.57	

Godbles, Tima (NGR) (2004)**Heat 7 - 2024 Olympic Games (Paris, FRA)** Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.00	3.13	4.17	5.18	6.17	7.16	8.18	9.19	10.24	11.33	11.33	3 / 6
reaction time	0.153	interval		1.13	1.04	1.01	0.99	0.99	1.02	1.01	1.05	1.09		# of strides 4.17 2.99 3.08
wind	-0.2 m/s	velocity	5.00	8.85	9.62	9.90	10.10	10.10	9.80	9.90	9.52	9.17	8.83	50.0 7.19 10.03 9.74

Göhr, Marlies (GDR) (1958)**Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)** Brüggemann (1990) - *scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

date	25-Sep-88	time	2.07	3.20	4.24	5.22	6.18	7.12	8.11	9.11	10.12	11.13	11.13	4 / 6
reaction time	0.160	interval		1.13	1.04	0.98	0.96	0.94	0.99	1.00	1.01	1.01		# of strides 4.24 2.88 3.00
wind	0.5 m/s	velocity	4.83	8.85	9.62	10.20	10.42	10.64	10.10	10.00	9.90	9.90	8.98	7.08 10.42 10.00

FINAL - 1987 European Cup (Prague, TCH)Sušanka (1987) - *hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.03	3.19	4.17	5.14	6.10	7.04	8.00	8.98	9.97	10.95	10.95	5 / 1
reaction time		interval		1.16	0.98	0.97	0.96	0.94	0.96	0.98	0.99	0.98		# of strides 4.17 2.87 2.93
wind	-0.4 m/s	velocity	4.93	8.62	10.20	10.31	10.42	10.64	10.42	10.20	10.10	10.20	9.13	55.0 7.19 10.45 10.24

FINAL - 1983 IAAF World Championships (Helsinki, FIN)Moravec (1986) - *IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time	3.08	4.10	5.08	6.04	6.98	7.96	8.93	10.97	10.97	8 / 1
reaction time	0.131	interval		1.02	0.98	0.96	0.94	0.98	0.97	2.04	CR	# of strides 4.10 2.88
wind	-0.5 m/s	velocity	6.49	9.80	10.20	10.42	10.64	10.20	10.31	9.80	9.12	56.0 7.32 10.42

A FINAL - 1983 Olympischen Tag (East Berlin, GDR)Bauersfeld (1992) - *Grundlagen der leichtathletik: das standerwerk für ausbildung und praxis*

date	08-Jun-83	time	4.14			6.98	8.86	10.81	10.81	/ 1
reaction time		interval				2.84	1.88	1.95	WR	# of strides 4.14 2.84
wind	1.7 m/s	velocity	7.25			10.56	10.64	10.26	9.25	7.25 10.56

Oelsner, Marlies (GDR) (1958)**FINAL - 1977 East German National Championships (Dresden, GDR)** Heß (1978) - *geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76*

date	01-Jul-77	time	4.12			7.00	8.92	10.88	10.88	4 / 1
reaction time		interval				2.88	1.92	1.96	WR / WYB	# of strides 4.12 2.88
wind	2.0 m/s	velocity	7.28			10.42	10.42	10.20	9.19	55.0 7.28 10.42

Goodwin, Deanna (USA) (1985)**FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)** USATF Women's Sprint Development (2003)

date	22-Jun-03	time	2.18	3.37	4.47	5.54	6.59	7.64	8.68	9.77	10.89	11.99	11.99	8 / 8
reaction time		interval		1.19	1.10	1.07	1.05	1.05	1.04	1.09	1.12	1.10		# of strides 4.47 3.17 3.25
wind	0.7 m/s	velocity	4.59	8.40	9.09	9.35	9.52	9.62	9.17	8.93	9.09	8.34		6.71 9.46 9.23

Graham, Nolle (USA) (1981)**Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)** USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.14	3.30	4.35	5.41	6.45	7.51	8.53	9.60	10.69	11.80	11.80	7 / 8 6
reaction time		interval		1.16	1.05	1.06	1.04	1.06	1.02	1.07	1.09	1.11		# of strides 4.35 3.16 3.18

wind -0.1 m/s velocity 4.67 8.62 9.52 9.43 9.62 9.43 9.80 9.35 9.17 9.01 8.47 51.0 6.90 9.49 9.43

Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date 09-Jul-04 time 2.14 3.31 4.36 5.37 6.39 7.42 8.45 9.53 10.56 11.70 11.70 7 / 5
 reaction time interval 1.17 1.05 1.01 1.02 1.03 1.03 1.08 1.03 1.14 # of strides 4.36 3.06 3.14
 wind -0.8 m/s velocity 4.67 8.55 9.52 9.90 9.80 9.71 9.71 9.26 9.71 8.77 8.55 52.0 6.88 9.80 9.55

Green, Francesca (USA) (1977)

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

FINAL - 1996 USATF National Junior Championships (Delaware, OH)

USATF Women's Sprint Development (1996)

date 28-Jun-96 time 2.13 4.44 6.37 7.40 10.53 11.76 11.76 1 / 6
 reaction time interval 2.31 1.93 1.03 3.13 1.23 # of strides 4.44 2.96 3.13
 wind 0.5 m/s velocity 4.69 8.66 10.36 9.71 9.58 8.13 8.50 6.76 10.14 9.58

Griffith-Joyner, Florence (USA) (1959)

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

FINAL - 1988 Olympic Games (Seoul, KOR)

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

date 25-Sep-88 time 2.00 3.09 4.09 5.04 5.97 6.89 7.80 8.71 9.62 10.54 10.54 3 / 1
 reaction time 0.131 interval 1.09 1.00 0.95 0.93 0.92 0.91 0.91 0.91 0.92 # of strides 4.09 2.80 2.73
 wind 3.0 m/s velocity 5.00 9.17 10.00 10.53 10.75 10.87 10.99 10.99 10.99 10.87 9.49 47.6 7.33 10.71 10.99

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

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

date 25-Sep-88 time 2.01 3.12 4.14 5.13 6.07 6.99 7.92 8.84 9.76 10.70 10.70 5 / 1
 reaction time 0.336 interval 1.11 1.02 0.99 0.94 0.92 0.93 0.92 0.92 0.94 # of strides 4.14 2.85 2.77
 wind 2.6 m/s velocity 4.98 9.01 9.80 10.10 10.64 10.87 10.75 10.87 10.87 10.64 9.35 7.25 10.53 10.83

FINAL - 1988 USA Olympic Trials (Indianapolis, IN)

Veney - Split times from PJ

date 17-Jul-88 time 4.07 6.90 8.74 10.61 10.61 / 1
 reaction time 0.12 interval 2.83 1.84 1.87 # of strides 4.07 2.83
 wind 1.2 m/s velocity 7.37 10.60 10.87 10.70 9.43 7.37 10.60

Quarter-Final 1 - 1988 USA Olympic Trials (Indianapolis, IN)

Veney - Split times from PJ

date 16-Jul-88 time 5.05 5.97 6.87 7.76 8.66 9.56 10.49 10.49 5 / 1
 reaction time interval 0.92 0.90 0.89 0.90 0.90 0.93 **WR** # of strides 2.69
 wind 0.0 m/s velocity 7.92 10.87 11.11 11.24 11.11 11.11 10.75 9.53 47.5 11.15

Grønneberg, Alvide (NOR) (1992)

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

C FINAL - 2014 Windsprint (Sundsvall, SWE)

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

date 20-Jul-14 time 4.42 7.66 9.87 12.13 12.13 4 / 1
 reaction time interval 3.24 2.21 2.26 # of strides 4.42 3.24
 wind 0.7 m/s velocity 6.79 9.26 9.05 8.85 8.24 6.79 9.26

Grønhaug, Stine Marie (NOR) (1992)

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 4.72 8.07 10.32 12.68 12.68 / 1
 reaction time interval 3.35 2.25 2.36 # of strides 4.72 3.35
 wind 0.9 m/s velocity 6.36 8.96 8.89 8.47 7.89 6.36 8.96

Guidry, Carlette (USA) (1968)

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 1.99 4.23 6.12 10.03 11.07 11.07 2 / 7
 reaction time interval 2.24 1.89 3.91 1.04 # of strides 4.23
 wind 1.1 m/s velocity 5.03 8.93 10.58 10.23 9.62 9.03 47.0 7.09

Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date 15-Jun-96 time 2.08 4.03 6.17 10.06 11.06 11.06 4 / 3
 reaction time interval 1.95 2.14 3.89 1.00 # of strides 4.03
 wind 1.1 m/s velocity 4.81 10.26 9.35 10.28 10.00 9.04 47.5 7.44

FINAL - 1995 USATF National Championships (Sacramento, CA)

Lyle - miscellaneous coaching notes

date 16-Jun-95 time 1.92 3.15 4.18 5.19 6.14 7.12 8.08 9.08 10.08 11.12 11.12 6 / 2
 reaction time interval 1.23 1.03 0.95 0.98 0.96 1.00 1.00 1.04 # of strides 4.18 2.94 2.96
 wind 0.0 m/s velocity 5.21 8.13 9.71 9.90 10.53 10.20 10.42 10.00 10.00 9.62 8.99 7.18 10.20 10.14

FINAL - 1990 Goodwill Games (Seattle, WA)

Lyle (1990) - goodwill games women's 100m splits

date 24-Jul-90 time 2.04 3.15 4.19 5.16 6.13 7.05 8.02 9.99 11.02 11.03 6 / 1
 reaction time interval 1.11 1.04 0.97 0.97 0.92 0.97 1.97 1.03 **PB** # of strides 4.19 2.86 2.94
 wind 0.0 m/s velocity 4.90 9.01 9.62 10.31 10.31 10.87 10.31 10.15 9.71 9.07 7.16 10.49 10.20

Günther, Leena (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 3.36 4.41 5.43 7.44 9.47 11.54 11.54 / 1
 reaction time interval 1.05 1.02 2.01 2.03 2.07 # of strides 4.41 3.03

wind	0.4 m/s	velocity	5.95	9.52	9.80	9.95	9.85	9.66	8.67	6.80	9.90								
Gutschmidt, Melissa (SUI) (2002)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
National FINAL - 2023 Weltklasse (Zürich, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	31-Aug-23	time	2.07	3.21	4.26	5.26	6.26	7.25	8.26	9.28	10.32	11.39	11.39	2 / 3					
reaction time	0.171	interval	1.14	1.05	1.00	1.00	0.99	1.01	1.02	1.04	1.07			# of strides	4.26	2.99	3.07		
wind	-0.1 m/s	velocity	4.83	8.77	9.52	10.00	10.00	10.10	9.90	9.80	9.62	9.35	8.78		7.04	10.03	9.77		
B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>						
date	26-Aug-22	time	3.2		5.3		7.4		9.5		11.82	11.82	5 / 5						
reaction time	0.173	interval			2.10		2.10		2.10		2.32			# of strides					
wind	-2.7 m/s	velocity	6.25		9.52		9.52		9.52		8.62		8.46						
B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>						
date	26-Aug-21	time	3.3		5.3		7.3		9.3		11.37	11.37	4 / 1						
reaction time	0.143	interval			2.00		2.00		2.00		2.07	PB		# of strides					
wind	1.2 m/s	velocity	6.06		10.00		10.00		10.00		9.66	8.80							
Guy, LaDedra (USA) (1984)			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)													<i>USATF Women's Sprint Development with HPC (2008)</i>						
date	27-Jun-08	time	2.08	3.18	4.22	5.22	6.19	7.16	8.13	9.14	10.13	11.17	11.17	1 / 6					
reaction time		interval	1.10	1.04	1.00	0.97	0.97	0.97	1.01	0.99	1.04			# of strides	4.22	2.94	2.97		
wind	2.3 m/s	velocity	4.81	9.09	9.62	10.00	10.31	10.31	10.31	9.90	10.10	9.62	8.95		7.11	10.20	10.10		
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>						
date	27-Jun-08	time	2.10	3.24	4.27	5.28	6.24	7.25	8.29	9.26	10.24	11.25	11.25	8 / 3					
reaction time		interval	1.14	1.03	1.01	0.96	1.01	1.04	0.97	0.98	1.01			# of strides	4.27	2.98	2.99		
wind	2.2 m/s	velocity	4.76	8.77	9.71	9.90	10.42	9.90	9.62	10.31	10.20	9.90	8.89		7.03	10.07	10.03		
Haase, Rebekka (GER) (1993)			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 Olympic Games - Results Book (2024)</i>						
date	02-Aug-24	time	2.07	3.21	4.25	5.24	6.20	7.19	8.17	9.18	10.21	11.28	11.28	7 / 5					
reaction time	0.154	interval	1.14	1.04	0.99	0.96	0.99	0.98	1.01	1.03	1.07			# of strides	4.25	2.94	3.02		
wind	-0.2 m/s	velocity	4.83	8.77	9.62	10.10	10.42	10.10	10.20	9.90	9.71	9.35	8.87	50.0	7.06	10.20	9.93		
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2020) - diamond league race analysis</i>						
date	23-Aug-20	time	3.3		5.4		7.3		9.3		11.32	11.32	3 / 4						
reaction time	0.141	interval			2.10		1.90		2.00		2.02			# of strides					
wind	1.3 m/s	velocity	6.06		9.52		10.53		10.00		9.90	8.83		50.2					
FINAL - 2010 German National Youth Championships (Ulm, GER)													<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>						
date	07-Aug-10	time	3.40	4.49	5.55		7.64		9.76		11.95	11.95	1 / 3						
reaction time		interval	1.09	1.06		2.09		2.12		2.19				# of strides	4.49	3.15			
wind	-0.3 m/s	velocity	5.88	9.17	9.43		9.57		9.43		9.13	8.37			6.68	9.52			
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	3.38	4.47	5.52		7.60		9.71		11.87	11.87	1 / 1						
reaction time		interval	1.09	1.05		2.08		2.11		2.16				# of strides	4.47	3.13			
wind	0.0 m/s	velocity	5.92	9.17	9.52		9.62		9.48		9.26	8.42			6.71	9.58			
Hackett, Semoy (TTO) (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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>						
date	17-Aug-09	time	3.16	4.25	5.25		7.30		9.34		11.45	11.45	7 / 7						
reaction time	0.131	interval		1.09	1.00		2.05		2.04		2.11			# of strides	4.25	3.05			
wind	-0.1 m/s	velocity	6.33	9.17	10.00		9.76		9.80		9.48	8.73			7.06	9.84			
Quarter-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	3.17	4.22	5.24		7.26		9.28		11.37	11.37	8 / 3						
reaction time	0.143	interval		1.05	1.02		2.02		2.02		2.09			# of strides	4.22	3.04			
wind	-0.3 m/s	velocity	6.31	9.52	9.80		9.90		9.90		9.57	8.80			7.11	9.87			
Heat 6 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>						
date	16-Aug-09	time	3.18	4.23	5.24		7.27		9.27		11.36	11.36	8 / 3						
reaction time	0.157	interval		1.05	1.01		2.03		2.00		2.09			# of strides	4.23	3.04			
wind	-0.6 m/s	velocity	6.29	9.52	9.90		9.85		10.00		9.57	8.80			7.09	9.87			
Hallberg Hossain, Ayla (SWE) (2006)			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	2.16	3.36	4.47	5.54	6.59	7.64	8.70	9.76	10.83	11.91	11.91	7 / 6					
reaction time	0.156	interval		1.20	1.11	1.07	1.05	1.05	1.06	1.06	1.07	1.08		# of strides	4.47	3.17	3.19		
wind	-0.3 m/s	velocity	4.63	8.33	9.01	9.35	9.52	9.52	9.43	9.43	9.35	9.26	8.40		6.71	9.46	9.40		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hamann, Monika (GDR) (1954)																
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		4.16		7.10		9.03		11.03		11.03	2 / 2			
reaction time		interval				2.94		1.93		2.00		PB	# of strides	4.16	2.94	
wind	2.0 m/s	velocity		7.21		10.20		10.36		10.00		9.07	53.5	7.21	10.20	
FINAL - 1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR) <i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>																
date	25-Jun-77	time		4.22		7.22		9.22		11.28		11.28	1 / 1			
reaction time		interval				3.00		2.00		2.06			# of strides	4.22	3.00	
wind	???	velocity		7.11		10.00		10.00		9.71		8.87		7.11	10.00	
FINAL - 1973 East German Spitzenklasse (Dresden, GDR) <i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>																
date	20-Jul-73	time		4.26		7.30		9.32		11.45		11.45	1 / 2			
reaction time		interval				3.04		2.02		2.13			# of strides	4.26	3.04	
wind	1.8 m/s	velocity		7.04		9.87		9.90		9.39		8.73		7.04	9.87	
Hammond, Janeya (USA)																
U20 FINAL - 2020 Millrose Games (New York, NY) <i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>																
date	08-Feb-20	time	2.30	3.51	4.61	5.72	6.84	7.97				7.97	2 / 8			
reaction time		interval	1.21	1.10	1.11	1.12	1.13						# of strides	4.61	3.36	
wind		velocity	4.35	8.26	9.09	9.01	8.93	8.85				7.53		6.51	8.93	
Hamrén, Malin (SWE) (1986)																
B FINAL - 2007 Windsprint (Sundsvall, SWE) <i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	24-Jul-07	time		4.64		8.08		10.45		12.89		12.89	1 / 4			
reaction time		interval				3.44		2.37		2.44			# of strides	4.64	3.44	
wind	0.9 m/s	velocity		6.47		8.72		8.44		8.20		7.76		6.47	8.72	
Hanae, Aoyama (JPN) (2002)																
FINAL - 2020 Japanese National Championships (Niigata, JPN) <i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>																
date	02-Oct-20	time	2.00	3.17	4.25	5.29	6.33	7.36	8.41	9.49	10.59	11.72	8 / 4			
reaction time	0.121	interval	1.17	1.08	1.04	1.04	1.03	1.05	1.08	1.10	1.13		# of strides	4.25	3.11	3.23
wind	0.5 m/s	velocity	5.00	8.55	9.26	9.62	9.62	9.71	9.52	9.26	9.09	8.85	8.53	7.06	9.65	9.29
Harmon, Donita (USA) (1983)																
FINAL - 2009 Windsprint (Sundsvall, SWE) <i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	25-Jul-09	time		4.41		7.55		9.64		11.85		11.85	1 / 4			
reaction time		interval				3.14		2.09		2.21			# of strides	4.41	3.14	
wind	2.0 m/s	velocity		6.80		9.55		9.57		9.05		8.44		6.80	9.55	
FINAL - 2008 Windsprint (Sundsvall, SWE) <i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	06-Jul-08	time		4.38		7.42		9.53		11.63		11.63	2 / 3			
reaction time		interval				3.04		2.11		2.10			# of strides	4.38	3.04	
wind	1.0 m/s	velocity		6.85		9.87		9.48		9.52		8.60		6.85	9.87	
Harrigan, Tahesia (IVB) (1982)																
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER) <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	17-Aug-09	time	3.14	4.19	5.20		7.24		9.25		11.34	11.34	8 / 7			
reaction time	0.146	interval		1.05	1.01		2.04		2.01		2.09		# of strides	4.19	3.05	
wind	-0.1 m/s	velocity		6.37	9.52	9.90	9.80		9.95		9.57	8.82		7.16	9.84	
Quarter-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	3.11	4.14	5.14		7.14		9.12		11.21	11.21	4 / 3			
reaction time	0.150	interval		1.03	1.00		2.00		1.98		2.09		# of strides	4.14	3.00	
wind	0.8 m/s	velocity		6.43	9.71	10.00	10.00		10.10		9.57	8.92		49.7	7.25	10.00
Heat 7 - 2009 IAAF World Championships (Berlin, GER) <i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	16-Aug-09	time	3.14	4.18	5.19		7.23		9.27		11.39	11.39	7 / 2			
reaction time	0.160	interval		1.04	1.01		2.04		2.04		2.12		# of strides	4.18	3.05	
wind	-0.5 m/s	velocity		6.37	9.62	9.90	9.80		9.80		9.43	8.78		7.18	9.84	
FINAL - 2009 ISTAF (Berlin, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																
date	14-Jun-09	time	3.17	4.22	5.23		7.26		9.35		11.47	11.47	1 / 9			
reaction time	0.180	interval		1.05	1.01		2.03		2.09		2.12		# of strides	4.22	3.04	
wind	0.1 m/s	velocity		6.31	9.52	9.90	9.85		9.57		9.43	8.72		7.11	9.87	
Hasegawa, Aiki (JPN) (1999)																
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) <i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>																
date	30-Jul-17	time		4.40		7.75				11.23	12.44	12.44	9 / 8			
reaction time	0.163	interval				3.35				3.48	1.21		# of strides	4.40	3.35	3.48

wind	-3.0 m/s	velocity	6.82			8.96		8.62	8.26	8.04		6.82	8.96	8.62			
Hashizume, Sakina (JPN) (1993)	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)											<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>						
date	30-Jul-10	time	2.11	3.34	5.59	6.68	7.79	8.92	10.05	11.18	12.35	12.35	3 / 2				
reaction time		interval	1.23		2.25	1.09	1.11	1.13	1.13	1.13	1.17		# of strides		3.33		
wind	-3.2 m/s	velocity	4.74	8.13	8.89	9.17	9.01	8.85	8.85	8.85	8.55	8.10			9.01		
Hassel, Julia (SWE) (1994)	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		4.77			8.16		10.45		12.81	12.81	6 / 5				
reaction time		interval				3.39		2.29		2.36			# of strides	4.77	3.39		
wind	2.1 m/s	velocity		6.29		8.85		8.73		8.47	7.81			6.29	8.85		
C FINAL - 2010 Windsprint (Sundsvall, SWE)											<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>						
date	08-Aug-10	time		4.72			8.05		10.26		12.55	12.55	/ 4				
reaction time		interval				3.33		2.21		2.29			# of strides	4.72	3.33		
wind	3.5 m/s	velocity		6.36		9.01		9.05		8.73	7.97			6.36	9.01		
Hatz, Beatriz (USA) (2000) (T64)	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	2.53	3.88	5.12	6.32	7.51	8.69	9.90	11.13	12.36	13.65	13.65	3 / 6			
reaction time	0.257	interval		1.35	1.24	1.20	1.19	1.18	1.21	1.23	1.23	1.29		# of strides	5.12	3.57	3.67
wind	0.7 m/s	velocity	3.95	7.41	8.06	8.33	8.40	8.47	8.26	8.13	8.13	7.75	7.33	53.2	5.86	8.40	8.17
Hauri, Majella (SUI) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)											<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>						
date	27-Feb-16	time		4.50			7.81				7.81	7.81	/ 6				
reaction time		interval				3.31					=PB		# of strides	4.50	3.31		
		velocity		6.67		9.06					7.68			6.67	9.06		
Hayes, Chelsea (USA) (1988)	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)											<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>						
date	11-May-14	time	2.10	3.26	4.32	5.33	6.34	7.35	8.37	9.41	10.46	11.53	11.53	3 / 3			
reaction time		interval		1.16	1.06	1.01	1.01	1.01	1.02	1.04	1.05	1.07		# of strides	4.32	3.03	3.11
wind	-0.8 m/s	velocity	4.76	8.62	9.43	9.90	9.90	9.90	9.80	9.62	9.52	9.35	8.67	47.4	6.94	9.90	9.65
Hazzard, Halle (GRN) (1999)	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 Olympic Games - Results Book (2024)</i>						
date	02-Aug-24	time	2.13	3.31	4.37	5.42	6.45	7.46	8.48	9.55	10.61	11.70	11.70	2 / 8			
reaction time	0.167	interval		1.18	1.06	1.05	1.03	1.01	1.02	1.07	1.06	1.09		# of strides	4.37	3.09	3.15
wind	-0.2 m/s	velocity	4.69	8.47	9.43	9.52	9.71	9.90	9.80	9.35	9.43	9.17	8.55	53.0	6.86	9.71	9.52
Prelim 2 - 2024 Olympic Games (Paris, FRA)											<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	02-Aug-24	time	2.13	3.32	4.40	5.45	6.49	7.53	8.58	9.65	10.74	11.88	11.88	6 / 2			
reaction time	0.184	interval		1.19	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.14		# of strides	4.40	3.13	3.21
wind	1.1 m/s	velocity	4.69	8.40	9.26	9.52	9.62	9.62	9.52	9.35	9.17	8.77	8.42	54.0	6.82	9.58	9.35
Hellberg-Jonsén, Sofia (SWE) (1989)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
C FINAL - 2010 Windsprint (Sundsvall, SWE)											<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>						
date	08-Aug-10	time		4.58			7.84		10.02		12.30	12.30	/ 1				
reaction time		interval				3.26		2.18		2.28			# of strides	4.58	3.26		
wind	3.5 m/s	velocity		6.55		9.20		9.17		8.77	8.13			6.55	9.20		
Hellqvist, Matilda (SWE) (1993)	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)											<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>						
date	17-Jun-12	time		4.52			7.70		9.86		12.11	12.11	3 / 4				
reaction time		interval				3.18		2.16		2.25			# of strides	4.52	3.18		
wind	0.7 m/s	velocity		6.64		9.43		9.26		8.89	8.26			6.64	9.43		
Hemida, Bassant (EGY) (1996)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2023 FBK Games (Hengelo, NED)											<i>Omega Timing (2023) - continental tour race analysis</i>						
date	04-Jun-23	time	2.00	3.15	4.19	5.18	6.16	7.13	8.11	9.10	10.11	11.16	11.16	5 / 2			
reaction time		interval		1.15	1.04	0.99	0.98	0.97	0.98	0.99	1.01	1.05		# of strides	4.19	2.94	2.98
wind	-0.1 m/s	velocity	5.00	8.70	9.62	10.10	10.20	10.31	10.20	10.10	9.90	9.52	8.96	52.7	7.16	10.20	10.07
Henderson, Ashley (USA) (1995)	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)											<i>European Athletics (2019) - race analysis</i>						
date	09-Sep-19	time			6.48						11.53	11.53	2 / 5				
reaction time	0.138	interval									5.05		# of strides				
wind	-0.8 m/s	velocity			7.72						9.90	8.67		51.0			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Hendriks, Kiki (NED) (2000) (T62)																	
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	17-Sep-23	time	2.49	3.87	5.10	6.27	7.41	8.53	9.65	10.78	11.92	13.10	6 / 3				
reaction time	0.134	interval		1.38	1.23	1.17	1.14	1.12	1.12	1.13	1.14	1.18	# of strides	5.10	3.43	3.39	
wind	0.7 m/s	velocity	4.02	7.25	8.13	8.55	8.77	8.93	8.93	8.85	8.77	8.47	7.63	51.7	5.88	8.75	8.85
Henriksson, Julia (SWE) (2000)																	
Heat A - 2024 Weltklasse (Zürich, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	05-Sep-24	time	2.05	3.20	4.24	5.23	6.22	7.20	8.19	9.18	10.18	11.23	11.23	4 / 1			
reaction time	0.175	interval		1.15	1.04	0.99	0.99	0.98	0.99	0.99	1.00	1.05	# of strides	4.24	2.96	2.98	
wind	-0.3 m/s	velocity	4.88	8.70	9.62	10.10	10.10	10.20	10.10	10.10	10.00	9.52	8.90	7.08	10.14	10.07	
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.06	3.23	4.28	5.28	6.25	7.24	8.23	9.22	10.23	11.26	11.26	5 / 5			
reaction time	0.145	interval		1.17	1.05	1.00	0.97	0.99	0.99	0.99	1.01	1.03	# of strides	4.28	2.96	2.99	
wind	1.2 m/s	velocity	4.85	8.55	9.52	10.00	10.31	10.10	10.10	10.10	9.90	9.71	8.88	49.7	7.01	10.14	10.03
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.06	3.21	4.26	5.28	6.28	7.28	8.29	9.30	10.33	11.37	11.37	6 / 5			
reaction time	0.150	interval		1.15	1.05	1.02	1.00	1.00	1.01	1.01	1.03	1.04	# of strides	4.26	3.02	3.05	
wind	-0.8 m/s	velocity	4.85	8.70	9.52	9.80	10.00	10.00	9.90	9.90	9.71	9.62	8.80	50.5	7.04	9.93	9.84
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	04-Jul-21	time		3.3		5.4		7.5		9.6		11.66	11.66	1 / 5			
reaction time	0.171	interval				2.10		2.10		2.10		2.06	# of strides				
wind	-1.3 m/s	velocity		6.06		9.52		9.52		9.52		9.71	8.58	50.5			
Henriksson, Malin (SWE) (1978)																	
FINAL - 2007 Windsprint (Sundsvall, SWE)												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	24-Jul-07	time		4.51				7.77		9.95		12.20	12.20	/ 6			
reaction time		interval						3.26		2.18		2.25	# of strides	4.51	3.26		
wind	1.0 m/s	velocity		6.65				9.20		9.17		8.89	8.20	6.65	9.20		
Henry, Desiree (GBR) (1995)																	
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	22-Aug-24	time	2.12	3.30	4.36	5.38	6.38	7.38	8.38	9.40	10.44	11.53	11.53	7 / 7			
reaction time	0.152	interval		1.18	1.06	1.02	1.00	1.00	1.00	1.02	1.04	1.09	# of strides	4.36	3.02	3.06	
wind	-0.1 m/s	velocity	4.72	8.47	9.43	9.80	10.00	10.00	10.00	9.80	9.62	9.17	8.67	6.88	9.93	9.80	
National FINAL - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	20-Jul-24	time	2.08	3.24	4.29	5.29	6.26	7.23	8.21	9.19	10.19	11.22	11.22	3 / 2			
reaction time	0.139	interval		1.16	1.05	1.00	0.97	0.97	0.98	0.98	1.00	1.03	# of strides	4.29	2.94	2.96	
wind	1.1 m/s	velocity	4.81	8.62	9.52	10.00	10.31	10.31	10.20	10.20	10.00	9.71	8.91	6.99	10.20	10.14	
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	23-May-21	time		3.0		5.2		7.3		9.5		11.95	11.95	2 / 6			
reaction time	0.135	interval				2.20		2.10		2.20		2.45	# of strides				
wind	-4.2 m/s	velocity		6.67		9.09		9.52		9.09		8.16	8.37	51.2			
Hiebert, Xenia (PAR) (1998)																	
Heat 7 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.11	3.29	4.37	5.40	6.44	7.47	8.52	9.59	10.70	11.82	11.82	9 / 9			
reaction time	0.145	interval		1.18	1.08	1.03	1.04	1.03	1.05	1.07	1.11	1.12	# of strides	4.37	3.10	3.23	
wind	-0.2 m/s	velocity	4.74	8.47	9.26	9.71	9.62	9.71	9.52	9.35	9.01	8.93	8.46	52.0	6.86	9.68	9.29
Prelim 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
date	02-Aug-24	time	1.89	3.05	4.13	5.16	6.18	7.19	8.25	9.33	10.42	11.77	11.77	8 / 3			
reaction time	0.161	interval		1.16	1.08	1.03	1.02	1.01	1.06	1.08	1.09	1.35	# of strides	4.13	3.06	3.23	
wind	0.0 m/s	velocity	5.29	8.62	9.26	9.71	9.80	9.90	9.43	9.26	9.17	7.41	8.50	52.0	7.26	9.80	9.29
Hildingsson, Anna (SWE) (1993)																	
C FINAL - 2010 Windsprint (Sundsvall, SWE)												<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time		4.64				7.93		10.12		12.36	12.36	/ 2			
reaction time		interval						3.29		2.19		2.24	# of strides	4.64	3.29		
wind	3.5 m/s	velocity		6.47				9.12		9.13		8.93	8.09	6.47	9.12		
Hill, D'Andre (USA) (1973)																	
FINAL - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	1.94		4.16		6.03			9.88	10.92	10.92	6 / 3				
reaction time		interval			2.22		1.87			3.85	1.04	PB	# of strides	4.16			

wind	1.1 m/s	velocity	5.15	9.01	10.70							10.39	9.62	9.16	49.5	7.21			
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)													<i>USATF Women's Sprint Development (1996)</i>						
date	15-Jun-96	time	1.95	4.05	6.09							9.96	10.97	10.97	5 / 1				
reaction time		interval		2.10	2.04							3.87	1.01		# of strides	4.05			
wind	1.1 m/s	velocity	5.13	9.52	9.80							10.34	9.90	9.12	51.3	7.41			
FINAL - 1995 USATF National Championships (Sacramento, CA)													<i>Lyle - miscellaneous coaching notes</i>						
date	16-Jun-95	time			6.25	7.28	8.25	9.23	10.25	11.34	11.34				8 / 4				
reaction time		interval				1.03	0.97	0.98	1.02	1.09					# of strides				
wind	0.0 m/s	velocity			8.00	9.71	10.31	10.20	9.80	9.17	8.82								
Hirosawa, Mae (JPN) (1997)																			
FINAL - 2018 National Sports Festival (Fukui, JPN)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
date	06-Oct-18	time	2.08	3.33	4.48	5.60	6.70	7.79	8.90	10.01	11.14	12.28	12.28	5 / 3					
reaction time	0.146	interval		1.25	1.15	1.12	1.10	1.09	1.11	1.11	1.13	1.14		# of strides	4.48	3.31	3.35		
wind	-2.8 m/s	velocity	4.81	8.00	8.70	8.93	9.09	9.17	9.01	9.01	8.85	8.77	8.14	51.3	6.70	9.06	8.96		
Hjelmer, Moa (SWE) (1990)																			
B FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>						
date	28-Jul-13	time		4.46			7.49		9.51		11.58	11.58	3 / 1						
reaction time		interval					3.03		2.02		2.07		# of strides	4.46	3.03				
wind	2.6 m/s	velocity		6.73			9.90		9.90		9.66	8.64	6.73	9.90					
B FINAL - 2012 Windsprint (Sundsvall, SWE)													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>						
date	17-Jun-12	time		4.45			7.52		9.56		11.69	11.69	5 / 1						
reaction time		interval					3.07		2.04		2.13		# of strides	4.45	3.07				
wind	0.7 m/s	velocity		6.74			9.77		9.80		9.39	8.55	6.74	9.77					
B FINAL - 2010 Windsprint (Sundsvall, SWE)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>						
date	08-Aug-10	time		4.51			7.66		9.73		11.86	11.86	/ 2						
reaction time		interval					3.15		2.07		2.13		# of strides	4.51	3.15				
wind	2.2 m/s	velocity		6.65			9.52		9.66		9.39	8.43	6.65	9.52					
Hlaváčková, Šárka (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	2.21	3.43	4.59	5.71	6.84	7.98	9.14	10.30	11.50	12.78	12.78	1 / 6					
reaction time	0.117	interval		1.22	1.16	1.12	1.13	1.14	1.16	1.16	1.20	1.28		# of strides	4.59	3.39	3.52		
wind	-4.5 m/s	velocity	4.52	8.20	8.62	8.93	8.85	8.77	8.62	8.62	8.33	7.81	7.82	6.54	8.85	8.52			
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		3.54			5.82		8.01		10.27	12.61	12.61	3 / 3					
reaction time	0.218	interval					2.28		2.19		2.26	2.34		# of strides					
wind	-0.1 m/s	velocity		5.65			8.77		9.13		8.85	8.55	7.93						
Hobbs, Aleia (USA) (1996)																			
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)													<i>Omega Timing (2024) - diamond league race analysis</i>						
date	12-Jul-24	time	2.03	3.16	4.20	5.19	6.17	7.15	8.13	9.15	10.18	11.26	11.26	6 / 8					
reaction time	0.141	interval		1.13	1.04	0.99	0.98	0.98	0.98	1.02	1.03	1.08		# of strides	4.20	2.95	3.03		
wind	-1.0 m/s	velocity	4.93	8.85	9.62	10.10	10.20	10.20	10.20	9.80	9.71	9.26	8.88	50.7	7.14	10.17	9.90		
FINAL - 2023 London Athletics Meet (London, GBR)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	23-Jul-23	time	2.00	3.11	4.14	5.12	6.08	7.04	8.00	8.97	9.97	10.99	10.99	1 / 5					
reaction time	0.140	interval		1.11	1.03	0.98	0.96	0.96	0.96	0.97	1.00	1.02		# of strides	4.14	2.90	2.93		
wind	1.2 m/s	velocity	5.00	9.01	9.71	10.20	10.42	10.42	10.42	10.31	10.00	9.80	9.10	50.0	7.25	10.34	10.24		
FINAL - 2023 Athletissima (Lausanne, SU1)													<i>Omega Timing (2023) - diamond league race analysis</i>						
date	30-Jun-23	time	2.02	3.15	4.17	5.16	6.15	7.13	8.12	9.13	10.16	11.20	11.20	7 / 5					
reaction time	0.173	interval		1.13	1.02	0.99	0.99	0.98	0.99	1.01	1.03	1.04		# of strides	4.17	2.96	3.03		
wind	-0.8 m/s	velocity	4.95	8.85	9.80	10.10	10.10	10.20	10.10	9.90	9.71	9.62	8.93	51.0	7.19	10.14	9.90		
FINAL - 2022 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2022) - diamond league race analysis</i>						
date	02-Sep-22	time		3.12			5.11		7.02		8.92	10.91	10.91	4 / 4					
reaction time	0.164	interval					1.99		1.91		1.90	1.99		# of strides					
wind	0.6 m/s	velocity		6.41			10.05		10.47		10.53	10.05	9.17	50.0					
FINAL - 2022 Athletissima (Lausanne, SU1)													<i>Omega Timing (2022) - diamond league race analysis</i>						
date	26-Aug-22	time		3.07			5.06		6.95		8.87	10.87	10.87	2 / 1					
reaction time	0.142	interval					1.99		1.89		1.92	2.00		# of strides					
wind	0.0 m/s	velocity		6.51			10.05		10.58		10.42	10.00	9.20	50.0					

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)

date	10-Aug-22	time	3.12	5.08	6.96	8.86	10.81	10.81	6 / 4	<i>Omega Timing (2022) - diamond league race analysis</i>
reaction time	0.161	interval		1.96	1.88	1.90	1.95	=PB	# of strides	
wind	0.4 m/s	velocity	6.41	10.20	10.64	10.53	10.26	9.25	50.0	

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

date	06-Aug-22	time	3.14	5.13	7.02	8.94	10.94	10.94	6 / 2	<i>Omega Timing (2022) - diamond league race analysis</i>
reaction time	0.151	interval		1.99	1.89	1.92	2.00		# of strides	
wind	0.5 m/s	velocity	6.37	10.05	10.58	10.42	10.00	9.14	50.0	

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

date	17-Sep-20	time	3.2	5.2	7.2	9.1	11.12	11.12	4 / 2	<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.139	interval		2.00	2.00	1.90	2.02		# of strides	
wind	0.2 m/s	velocity	6.25	10.00	10.00	10.53	9.90	8.99	50.7	

FINAL - 2019 Memorial van Damme (Brussels, BEL)

date	06-Sep-19	time	3.2	5.2	7.2	9.2	11.29	11.29	2 / 6	<i>Omega Timing (2019) - diamond league race analysis</i>
reaction time	0.159	interval		2.0	2.0	2.0	2.09		# of strides	
wind	-0.3 m/s	velocity	6.25	10.00	10.00	10.00	9.57	8.86	51.5	

FINAL - 2019 Meeting de Paris (Paris, FRA)

date	24-Aug-19	time		6.2			11.16	11.16	7 / 5	<i>Omega Timing (2019) - diamond league race analysis</i>
reaction time	0.186	interval					4.96		# of strides	
wind	-0.2 m/s	velocity		8.06			10.08	8.96	51.0	

Hobbs, Zoe (NZL) (1997)**Semi-Final 3 - 2024 Olympic Games (Paris, FRA)**

date	03-Aug-24	time	2.03	3.17	4.19	5.18	6.16	7.12	8.10	9.10	10.10	11.13	11.13	3 / 6	<i>Paris 2024 Olympic Games - Results Book (2024)</i>
reaction time	0.191	interval		1.14	1.02	0.99	0.98	0.96	0.98	1.00	1.00	1.03		# of strides	4.19 2.93 2.98
wind	0.2 m/s	velocity	4.93	8.77	9.80	10.10	10.20	10.42	10.20	10.00	10.00	9.71	8.98	48.7	7.16 10.24 10.07

Heat 2 - 2024 Olympic Games (Paris, FRA)

date	02-Aug-24	time	2.02	3.15	4.16	5.13	6.09	7.06	8.04	9.03	10.05	11.08	11.08	6 / 2	<i>Paris 2024 Olympic Games - Results Book (2024)</i>
reaction time	0.168	interval		1.13	1.01	0.97	0.96	0.97	0.98	0.99	1.02	1.03		# of strides	4.16 2.90 2.99
wind	-0.8 m/s	velocity	4.95	8.85	9.90	10.31	10.42	10.31	10.20	10.10	9.80	9.71	9.03	50.7	7.21 10.34 10.03

FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)

date	12-Jul-24	time	2.05	3.18	4.21	5.20	6.17	7.15	8.14	9.13	10.14	11.15	11.15	1 / 6	<i>Omega Timing (2024) - diamond league race analysis</i>
reaction time	0.154	interval		1.13	1.03	0.99	0.97	0.98	0.99	0.99	1.01	1.01		# of strides	4.21 2.94 2.99
wind	-1.0 m/s	velocity	4.88	8.85	9.71	10.10	10.31	10.20	10.10	10.10	9.90	9.90	8.97	51.2	7.13 10.20 10.03

FINAL - 2023 Prefontaine Classic (Eugene, OR)

date	16-Sep-23	time	2.03	3.18	4.22	5.21	6.19	7.17	8.15	9.14	10.15	11.18	11.18	1 / 9	<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.151	interval		1.15	1.04	0.99	0.98	0.98	0.98	0.99	1.01	1.03		# of strides	4.22 2.95 2.98
wind	0.8 m/s	velocity	4.93	8.70	9.62	10.10	10.20	10.20	10.20	10.10	9.90	9.71	8.94	50.0	7.11 10.17 10.07

FINAL - 2023 Memorial van Damme (Brussels, BEL)

date	08-Sep-23	time	2.02	3.14	4.17	5.16	6.13	7.10	8.09	9.08	10.10	11.14	11.14	6 / 4	<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.149	interval		1.12	1.03	0.99	0.97	0.97	0.99	0.99	1.02	1.04		# of strides	4.17 2.93 3.00
wind	0.0 m/s	velocity	4.95	8.93	9.71	10.10	10.31	10.31	10.10	10.10	9.80	9.62	8.98	50.5	7.19 10.24 10.00

FINAL - 2023 Weltklasse (Zürich, SUI)

date	31-Aug-23	time	2.03	3.16	4.19	5.18	6.15	7.12	8.10	9.10	10.11	11.14	11.14	2 / 7	<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.160	interval		1.13	1.03	0.99	0.97	0.97	0.98	1.00	1.01	1.03		# of strides	4.19 2.93 2.99
wind	-0.2 m/s	velocity	4.93	8.85	9.71	10.10	10.31	10.31	10.20	10.00	9.90	9.71	8.98	51.0	7.16 10.24 10.03

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

date	16-Jul-23	time	2.03	3.15	4.18	5.17	6.14	7.11	8.09	9.09	10.11	11.15	11.15	2 / 8	<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.167	interval		1.12	1.03	0.99	0.97	0.97	0.98	1.00	1.02	1.04		# of strides	4.18 2.93 3.00
wind	0.2 m/s	velocity	4.93	8.93	9.71	10.10	10.31	10.31	10.20	10.00	9.80	9.62	8.97	50.5	7.18 10.24 10.00

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

date	03-Aug-22	time	3.1	5.1	7.1	9.1	11.19	11.19	7 / 6	<i>Longines Timing (2022) - commonwealth games race analysis</i>
reaction time	0.149	interval		2.00	2.00	2.00	2.09		# of strides	
wind	0.4 m/s	velocity	6.45	10.00	10.00	10.00	9.57	8.94	50.5	

FINAL - 2022 Meeting de Paris (Paris, FRA)

date	18-Jun-22	time	3.14	5.15	7.09	9.06	11.10	11.10	1 / 6	<i>Omega Timing (2022) - diamond league race analysis</i>
reaction time	0.156	interval		2.01	1.94	1.97	2.04		# of strides	
wind	0.5 m/s	velocity	6.37	9.95	10.31	10.15	9.80	9.01	51.0	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Hodge, Virgil (SKN) (1983)																	
Heat 3 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	16-Aug-09	time	3.25	4.29	5.30	7.32	9.33	11.47	11.47	5 / 2							
reaction time	0.190	interval		1.04	1.01	2.02	2.01	2.14		# of strides	4.29	3.03					
wind	-0.1 m/s	velocity	6.15	9.62	9.90	9.90	9.95	9.35	8.72		6.99	9.90					
Hofmanová, Martina (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	2.18	3.40	4.53	5.61	6.70	7.80	8.91	10.02	11.15	12.35	12.35	5 / 1			
reaction time	0.157	interval		1.22	1.13	1.08	1.09	1.10	1.11	1.11	1.13	1.20		# of strides	4.53	3.27	3.35
wind	-4.5 m/s	velocity	4.59	8.20	8.85	9.26	9.17	9.09	9.01	9.01	8.85	8.33	8.10		6.62	9.17	8.96
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	3.45		5.70		7.91		10.11		12.37	12.37	4 / 1				
reaction time	0.182	interval			2.25		2.21		2.20		2.26			# of strides			
wind	-3.0 m/s	velocity	5.80		8.89		9.05		9.09		8.85	8.08					
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	3.45		5.67		7.85		10.05		12.43	12.43	7 / 6				
reaction time	0.198	interval			2.22		2.18		2.20		2.38			# of strides			
wind	-1.1 m/s	velocity	5.80		9.01		9.17		9.09		8.40	8.05					
Hofstad, Cecilie (NOR) (1992)																	
D FINAL - 2009 Windsprint (Sundsvall, SWE)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	25-Jul-09	time		4.99		8.67		10.95		13.40	13.40	13.40	1 / 3				
reaction time		interval				3.68		2.28		2.45				# of strides	4.99	3.68	
wind	0.8 m/s	velocity		6.01		8.15		8.77		8.16	7.46				6.01	8.15	
Homolová, Martina (CZE) (1996)																	
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	2.21	3.43	4.59	5.72	6.83	7.95	9.06	10.19	11.33	12.55	12.55	2 / 4			
reaction time	0.136	interval		1.22	1.16	1.13	1.11	1.12	1.11	1.13	1.14	1.22		# of strides	4.59	3.36	3.38
wind	-4.5 m/s	velocity	4.52	8.20	8.62	8.85	9.01	8.93	9.01	8.85	8.77	8.20	7.97		6.54	8.93	8.88
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	3.48		5.79		8.02		10.23		12.50	12.50	5 / 2				
reaction time	0.142	interval			2.31		2.23		2.21		2.27			# of strides			
wind	-3.0 m/s	velocity	5.75		8.66		8.97		9.05		8.81	8.00					
Hooker, Marshevet (USA) (1984)																	
FINAL - 2011 IAAF World Championships (Daegu, KOR)												<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>					
date	29-Aug-11	time	3.17	4.25	5.24	6.24	7.22	8.21	9.17	10.20	11.33	11.33	7 / 8				
reaction time	0.164	interval		1.08	0.99	1.00	0.98	0.99	0.96	1.03	1.13			# of strides	4.25	2.97	2.97
wind	-1.4 m/s	velocity	6.31	9.26	10.10	10.00	10.20	10.10	10.42	9.71	8.85	8.83			47.6	7.06	10.10
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	14-Sep-08	time	3.20	4.22	5.21	6.18	7.16	8.11	9.08		11.06	11.06	7 / 3				
reaction time	0.152	interval		1.02	0.99	0.97	0.98	0.95	0.97		1.98			# of strides	4.22	2.94	
wind	0.3 m/s	velocity	6.25	9.80	10.10	10.31	10.20	10.53	10.31		10.10	9.04			47.4	7.11	10.20
FINAL - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.14	3.24	4.21	5.19	6.12	7.07	8.00	8.96	9.90	10.93	10.93	5 / 4			
reaction time		interval		1.10	0.97	0.98	0.93	0.95	0.93	0.96	0.94	1.03	PB	# of strides	4.21	2.86	2.83
wind	1.0 m/s	velocity	4.67	9.09	10.31	10.20	10.75	10.53	10.75	10.42	10.64	9.71	9.15		47.2	7.13	10.49
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.12	3.22	4.27	5.26	6.16	7.07	7.98	8.96	9.93	10.89	10.89	4 / 1			
reaction time		interval		1.10	1.05	0.99	0.90	0.91	0.91	0.98	0.97	0.96		# of strides	4.27	2.80	2.86
wind	3.2 m/s	velocity	4.72	9.09	9.52	10.10	11.11	10.99	10.99	10.20	10.31	10.42	9.18		47.2	7.03	10.71
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.10	3.20	4.20	5.14	6.06	6.99	7.92	8.84	9.75	10.76	10.76	4 / 1			
reaction time		interval		1.10	1.00	0.94	0.92	0.93	0.93	0.92	0.91	1.01		# of strides	4.20	2.79	2.76
wind	3.4 m/s	velocity	4.76	9.09	10.00	10.64	10.87	10.75	10.75	10.87	10.99	9.90	9.29		7.14	10.75	10.87
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.11	3.22	4.22	5.17	6.13	7.07	8.03	8.99	9.93	10.94	10.94	2 / 1			
reaction time		interval		1.11	1.00	0.95	0.96	0.94	0.96	0.96	0.94	1.01		# of strides	4.22	2.85	2.86
wind	2.2 m/s	velocity	4.74	9.01	10.00	10.53	10.42	10.64	10.42	10.42	10.64	9.90	9.14		7.11	10.53	10.49
FINAL - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					

date	25-Jun-05	time	2.03	3.25	4.29	5.31	6.29	7.31	8.26	9.28	10.29	11.33	11.33	8 / 5			
reaction time		interval		1.22	1.04	1.02	0.98	1.02	0.95	1.02	1.01	1.04		# of strides	4.29	3.02	2.98
wind	-1.6 m/s	velocity	4.93	8.20	9.62	9.80	10.20	9.80	10.53	9.80	9.90	9.62	8.83	47.7	6.99	9.93	10.07
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.07	3.20	4.24	5.19	6.19	7.16	8.12	9.11	10.07	11.11	11.11	7 / 3			
reaction time		interval		1.13	1.04	0.95	1.00	0.97	0.96	0.99	0.96	1.04		# of strides	4.24	2.92	2.91
wind	2.1 m/s	velocity	4.83	8.85	9.62	10.53	10.00	10.31	10.42	10.10	10.42	9.62	9.00		7.08	10.27	10.31
Heat 2 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
date	24-Jun-05	time	2.05	3.26	4.29	5.30	6.27	7.27	8.23	9.27	10.28	11.32	11.32	8 / 1			
reaction time		interval		1.21	1.03	1.01	0.97	1.00	0.96	1.04	1.01	1.04		# of strides	4.29	2.98	3.01
wind	-0.7 m/s	velocity	4.88	8.26	9.71	9.90	10.31	10.00	10.42	9.62	9.90	9.62	8.83		6.99	10.07	9.97
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.15	3.30	4.34	5.36	6.34	7.34	8.31	9.31	10.36	11.38	11.38	8 / 4			
reaction time		interval		1.15	1.04	1.02	0.98	1.00	0.97	1.00	1.05	1.02		# of strides	4.34	3.00	3.02
wind	-0.1 m/s	velocity	4.65	8.70	9.62	9.80	10.20	10.00	10.31	10.00	9.52	9.80	8.79	47.7	6.91	10.00	9.93
Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	09-Jul-04	time	2.15	3.30	4.30	5.34	6.31	7.31	8.29	9.33	10.36	11.41	11.41	3 / 3			
reaction time		interval		1.15	1.00	1.04	0.97	1.00	0.98	1.04	1.03	1.05		# of strides	4.30	3.01	3.05
wind	-0.8 m/s	velocity	4.65	8.70	10.00	9.62	10.31	10.00	10.20	9.62	9.71	9.52	8.76	48.0	6.98	9.97	9.84
Horn, Carina (RSA) (1989)																	
B FINAL - 2012 Windsprint (Sundsvall, SWE)														<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>			
date	17-Jun-12	time		4.51				7.67		9.78		11.99	11.99	4 / 2			
reaction time		interval						3.16		2.11		2.21		# of strides	4.51	3.16	
wind	0.7 m/s	velocity		6.65				9.49		9.48		9.05	8.34		6.65	9.49	
Hřivnová, Pavla (CZE) (1986)																	
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	2.18	3.33	4.43	5.44	6.48	7.53	8.59	9.68	10.77	11.88	11.88	2 / 6			
reaction time	0.146	interval		1.15	1.10	1.01	1.04	1.05	1.06	1.09	1.09	1.11		# of strides	4.43	3.10	3.24
wind	-0.2 m/s	velocity	4.59	8.70	9.09	9.90	9.62	9.52	9.43	9.17	9.17	9.01	8.42		6.77	9.68	9.26
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		3.36		5.51		7.59		9.73		11.95	11.95	5 / 3			
reaction time	0.172	interval				2.15		2.08		2.14		2.22		# of strides			
wind	-1.3 m/s	velocity		5.95		9.30		9.62		9.35		9.01	8.37				
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)														<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>			
date	25-Feb-12	time	2.12	3.37	4.44	5.50	6.55	7.63					7.63	7 / 4			
reaction time	0.137	interval		1.25	1.07	1.06	1.05	1.08						# of strides	4.44	3.19	
		velocity	4.72	8.00	9.35	9.43	9.52	9.26					7.86		6.76	9.40	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)														<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>			
date	25-Feb-12	time	2.13	3.34	4.43	5.50	6.54	7.61					7.61	3 / 3			
reaction time	0.146	interval		1.21	1.09	1.07	1.04	1.07						# of strides	4.43	3.18	
		velocity	4.69	8.26	9.17	9.35	9.62	9.35					7.88		6.77	9.43	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)														<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>			
date	25-Feb-12	time	2.14	3.39	4.51	5.58	6.65	7.71					7.71	3 / 2			
reaction time	0.141	interval		1.25	1.12	1.07	1.07	1.06						# of strides	4.51	3.20	
		velocity	4.67	8.00	8.93	9.35	9.35	9.43					7.78		6.65	9.38	
Huang Guifen (CHN) (1997)																	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	02-Sep-23	time	2.05	3.22	4.29	5.32	6.34	7.36	8.38	9.42	10.48	11.57	11.57	3 / 5			
reaction time	0.147	interval		1.17	1.07	1.03	1.02	1.02	1.02	1.04	1.06	1.09		# of strides	4.29	3.07	3.12
wind	0.4 m/s	velocity	4.88	8.55	9.35	9.71	9.80	9.80	9.80	9.62	9.43	9.17	8.64	49.5	6.99	9.77	9.62
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)														<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>			
date	02-Aug-19	time	2.10	3.27	4.35	5.40	6.42	7.44	8.46	9.50	10.56	11.65	11.65	7 / 5			
reaction time		interval		1.17	1.08	1.05	1.02	1.02	1.02	1.04	1.06	1.09		# of strides	4.35	3.09	3.12
wind	-1.2 m/s	velocity	4.76	8.55	9.26	9.52	9.80	9.80	9.80	9.62	9.43	9.17	8.58		6.90	9.71	9.62
Huang Lin (CHN) (1999)																	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	02-Sep-23	time	2.15	3.34	4.42	5.45	6.50	7.53	8.58	9.65	10.75	11.91	11.91	2 / 7			
reaction time	0.170	interval		1.19	1.08	1.03	1.05	1.03	1.05	1.07	1.10	1.16		# of strides	4.42	3.11	3.22

wind	0.4 m/s	velocity	4.65	8.40	9.26	9.71	9.52	9.71	9.52	9.35	9.09	8.62	8.40	53.0	6.79	9.65	9.32
Huemer, Ina (AUT) (1998)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
B FINAL - 2021 Athletissima (Lausanne, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	26-Aug-21	time	3.4		5.5	7.4		9.4		11.47	11.47	5 / 2					
reaction time	0.154	interval		2.10	1.90	2.00		2.07		2.07		# of strides					
wind	1.2 m/s	velocity	5.88	9.52	10.53	10.00	9.66	8.72									
Hultgren, Matilda (SWE) (1989)	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	4.55		7.83	10.08	12.40	12.40	6 / 3								
reaction time		interval		3.28	2.25	2.32			# of strides	4.55	3.28						
wind	1.2 m/s	velocity	6.59	9.15	8.89	8.62	8.06						6.59	9.15			
B FINAL - 2010 Windsprint (Sundsvall, SWE)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	08-Aug-10	time	4.52		7.69	9.82	12.05	12.05	1 / 5								
reaction time		interval		3.17	2.13	2.23			# of strides	4.52	3.17						
wind	2.2 m/s	velocity	6.64	9.46	9.39	8.97	8.30						6.64	9.46			
Humair, Aurélie (SUI) (1989)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	27-Feb-16	time	4.45		7.71						7.71	1 / 8					
reaction time		interval		3.26					# of strides	4.45	3.26						
		velocity	6.74	9.20						7.78	35.2		6.74	9.20			
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	27-Feb-16	time	4.43		7.67						7.67	1 / 4					
reaction time		interval		3.24					# of strides	4.43	3.24						
		velocity	6.77	9.26						7.82			6.77	9.26			
Humair, Fanette (SUI) (1991)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	27-Feb-16	time	4.53		7.78						7.78	1 / 6					
reaction time		interval		3.25					# of strides	4.53	3.25						
		velocity	6.62	9.23						7.71			6.62	9.23			
Humpolíková, Pavla (CZE) (1985)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>				
date	15-Jun-13	time	3.40	5.59	7.74	9.94	12.18	12.18	6 / 4								
reaction time	0.176	interval		2.19	2.15	2.20	2.24		# of strides								
wind	-0.6 m/s	velocity	5.88	9.13	9.30	9.09	8.93	8.21									
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.21	3.44	4.54	5.61	6.69	7.78			7.78	7 / 6					
reaction time	0.177	interval		1.23	1.10	1.07	1.08	1.09	# of strides	4.54	3.24						
		velocity	4.52	8.13	9.09	9.35	9.26	9.17		7.71			6.61	9.26			
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.17	3.37	4.52	5.62	6.71	7.80			7.80	6 / 4					
reaction time	0.145	interval		1.20	1.15	1.10	1.09	1.09	# of strides	4.52	3.28						
		velocity	4.61	8.33	8.70	9.09	9.17	9.17		7.69			6.64	9.15			
Hunt, Amy (GBR) (2002)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	22-Aug-24	time	2.06	3.22	4.27	5.29	6.28	7.27	8.27	9.27	10.30	11.36	11.36	6 / 3			
reaction time	0.186	interval		1.16	1.05	1.02	0.99	0.99	1.00	1.00	1.03	1.06	# of strides	4.27	3.00		
wind	-0.1 m/s	velocity	4.85	8.62	9.52	9.80	10.10	10.10	10.00	10.00	9.71	9.43	8.80	7.03	10.00		
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	10-May-24	time	2.08	3.23	4.27	5.26	6.22	7.19	8.16	9.14	10.13	11.13	11.13	6 / 4			
reaction time	0.161	interval		1.15	1.04	0.99	0.96	0.97	0.97	0.98	0.99	1.00	# of strides	4.27	2.92		
wind	2.0 m/s	velocity	4.81	8.70	9.62	10.10	10.42	10.31	10.31	10.20	10.10	10.00	8.98	48.2	7.03		
Hutchinson, Ayanna (TTO) (1978)	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	17-Aug-09	time	3.28	4.35	5.38	7.44		9.46		11.58	11.58	1 / 8					
reaction time	0.169	interval		1.07	1.03	2.06		2.02		2.12		# of strides	4.35	3.09			
wind	-0.1 m/s	velocity	6.10	9.35	9.71	9.71		9.90		9.43	8.64		6.90	9.71			
Quarter-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	3.21	4.26	5.27	7.29		9.29		11.40	11.40	1 / 6					

reaction time	0.160	interval		1.05	1.01	2.02	2.00	2.11		# of strides	4.26	3.03
wind	0.8 m/s	velocity	6.23	9.52	9.90	9.90	10.00	9.48	8.77	50.0	7.04	9.90

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

date	16-Aug-09	time	3.26	4.32	5.34	7.39	9.43	11.54	11.54		8 / 4	
reaction time	0.176	interval		1.06	1.02	2.05	2.04	2.11		# of strides	4.32	3.07
wind	-0.7 m/s	velocity	6.13	9.43	9.80	9.76	9.80	9.48	8.67		6.94	9.77

Hyché, Holli (USA) (1971)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
USATF Women's Sprint Development (1996)

Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)																		
date	15-Jun-96	time	2.07	4.24	6.20				10.29	11.41	11.41		2 / 8					
reaction time		interval		2.17	1.96				4.09	1.12		# of strides	48.8	4.24				
wind	0.2 m/s	velocity	4.83	9.22	10.20				9.78	8.93	8.76			7.08				

Iakopo, Filomenaleonisa (ASA) (2006)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
Paris 2024 Olympic Games - Results Book (2024)

Prelim 2 - 2024 Olympic Games (Paris, FRA)																		
date	02-Aug-24	time	2.20	3.47	4.64	5.77	6.90	8.04	9.19	10.36	11.57	12.78	12.78	3 / 8				
reaction time	0.171	interval		1.27	1.17	1.13	1.13	1.14	1.15	1.17	1.21	1.21	NR PB	# of strides	4.64	3.40	3.53	
wind	1.1 m/s	velocity	4.55	7.87	8.55	8.85	8.85	8.77	8.70	8.55	8.26	8.26	7.82	61.0	6.47	8.82	8.50	

Ichikawa, Kana (JPN) (1991)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)																		
date	19-May-19	time	2.07	3.27	4.38	5.46	6.52	7.58	8.65	9.73	10.82	11.94	11.94	3 / 6				
reaction time	0.157	interval		1.20	1.11	1.08	1.06	1.06	1.07	1.08	1.09	1.12		# of strides	4.38	3.20	3.24	
wind	-2.2 m/s	velocity	4.83	8.33	9.01	9.26	9.43	9.43	9.35	9.26	9.17	8.93	8.38	51.0	6.85	9.38	9.26	

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Apr-19	time	2.10	3.30	4.40	5.45	6.49	7.52	8.56	9.60	10.66	11.74	11.74	7 / 4				
reaction time		interval		1.20	1.10	1.05	1.04	1.03	1.04	1.04	1.06	1.08		# of strides	4.40	3.12	3.14	
wind	1.9 m/s	velocity	4.76	8.33	9.09	9.52	9.62	9.71	9.62	9.62	9.43	9.26	8.52	50.0	6.82	9.62	9.55	

FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Sep-18	time	2.04	3.23	4.32	5.38	6.41	7.45	8.49	9.55	10.62	11.72	11.72	9 / 2				
reaction time	0.124	interval		1.19	1.09	1.06	1.03	1.04	1.04	1.06	1.07	1.10		# of strides	4.32	3.13	3.17	
wind	-0.1 m/s	velocity	4.90	8.40	9.17	9.43	9.71	9.62	9.62	9.43	9.35	9.09	8.53	49.6	6.94	9.58	9.46	

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Jun-18	time	2.05	3.24	4.32	5.36	6.39	7.42	8.45	9.50	10.57	11.67	11.67	4 / 3				
reaction time	0.152	interval		1.19	1.08	1.04	1.03	1.03	1.03	1.05	1.07	1.10		# of strides	4.32	3.10	3.15	
wind	0.8 m/s	velocity	4.88	8.40	9.26	9.62	9.71	9.71	9.71	9.52	9.35	9.09	8.57	50.1	6.94	9.68	9.52	

FINAL - 2018 Fuse Sprint (Tottori, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	03-Jun-18	time	2.02	3.19	4.26	5.28	6.29	7.30	8.31	9.33	10.37	11.43	11.43	8 / 1				
reaction time		interval		1.17	1.07	1.02	1.01	1.01	1.01	1.02	1.04	1.06		# of strides	4.26	3.04	3.07	
wind	1.8 m/s	velocity	4.95	8.55	9.35	9.80	9.90	9.90	9.90	9.80	9.62	9.43	8.75	49.8	7.04	9.87	9.77	

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	20-May-18	time	2.05	3.23	4.31	5.34	6.36	7.37	8.39	9.43	10.48	11.56	11.56	5 / 6				
reaction time	0.147	interval		1.18	1.08	1.03	1.02	1.01	1.02	1.04	1.05	1.08		# of strides	4.31	3.06	3.11	
wind	2.3 m/s	velocity	4.88	8.47	9.26	9.71	9.80	9.90	9.80	9.62	9.52	9.26	8.65	50.6	6.96	9.80	9.65	

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	2.02	3.19	4.25	5.29	6.30	7.30	8.30	9.31	10.33	11.38	11.38	1 / 1				
reaction time		interval		1.17	1.06	1.04	1.01	1.00	1.00	1.01	1.02	1.05		# of strides	4.25	3.05	3.03	
wind	2.1 m/s	velocity	4.95	8.55	9.43	9.62	9.90	10.00	10.00	9.90	9.80	9.52	8.79	49.9	7.06	9.84	9.90	

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

date	27-Jun-15	time	2.10	3.27	4.35	5.39	6.43	7.48	8.53	9.60	10.70	11.82	11.82	5 / 2				
reaction time	0.147	interval		1.17	1.08	1.04	1.04	1.05	1.05	1.07	1.10	1.12		# of strides	4.35	3.13	3.22	
wind	-0.5 m/s	velocity	4.76	8.55	9.26	9.62	9.62	9.52	9.52	9.35	9.09	8.93	8.46	50.0	6.90	9.58	9.32	

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

date	19-Apr-15	time	2.11	3.33	4.41	5.48	6.53	7.58	8.63	9.69	10.75	11.85	11.85	4 / 4				
reaction time		interval		1.22	1.08	1.07	1.05	1.05	1.05	1.06	1.06	1.10		# of strides	4.41	3.17	3.17	
wind	-0.2 m/s	velocity	4.74	8.20	9.26	9.35	9.52	9.52	9.43	9.43	9.09	8.44		50.2	6.80	9.46	9.46	

Heat 3 - 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	2.06	3.22	4.28	5.31	6.32	7.33	8.34	9.37	10.40	11.45	11.45	5 / 1				
reaction time		interval		1.16	1.06	1.03	1.01	1.01	1.01	1.03	1.03	1.05		# of strides	4.28	3.05	3.07	
wind	1.6 m/s	velocity	4.85	8.62	9.43	9.71	9.90	9.90	9.90	9.71	9.71	9.52	8.73	49.7	7.01	9.84	9.77	

Heat 3 - 2011 Japanese National Championships (Kumagaya, JPN)*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

date	10-Jun-11	time	2.07	3.24	4.31	5.36	6.37	7.40	8.42	9.44	10.48	11.55	11.55	/ 1				
reaction time		interval		1.17	1.07	1.05	1.01	1.03	1.02	1.02	1.04	1.07		# of strides	4.31	3.09	3.08	
wind	0.6 m/s	velocity	4.83	8.55	9.35	9.52	9.90	9.71	9.80	9.80	9.62	9.35	8.66		49.4	6.96	9.71	9.74

FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

date	29-Apr-11	time	2.07	3.23	4.27	5.29	6.28	7.28	8.26	9.26	10.26	11.28	11.28	4 / 2				
reaction time		interval		1.16	1.04	1.02	0.99	1.00	0.98	1.00	1.00	1.02		# of strides	4.27	3.01	2.98	
wind	2.6 m/s	velocity	4.83	8.62	9.62	9.80	10.10	10.00	10.20	10.00	10.00	9.80	8.87		48.7	7.03	9.97	10.07

Itoabigeiru, Fuka (JPN) (2001)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)***Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time		4.48		6.68					12.20	12.20	12.20	2 / 8			
reaction time	0.163	interval				2.20					5.52			# of strides	4.48		
wind	-1.5 m/s	velocity		6.70		2.99					9.06		8.20		51.0	6.70	

Ignatova, Natalya (RUS) (1973)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2001 European Cup (Bremen, GER)***Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.38	4.43	5.44		7.44		9.49		11.65	11.65	/ 4			
reaction time	0.307	interval			1.05	1.01		2.00		2.05		2.16		# of strides	4.43	3.01	
wind	1.8 m/s	velocity		5.92	9.52	9.90		10.00		9.76		9.26	8.58		6.77	9.97	

Iheagwam, Tina (NGR) (1968)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1986 IAAF World Junior Championships (Athens, GRE)***Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	17-Jul-86	time	2.00	3.12	4.18	5.19	6.21	7.21	8.22	9.33	10.26	11.34	11.34	/ 1			
reaction time	0.187	interval		1.12	1.06	1.01	1.02	1.00	1.01	1.11	0.93	1.08	CR	# of strides	4.18	3.03	3.05
wind	0.9 m/s	velocity	5.00	8.93	9.43	9.90	9.80	10.00	9.90	9.01	10.75	9.26			7.18	9.90	9.84

Iki, Aiko (JPN) (2000)**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)***Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	02-Oct-20	time	2.09	3.29	4.39	5.45	6.48	7.52	8.56	9.61	10.68	11.77	11.77	4 / 5			
reaction time	0.171	interval		1.20	1.10	1.06	1.03	1.04	1.04	1.05	1.07	1.09		# of strides	4.39	3.13	3.16
wind	0.5 m/s	velocity	4.78	8.33	9.09	9.43	9.71	9.62	9.62	9.52	9.35	9.17	8.50		6.83	9.58	9.49

FINAL - 2020 Athlete Night Games (Fukui, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	29-Aug-20	time	2.07	3.28	4.37	5.42	6.45	7.47	8.49	9.52	10.56	11.62	11.62	/ 2			
reaction time		interval		1.21	1.09	1.05	1.03	1.02	1.02	1.03	1.04	1.06	PB	# of strides	4.37	3.10	3.09
wind	1.1 m/s	velocity	4.83	8.26	9.17	9.52	9.71	9.80	9.80	9.71	9.62	9.43	8.61		6.86	9.68	9.71

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	2.08	3.30	4.41	5.48	6.53	7.59	8.65	9.71	10.79	11.89	11.89	/ 6			
reaction time		interval		1.22	1.11	1.07	1.05	1.06	1.06	1.06	1.08	1.10		# of strides	4.41	3.18	3.20
wind	0.0 m/s	velocity	4.81	8.20	9.01	9.35	9.52	9.43	9.43	9.43	9.26	9.09	8.41		6.80	9.43	9.38

Iki, Ichiko (JPN) (1997)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)***Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	19-Sep-20	time	2.07	3.28	4.40	5.47	6.54	7.61	8.68	9.76	10.86	11.98	11.98	/ 2			
reaction time		interval		1.21	1.12	1.07	1.07	1.07	1.07	1.08	1.10	1.12		# of strides	4.40	3.21	3.25
wind	-0.7 m/s	velocity	4.83	8.26	8.93	9.35	9.35	9.35	9.35	9.26	9.09	8.93	8.35		6.82	9.35	9.23

FINAL - 2020 Athlete Night Games (Fukui, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	29-Aug-20	time	2.04	3.23	4.33	5.38	6.42	7.46	8.51	9.57	10.66	11.77	11.77	/ 5			
reaction time		interval		1.19	1.10	1.05	1.04	1.04	1.05	1.06	1.09	1.11		# of strides	4.33	3.13	3.20
wind	1.1 m/s	velocity	4.90	8.40	9.09	9.52	9.62	9.62	9.52	9.43	9.17	9.01	8.50		6.93	9.58	9.38

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	19-May-19	time	2.08	3.30	4.42	5.50	6.58	7.66	8.75	9.85	10.97	12.12	12.12	9 / 8				
reaction time	0.174	interval		1.22	1.12	1.08	1.08	1.08	1.09	1.10	1.12	1.15		# of strides	4.42	3.24	3.31	
wind	-2.2 m/s	velocity	4.81	8.20	8.93	9.26	9.26	9.26	9.17	9.09	8.93	8.70	8.25		53.2	6.79	9.26	9.06

Heat 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	2.10	3.28	4.35	5.41	6.44	7.48	8.52	9.58	10.67	11.77	11.77	/ 4				
reaction time	0.174	interval		1.18	1.07	1.06	1.03	1.04	1.04	1.06	1.09	1.10		# of strides	4.35	3.13	3.19	
wind	0.2 m/s	velocity	4.76	8.47	9.35	9.43	9.71	9.62	9.62	9.43	9.17	9.09	8.50		53.4	6.90	9.58	9.40

Imai, Saori (JPN) (1990)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 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	2.09	3.27	4.35	5.39	6.42	7.46	8.50	9.55	10.62	11.71	11.71	/ 3				
reaction time	0.146	interval		1.18	1.08	1.04	1.03	1.04	1.04	1.05	1.07	1.09		# of strides	4.35	3.11	3.16	
wind	0.2 m/s	velocity	4.78	8.47	9.26	9.62	9.71	9.62	9.62	9.52	9.35	9.17	8.54		50.4	6.90	9.65	9.49

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	2.09	3.26	4.33	5.36	6.39	7.42	8.46	9.51	10.58	11.69	11.69	7 / 3
reaction time		interval		1.17	1.07	1.03	1.03	1.03	1.04	1.05	1.07	1.11		# of strides 4.33 3.09 3.16
wind	1.3 m/s	velocity	4.78	8.55	9.35	9.71	9.71	9.71	9.62	9.52	9.35	9.01	8.55	51.0 6.93 9.71 9.49

Impens, Ine (BEL) (2007)

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

date	08-Sep-23	time	2.13	3.34	4.46	5.55	6.63	7.71	8.81	9.92	11.06	12.23	12.23	8 / 5
reaction time	0.129	interval		1.21	1.12	1.09	1.08	1.08	1.10	1.11	1.14	1.17	PB	# of strides 4.46 3.25 3.35
wind	0.4 m/s	velocity	4.69	8.26	8.93	9.17	9.26	9.26	9.09	9.01	8.77	8.55	8.18	6.73 9.23 8.96

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

date	28-Jul-13	time		4.60		7.84		10.04		12.36		12.36		6 / 3
reaction time		interval				3.24		2.20		2.32				# of strides 4.60 3.24
wind	2.7 m/s	velocity		6.52		9.26		9.09		8.62		8.09		6.52 9.26

Isaksen, Iren Vevatne (NOR) (1985)

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

date	17-Jun-12	time		4.65		7.99		10.23		12.54		12.54		1 / 5
reaction time		interval				3.34		2.24		2.31				# of strides 4.65 3.34
wind	0.6 m/s	velocity		6.45		8.98		8.93		8.66		7.97		6.45 8.98

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

date	31-Jul-11	time		4.53		7.69		9.79		11.98		11.98		8 / 7
reaction time		interval				3.16		2.10		2.19				# of strides 4.53 3.16
wind	3.4 m/s	velocity		6.62		9.49		9.52		9.13		8.35		6.62 9.49

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

date	25-Jul-09	time		4.70		8.03		10.23		12.54		12.54		1 / 4
reaction time		interval				3.33		2.20		2.31				# of strides 4.70 3.33
wind	2.5 m/s	velocity		6.38		9.01		9.09		8.66		7.97		6.38 9.01

Ishida, Akane (JPN) (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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FINAL - 2009 Japanese National High School Championships (Nara, JPN)*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time		4.28	5.32	6.35	7.40	8.47	9.53	11.73	11.73	11.73		5 / 2
reaction time		interval			1.04	1.03	1.05	1.07	1.06	2.20	PB			# of strides 4.28 3.12
wind	1.6 m/s	velocity		7.01	9.62	9.71	9.52	9.35	9.43	9.09	8.53			7.01 9.62

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

date	24-Oct-20	time	2.07	3.28	4.38	5.43	6.46	7.49	8.53	9.59	10.68	11.79	11.79	4 / 3
reaction time	0.143	interval		1.21	1.10	1.05	1.03	1.03	1.04	1.06	1.09	1.11		# of strides 4.38 3.11 3.19
wind	2.0 m/s	velocity	4.83	8.26	9.09	9.52	9.71	9.71	9.62	9.43	9.17	9.01	8.48	52.9 6.85 9.65 9.40

FINAL - 2020 Japanese National Championships (Niigata, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	02-Oct-20	time	2.05	3.26	4.36	5.42	6.46	7.49	8.54	9.60	10.69	11.81	11.81	9 / 7
reaction time	0.141	interval		1.21	1.10	1.06	1.04	1.03	1.05	1.06	1.09	1.12		# of strides 4.36 3.13 3.20
wind	0.5 m/s	velocity	4.88	8.26	9.09	9.43	9.62	9.71	9.52	9.43	9.17	8.93	8.47	6.88 9.58 9.38

FINAL - 2020 World Athletics Trials (Fuji, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	06-Sep-20	time	2.01	3.21	4.30	5.35	6.38	7.41	8.44	9.49	10.55	11.65	11.65	1 / 1
reaction time		interval		1.20	1.09	1.05	1.03	1.03	1.03	1.05	1.06	1.10		# of strides 4.30 3.11 3.14
wind	1.4 m/s	velocity	4.98	8.33	9.17	9.52	9.71	9.71	9.71	9.52	9.43	9.09	8.58	6.98 9.65 9.55

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	23-Aug-20	time	2.02	3.22	4.32	5.38	6.43	7.48	8.54	9.62	10.72	11.86	11.86	8 / 3
reaction time	0.125	interval		1.20	1.10	1.06	1.05	1.05	1.06	1.08	1.10	1.14		# of strides 4.32 3.16 3.24
wind	-0.9 m/s	velocity	4.95	8.33	9.09	9.43	9.52	9.52	9.43	9.26	9.09	8.77	8.43	6.94 9.49 9.26

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

date	04-Oct-19	time		4.39		6.54				12.03	12.03	12.03		8 / 3
reaction time	0.150	interval				2.15				5.49				# of strides 4.39
wind	-1.5 m/s	velocity		6.83		3.06				9.11	8.31		53.0	6.83

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	2.02	3.18	4.25	5.29	6.31	7.33	8.36	9.41	10.47	11.56	11.56	3 / 2
reaction time		interval		1.16	1.07	1.04	1.02	1.02	1.03	1.05	1.06	1.09	PB	# of strides 4.25 3.08 3.14
wind	-0.1 m/s	velocity	4.95	8.62	9.35	9.62	9.80	9.80	9.71	9.52	9.43	9.17	8.65	52.2 7.06 9.74 9.55

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	2.08	3.28	4.38	5.44	6.50	7.55	8.62	9.70	10.81	11.93	11.93	/ 8			
reaction time		interval		1.20	1.10	1.06	1.06	1.05	1.07	1.08	1.11	1.12		# of strides	4.38	3.17	3.26
wind	0.0 m/s	velocity	4.81	8.33	9.09	9.43	9.43	9.52	9.35	9.26	9.01	8.93	8.38		6.85	9.46	9.20
Ishikawa, Yu (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 High School National Championships (Hiroshima, JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
date	24-Oct-20	time	2.06	3.24	4.31	5.34	6.35	7.37	8.39	9.43	10.48	11.56	11.56	6 / 1			
reaction time	0.163	interval		1.18	1.07	1.03	1.01	1.02	1.02	1.04	1.05	1.08		# of strides	4.31	3.06	3.11
wind	2.0 m/s	velocity	4.85	8.47	9.35	9.71	9.90	9.80	9.80	9.62	9.52	9.26	8.65	51.0	6.96	9.80	9.65
FINAL - 2020 Japanese National Championships (Niigata, JPN)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
date	02-Oct-20	time	2.08	3.26	4.33	5.37	6.40	7.43	8.46	9.51	10.57	11.66	11.66	6 / 3			
reaction time	0.158	interval		1.18	1.07	1.04	1.03	1.03	1.03	1.05	1.06	1.09	PB	# of strides	4.33	3.10	3.14
wind	0.5 m/s	velocity	4.81	8.47	9.35	9.62	9.71	9.71	9.71	9.52	9.43	9.17	8.58		6.93	9.68	9.55
Ito, Aya (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)													<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>				
date	30-Jul-10	time	2.13	3.37		5.62	6.73	7.87	8.99	10.14	11.27	12.48	12.48	8 / 6			
reaction time		interval		1.24		2.25	1.11	1.14	1.12	1.15	1.13	1.21		# of strides			3.37
wind	-3.2 m/s	velocity	4.69	8.06		8.89	9.01	8.77	8.93	8.70	8.85	8.26	8.01				8.90
Ito, Mizuki (JPN) (1994)			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)													<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>				
date	30-Jul-10	time	2.12	3.38		5.63	6.75	7.88	9.03	10.23	11.36	12.59	12.59	1 / 7			
reaction time		interval		1.26		2.25	1.12	1.13	1.15	1.20	1.13	1.23		# of strides			3.40
wind	-3.2 m/s	velocity	4.72	7.94		8.89	8.93	8.85	8.70	8.33	8.85	8.13	7.94				8.82
Ito, Yuna (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 National High School Championships (Okayama, JPN)													<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>				
date	30-Jul-16	time		3.21	4.38	5.45	6.49	7.57	8.64	9.72		11.98	11.98	1 / 2			
reaction time	0.166	interval			1.17	1.07	1.04	1.08	1.07	1.08		2.26		# of strides	4.38	3.19	
wind	1.6 m/s	velocity		6.23	8.55	9.35	9.62	9.26	9.35	9.26		8.85	8.35		6.85	9.40	
Ito, Yuri (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		3.34	4.45	5.55	6.64	7.74	8.86	9.98	11.12	12.32	12.32	7 / 8			
reaction time		interval			1.11	1.10	1.09	1.10	1.12	1.12	1.14	1.20		# of strides	4.45	3.29	3.38
wind	1.3 m/s	velocity		5.99	9.01	9.09	9.17	9.09	8.93	8.93	8.77	8.33	8.12		6.74	9.12	8.88
Ivery, Lakadron (USA) (1983)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.15	3.29	4.35	5.37	6.39	7.41	8.41	9.44	10.48	11.55	11.55	3 / 9			
reaction time		interval		1.14	1.06	1.02	1.02	1.02	1.00	1.03	1.04	1.07		# of strides	4.35	3.06	3.07
wind	2.1 m/s	velocity	4.65	8.77	9.43	9.80	9.80	9.80	10.00	9.71	9.62	9.35	8.66		6.90	9.80	9.77
Heat 2 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	2.10	3.25	4.32	5.34	6.37	7.39	8.41	9.50	10.53	11.64	11.64	3 / 4			
reaction time		interval		1.15	1.07	1.02	1.03	1.02	1.02	1.09	1.03	1.11		# of strides	4.32	3.07	3.14
wind	-0.7 m/s	velocity	4.76	8.70	9.35	9.80	9.71	9.80	9.80	9.17	9.71	9.01	8.59		6.94	9.77	9.55
Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)													<i>USATF Women's Sprint Development (2004)</i>				
date	09-Jul-04	time	2.12	3.30	4.36	5.41	6.39	7.44	8.47	9.54	10.58	11.72	11.72	5 / 4-3			
reaction time		interval		1.18	1.06	1.05	0.98	1.05	1.03	1.07	1.04	1.14		# of strides	4.36	3.08	3.14
wind	-1.6 m/s	velocity	4.72	8.47	9.43	9.52	10.20	9.52	9.71	9.35	9.62	8.77	8.53	49.0	6.88	9.74	9.55
Jackson, Shawnti (USA)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2020 Millrose Games (New York, NY)													<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>				
date	08-Feb-20	time	2.21	3.33	4.36	5.38	6.40	7.40					7.40	5 / 1			
reaction time		interval		1.12	1.03	1.02	1.00	1.00						# of strides	4.36	3.04	
wind		velocity	4.52	8.93	9.71	9.80	9.80	10.00					8.11		6.88	9.87	
Jackson, Shericka (JAM) (1994)			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	2.04	3.14	4.14	5.09	6.02	6.93	7.85	8.78	9.72	10.70	10.70	6 / 1			
reaction time	0.190	interval		1.10	1.00	0.95	0.93	0.91	0.92	0.93	0.94	0.98		# of strides	4.14	2.79	2.79
wind	0.8 m/s	velocity	4.90	9.09	10.00	10.53	10.75	10.99	10.87	10.75	10.64	10.20	9.35	47.0	7.25	10.75	10.75
FINAL - 2023 London Athletics Meet (London, GBR)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	23-Jul-23	time	2.02	3.12	4.13	5.10	6.06	7.01	7.96	8.94	9.92	10.94	10.94	4 / 3			
reaction time	0.155	interval		1.10	1.01	0.97	0.96	0.95	0.95	0.98	0.98	1.02		# of strides	4.13	2.88	2.91
wind	1.2 m/s	velocity	4.95	9.09	9.90	10.31	10.42	10.53	10.53	10.20	10.20	9.80	9.14	48.0	7.26	10.42	10.31

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

date	16-Jul-23	time	1.99	3.10	4.09	5.05	5.99	6.94	7.88	8.83	9.79	10.78	10.78	5 / 2				
reaction time	0.149	interval		1.11	0.99	0.96	0.94	0.95	0.94	0.95	0.96	0.99		# of strides	4.09	2.85	2.85	
wind	0.2 m/s	velocity	5.03	9.01	10.10	10.42	10.64	10.53	10.64	10.53	10.42	10.10	9.28	48.0	7.33	10.53	10.53	

Omega Timing (2023) - diamond league race analysis

FINAL - 2022 Weltklasse (Zürich, SUI)

date	08-Sep-22	time	3.14	5.10	6.98	8.87	10.81	10.81	4 / 2				
reaction time	0.171	interval		1.96	1.88	1.89	1.94		# of strides				
wind	-0.8 m/s	velocity	6.37	10.20	10.64	10.58	10.31	9.25	48.0				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Memorial van Damme (Brussels, BEL)

date	02-Sep-22	time	3.11	5.06	6.93	8.81	10.73	10.73	3 / 1				
reaction time	0.148	interval		1.95	1.87	1.88	1.92		# of strides				
wind	0.6 m/s	velocity	6.43	10.26	10.70	10.64	10.42	9.32	48.0				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Athletissima (Lausanne, SUI)

date	26-Aug-22	time	3.15	5.15	7.04	8.93	10.88	10.88	4 / 2				
reaction time	0.172	interval		2.00	1.89	1.89	1.95		# of strides				
wind	0.0 m/s	velocity	6.35	10.00	10.58	10.58	10.26	9.19	48.0				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)

date	10-Aug-22	time	3.13	5.09	6.96	8.83	10.71	10.71	3 / 2				
reaction time	0.171	interval		1.96	1.87	1.87	1.88	PB	# of strides				
wind	0.4 m/s	velocity	6.39	10.20	10.70	10.70	10.64	9.34	47.5				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Prefontaine Classic (Eugene, OR)

date	28-May-22	time	3.14	5.14	7.05	8.95	10.92	10.92	4 / 3				
reaction time	0.165	interval		2.00	1.91	1.90	1.97		# of strides				
wind	0.7 m/s	velocity	6.37	10.00	10.47	10.53	10.15	9.16	48.0				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)

date	21-May-22	time	3.13	5.17	7.13	9.11	11.12	11.12	6 / 3				
reaction time	0.154	interval		2.04	1.96	1.98	2.01		# of strides				
wind	-0.1 m/s	velocity	6.39	9.80	10.20	10.10	9.95	8.99	49.0				

Omega Timing (2022) - diamond league race analysis

FINAL - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time	3.2	5.2	7.1	9.0	10.92	10.92	5 / 3				
reaction time	0.190	interval		2.00	1.90	1.90	1.92		# of strides				
wind	1.7 m/s	velocity	6.25	10.00	10.53	10.53	10.42	9.16	51.0				

Omega Timing (2021) - diamond league race analysis

FINAL - 2021 Prefontaine Classic (Eugene, OR)

date	21-Aug-21	time	3.1	5.1	7.0	8.9	10.76	10.76	3 / 3				
reaction time	0.150	interval		2.00	1.90	1.90	1.86	=PB	# of strides				
wind	0.9 m/s	velocity	6.45	10.00	10.53	10.53	10.75	9.29	48.2				

Omega Timing (2021) - diamond league race analysis

FINAL - 2020 Olympic Games (Tokyo, JPN)

date	31-Jul-21	time	4.09	6.94	8.83	10.76	10.76	7 / 3					
reaction time	0.152	interval		2.85	3.82	1.93	PB	# of strides	4.09	2.85			
wind	-0.6 m/s	velocity	7.33	10.53	5.24	10.36	9.29	48.0	7.33	10.53			

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

Jackson-Small, Grace (JAM) (1961)

FINAL - 1988 Olympic Games (Seoul, KOR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	25-Sep-88	time	2.04	3.17	4.20	5.17	6.14	7.11	8.07	9.04	10.00	10.97	10.97	8 / 4			
reaction time	0.168	interval		1.13	1.03	0.97	0.97	0.97	0.96	0.97	0.96	0.97		# of strides	4.20	2.91	2.89
wind	3.0 m/s	velocity	4.90	8.85	9.71	10.31	10.31	10.31	10.42	10.31	10.42	10.31	9.12	42.6	7.14	10.31	10.38

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

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

date	25-Sep-88	time	2.09	3.22	4.27	5.27	6.25	7.21	8.17	9.13	10.09	11.06	11.06	2 / 4			
reaction time	0.189	interval		1.13	1.05	1.00	0.98	0.96	0.96	0.96	0.96	0.97		# of strides	4.27	2.94	2.88
wind	2.6 m/s	velocity	4.78	8.85	9.52	10.00	10.20	10.42	10.42	10.42	10.42	10.31	9.04		7.03	10.20	10.42

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

Jacobs, Simone (GBR) (1966)

FINAL - 1997 European Cup (Munich, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	21-Jun-97	time	2.03	4.35	7.40	9.45	11.55	11.55	/ 5						
reaction time		interval		2.32	3.05	2.05	2.10		# of strides	4.35	3.05				
wind	0.6 m/s	velocity	4.93	4.60	9.84	9.76	9.52	8.66		6.90	9.84				

Jung (2003) - <http://www.fgs.uni-halle.de>**Jacques-Sébastien, Lina (FRA) (1985)**

B FINAL - 2009 ISTAF (Berlin, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	14-Jun-09	time	3.28	4.35	5.39	7.44	9.55	11.69	11.69	/ 9					

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

reaction time	0.148	interval		1.07	1.04	2.05	2.11	2.14		# of strides	4.35	3.09
wind	0.1 m/s	velocity	6.10	9.35	9.62	9.76	9.48	9.35	8.55		6.90	9.71

Janoušová, Jana (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	2.18	3.39	4.54	5.61	6.71	7.81	8.93	10.05	11.23	12.46	4 / 3			
reaction time	0.146	interval		1.21	1.15	1.07	1.10	1.10	1.12	1.12	1.18	1.23	# of strides	4.54	3.27	3.42
wind	-4.5 m/s	velocity	4.59	8.26	8.70	9.35	9.09	9.09	8.93	8.93	8.47	8.13	8.03	6.61	9.17	8.77
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)																
date	28-Jun-14	time		3.35	5.55	7.71	9.91	12.17	12.17	12.17	12.17	12.17	4 / 1			
reaction time	0.101	interval			2.20	2.16	2.20	2.26	2.26	2.26	2.26	2.26	# of strides			
wind	-0.1 m/s	velocity		5.97	9.09	9.26	9.09	8.85	8.22	8.22	8.22	8.22				
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)																
date	15-Jun-13	time	3.38		5.56	7.69	9.90	12.19	12.19	12.19	12.19	12.19	2 / 5			
reaction time	0.153	interval			2.18	2.13	2.21	2.29	2.29	2.29	2.29	2.29	# of strides			
wind	-1.3 m/s	velocity	5.92		9.17	9.39	9.05	8.73	8.20	8.20	8.20	8.20				
Jansson, Ida (SWE) (1995)	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)																
date	17-Jun-12	time		4.61		7.86		10.05		12.33		12.33	1 / 2			
reaction time		interval				3.25		2.19		2.28		2.28	# of strides	4.61	3.25	
wind	0.6 m/s	velocity		6.51		9.23		9.13		8.77		8.11	6.51	9.23		
Jędrusińska, Dorota (POL) (1982)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
C FINAL - 2009 ISATF (Berlin, GER)																
date	14-Jun-09	time	3.30	4.38	5.42	7.49	9.62	11.80	11.80	11.80	11.80	11.80	1 / 4			
reaction time	0.193	interval		1.08	1.04	2.07	2.13	2.18	2.18	2.18	2.18	2.18	# of strides	4.38	3.11	
wind	0.9 m/s	velocity	6.06	9.26	9.62	9.66	9.39	9.17	8.47	8.47	8.47	8.47	6.85	9.65		
Jefferson, Melissa (USA) (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)																
date	03-Aug-24	time	1.99	3.13	4.15	5.12	6.07	7.02	7.99	8.95	9.92	10.92	10.92	5 / 3		
reaction time	0.144	interval		1.14	1.02	0.97	0.95	0.95	0.97	0.96	0.97	1.00	# of strides	4.15	2.87	2.90
wind	-0.1 m/s	velocity	5.03	8.77	9.80	10.31	10.53	10.53	10.31	10.42	10.31	10.00	9.16	50.5	7.23	10.45
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)																
date	03-Aug-24	time	1.98	3.11	4.13	5.12	6.06	7.02	8.00	8.98	9.97	10.99	10.99	4 / 1		
reaction time	0.143	interval		1.13	1.02	0.99	0.94	0.96	0.98	0.98	0.99	1.02	# of strides	4.13	2.89	2.95
wind	0.1 m/s	velocity	5.05	8.85	9.80	10.10	10.64	10.42	10.20	10.20	10.10	9.80	9.10	50.7	7.26	10.38
Heat 3 - 2024 Olympic Games (Paris, FRA)																
date	02-Aug-24	time	2.02	3.15	4.18	5.16	6.12	7.07	8.03	8.99	9.97	10.96	10.96	9 / 2		
reaction time	0.152	interval		1.13	1.03	0.98	0.96	0.95	0.96	0.96	0.98	0.99	# of strides	4.18	2.89	2.90
wind	1.5 m/s	velocity	4.95	8.85	9.71	10.20	10.42	10.53	10.42	10.42	10.20	10.10	9.12	50.0	7.18	10.38
FINAL - 2024 Prefontaine Classic (Eugene, OR)																
date	25-May-24	time	2.00	3.14	4.16	5.15	6.10	7.06	8.03	9.01	10.00	11.02	11.02	8 / 5		
reaction time	0.133	interval		1.14	1.02	0.99	0.95	0.96	0.97	0.98	0.99	1.02	# of strides	4.16	2.90	2.94
wind	1.5 m/s	velocity	5.00	8.77	9.80	10.10	10.53	10.42	10.31	10.20	10.10	9.80	9.07	51.5	7.21	10.34
FINAL - 2023 London Athletics Meet (London, GBR)																
date	23-Jul-23	time	2.01	3.16	4.19	5.19	6.16	7.13	8.10	9.08	10.07	11.09	11.09	8 / 7		
reaction time	0.154	interval		1.15	1.03	1.00	0.97	0.97	0.97	0.98	0.99	1.02	# of strides	4.19	2.94	2.94
wind	1.2 m/s	velocity	4.98	8.70	9.71	10.00	10.31	10.31	10.31	10.20	10.10	9.80	9.02	53.0	7.16	10.20
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)																
date	06-Aug-22	time		3.16		5.20		7.16		9.14		11.18	11.18	3 / 7		
reaction time	0.146	interval				2.04		1.96		1.98		2.04	# of strides			
wind	0.5 m/s	velocity		6.33		9.80		10.20		10.10		9.80	8.94	52.0		
Jensen, Christine (DEN) (1991)	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)																
date	20-Jul-14	time		4.54		7.72		9.87		12.04		12.04	6 / 2			
reaction time		interval				3.18		2.15		2.17		2.17	# of strides	4.54	3.18	
wind	2.3 m/s	velocity		6.61		9.43		9.30		9.22		8.31	6.61	9.43		
Jensen, Christine Bjelland (NOR) (1991)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
National B FINAL - 2023 Weltklasse (Zürich, SUI)																
date	31-Aug-23	time	2.18	3.41	4.51	5.58	6.62	7.66	8.72	9.78	10.86	11.95	11.95	3 / 7		

reaction time	0.175	interval	1.23	1.10	1.07	1.04	1.04	1.06	1.06	1.08	1.09	# of strides	4.51	3.15	3.20	
wind	-0.2 m/s	velocity	4.59	8.13	9.09	9.35	9.62	9.62	9.43	9.43	9.26	9.17	8.37	6.65	9.52	9.38

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

date	17-Jun-12	time	4.70	8.01	10.21	12.48	12.48			/ 2
reaction time		interval		3.31	2.20	2.27	2.27	# of strides	4.70	3.31
wind	1.5 m/s	velocity	6.38	9.06	9.09	8.81	8.01	6.38	9.06	

Jernstig, Freja (SWE) (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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FINAL - 2012 Windsprint (Sundsvall, SWE)															
(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx															
date	17-Jun-12	time	4.38	7.48	9.56	11.74	11.74			6 / 4					
reaction time		interval		3.10	2.08	2.18	2.18	# of strides	4.38	3.10					
wind	1.0 m/s	velocity	6.85	9.68	9.62	9.17	8.52	6.85	9.68						

Jeter, Carmelita (USA) (1979)

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 - 2011 IAAF World Championships (Daegu, KOR)																	
KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011																	
date	29-Aug-11	time	1.94	3.05	4.06	5.02	5.97	6.92	7.88	8.85	9.84	10.90	10.90	4 / 1			
reaction time	0.167	interval		1.11	1.01	0.96	0.95	0.95	0.96	0.97	0.99	1.06	# of strides	4.06	2.86	2.92	
wind	-1.4 m/s	velocity	5.15	9.01	9.90	10.42	10.53	10.53	10.42	10.31	10.10	9.43	9.17	50.5	7.39	10.49	10.27

FINAL - 2009 IAAF World Championships (Berlin, GER)

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

date	17-Aug-09	time	3.13	4.13	5.09	7.01	8.91	10.90	10.90	5 / 3		
reaction time	0.160	interval		1.00	0.96	1.92	1.90	1.99	# of strides	4.13	2.88	
wind	0.1 m/s	velocity	6.39	10.00	10.42	10.42	10.53	10.05	9.17	47.5	7.26	10.42

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

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

date	17-Aug-09	time	3.12	4.12	5.09	7.00	8.89	10.83	10.83	4 / 1		
reaction time	0.144	interval		1.00	0.97	1.91	1.89	1.94	PB	# of strides	4.12	2.88
wind	-0.1 m/s	velocity	6.41	10.00	10.31	10.47	10.58	10.31	9.23	49.5	7.28	10.42

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

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

date	16-Aug-09	time	3.10	4.11	5.09	7.03	8.93	10.94	10.94	5 / 1		
reaction time	0.140	interval		1.01	0.98	1.94	1.90	2.01	# of strides	4.11	2.92	
wind	-0.4 m/s	velocity	6.45	9.90	10.20	10.31	10.53	9.95	9.14	49.0	7.30	10.27

Heat 3 - 2009 IAAF World Championships (Berlin, GER)

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

date	16-Aug-09	time	3.20	4.22	5.20	7.17	9.13	11.22	11.22	6 / 1	
reaction time	0.197	interval		1.02	0.98	1.97	1.96	2.09	# of strides	4.22	2.95
wind	-0.1 m/s	velocity	6.25	9.80	10.20	10.15	10.20	9.57	8.91	7.11	10.17

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

date	14-Sep-08	time	3.25	4.29	5.29	6.27	7.27	8.23	9.21	11.21	11.21	8 / 4	
reaction time	0.171	interval		1.04	1.00	0.98	1.00	0.96	0.98	2.00	# of strides	4.29	2.98
wind	0.3 m/s	velocity	6.15	9.62	10.00	10.20	10.00	10.42	10.20	10.00	8.92	6.99	10.07

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.19	3.28	4.27	5.24	6.19	7.15	8.07	9.09	10.06	11.05	11.05	5 / 5			
reaction time		interval		1.09	0.99	0.97	0.95	0.96	0.92	1.02	0.97	0.99	# of strides	4.27	2.88	2.91	
wind	1.8 m/s	velocity	4.57	9.17	10.10	10.31	10.53	10.42	10.87	9.80	10.31	10.10	9.05	49.2	7.03	10.42	10.31

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.12	3.22	4.20	5.18	6.14	7.11	8.08	9.03	9.98	10.97	10.97	3 / 1			
reaction time		interval		1.10	0.98	0.98	0.96	0.97	0.97	0.95	0.95	0.99	PB	# of strides	4.20	2.91	2.87
wind	0.7 m/s	velocity	4.72	9.09	10.20	10.20	10.42	10.31	10.31	10.53	10.53	10.10	9.12	7.14	10.31	10.45	

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.09	3.22	4.23	5.24	6.21	7.15	8.13	9.09	10.09	11.10	11.10	5 / 1		
reaction time		interval		1.13	1.01	1.01	0.97	0.94	0.98	0.96	1.00	1.01	# of strides	4.23	2.92	2.94
wind	1.4 m/s	velocity	4.78	8.85	9.90	9.90	10.31	10.64	10.20	10.42	10.00	9.90	9.01	7.09	10.27	10.20

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

date	23-Sep-07	time	3.19	4.20	5.18	7.12	9.09	11.10	11.10	4 / 1		
reaction time	0.158	interval		1.01	0.98	1.94	1.97	2.01	# of strides	4.20	2.92	
wind	-0.6 m/s	velocity	6.27	9.90	10.20	10.31	10.15	9.95	9.01	50.1	7.14	10.27

Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.15	3.32	4.37	5.38	6.36	7.41	8.46	9.51	10.60	11.76	11.76	2 / 5 5			
reaction time		interval		1.17	1.05	1.01	0.98	1.05	1.05	1.05	1.09	1.16	# of strides	4.37	3.04	3.19	
wind	-1.6 m/s	velocity	4.65	8.55	9.52	9.90	10.20	9.52	9.52	9.52	9.17	8.62	8.50	51.0	6.86	9.87	9.40

Jett, Kisha (USA) (1975)

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 2 - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	2.10	4.30	6.29	10.28	11.38	11.38	8 / 6
reaction time		interval		2.20	1.99	3.99	1.10		# of strides 4.30
wind	0.2 m/s	velocity	4.76	9.09	10.05	10.03	9.09	8.79	51.5 6.98

Jingbo, Yuki (JPN) (1995)

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

FINAL - 2013 Japanese National High School Championships (Oita, JPN) Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data

date	31-Jul-13	time	2.13	3.37	4.48	5.54	6.59	7.64	8.70	9.78	10.88	12.01	12.01		/ 4
reaction time		interval		1.24	1.11	1.06	1.05	1.05	1.06	1.08	1.10	1.13			# of strides 4.48 3.16 3.24
wind	-0.5 m/s	velocity	4.69	8.06	9.01	9.43	9.52	9.52	9.43	9.26	9.09	8.85	8.33		6.70 9.49 9.26

Jingqi, Viwe (RSA) (2005)

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

FINAL - 2024 FBK Games (Hengelo, NED) Omega Timing (2024) - continental tour gold race analysis

date	07-Jul-24	time	2.00	3.15	4.20	5.21	6.23	7.26	8.28	9.31	10.35	11.45	11.45		2 / 5
reaction time	0.154	interval		1.15	1.05	1.01	1.02	1.03	1.02	1.03	1.04	1.10			# of strides 4.20 3.06 3.09
wind	0.6 m/s	velocity	5.00	8.70	9.52	9.90	9.80	9.71	9.80	9.71	9.62	9.09	8.73		52.0 7.14 9.80 9.71

Jiya, Tasa (NED) (1997)

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

Heat A - 2024 Weltklasse (Zürich, SUI) Omega Timing (2024) - diamond league race analysis

date	05-Sep-24	time	2.05	3.21	4.26	5.28	6.29	7.29	8.30	9.31	10.34	11.42	11.42		8 / 5
reaction time	0.154	interval		1.16	1.05	1.02	1.01	1.00	1.01	1.01	1.03	1.08			# of strides 4.26 3.03 3.05
wind	-0.3 m/s	velocity	4.88	8.62	9.52	9.80	9.90	10.00	9.90	9.90	9.71	9.26	8.76		7.04 9.90 9.84

Johansson, Charlotte (SWE) (1986)

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

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

date	08-Aug-10	time		4.72			8.12		10.40		12.76	12.76			/ 6
reaction time		interval					3.40		2.28		2.36				# of strides 4.72 3.40
wind	3.5 m/s	velocity		6.36			8.82		8.77		8.47	7.84			6.36 8.82

Johansson, Malin (SWE) (1992)

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

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

date	20-Jul-14	time		4.56			7.77		9.92		12.13	12.13			2 / 3
reaction time		interval					3.21		2.15		2.21				# of strides 4.56 3.21
wind	2.3 m/s	velocity		6.58			9.35		9.30		9.05	8.24			6.58 9.35

B FINAL - 2013 Windsprint (Sundsvall, SWE)

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

date	28-Jul-13	time		4.55			7.72		9.83		11.96	11.96			7 / 4
reaction time		interval					3.17		2.11		2.13				# of strides 4.55 3.17
wind	2.6 m/s	velocity		6.59			9.46		9.48		9.39	8.36			6.59 9.46

C FINAL - 2010 Windsprint (Sundsvall, SWE)

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

date	08-Aug-10	time		4.74			8.12		10.37		12.71	12.71			/ 5
reaction time		interval					3.38		2.25		2.34				# of strides 4.74 3.38
wind	3.5 m/s	velocity		6.33			8.88		8.89		8.55	7.87			6.33 8.88

C FINAL - 2009 Windsprint (Sundsvall, SWE)

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

date	25-Jul-09	time		4.82			8.20		10.45		12.81	12.81			/ 5
reaction time		interval					3.38		2.25		2.36				# of strides 4.82 3.38
wind	0.9 m/s	velocity		6.22			8.88		8.89		8.47	7.81			6.22 8.88

Johnson, Kortnei (USA) (1997)

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

FINAL - 2024 Seashore Doha Meeting (Doha, QAT) Omega Timing (2024) - diamond league race analysis

date	10-May-24	time	2.04	3.19	4.25	5.25	6.23	7.22	8.21	9.23	10.25	11.29	11.29		1 / 6
reaction time	0.151	interval		1.15	1.06	1.00	0.98	0.99	0.99	1.02	1.02	1.04			# of strides 4.25 2.97 3.03
wind	2.0 m/s	velocity	4.90	8.70	9.43	10.00	10.20	10.10	10.10	9.80	9.80	9.62	8.86		53.0 7.06 10.10 9.90

Jones, Hayley (GBR) (1988)

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		4.27			7.29		9.32		11.42	11.42			5 / 1
reaction time		interval					3.02		2.03		2.10				# of strides 4.27 3.02
wind	1.0 m/s	velocity		7.03			9.93		9.85		9.52	8.76			7.03 9.93

FINAL - 2010 Windsprint (Sundsvall, SWE)

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

date	08-Aug-10	time		4.29			7.32		9.34		11.48	11.48			/ 3
reaction time		interval					3.03		2.02		2.14				# of strides 4.29 3.03
wind	2.4 m/s	velocity		6.99			9.90		9.90		9.35	8.71			6.99 9.90

Jones, Marion (USA) (1975)

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

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

date	23-Jun-06	time	2.07	3.17	4.19	5.17	6.14	7.11	8.09	9.06	10.09	11.10	11.10		4 / 4
reaction time		interval		1.10	1.02	0.98	0.97	0.97	0.98	0.97	1.03	1.01	DV		# of strides 4.19 2.92 2.98

wind	-0.9 m/s	velocity	4.83	9.09	9.80	10.20	10.31	10.31	10.20	10.31	9.71	9.90	9.01	48.5	7.16	10.27	10.07
FINAL - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.04	3.21	4.24	5.23	6.18	7.16	8.13	9.11	10.10	11.14	11.14	6 / 5			
reaction time	0.179	interval		1.17	1.03	0.99	0.95	0.98	0.97	0.98	0.99	1.04	DV	# of strides	4.24	2.92	2.94
wind	0.1 m/s	velocity	4.90	8.55	9.71	10.10	10.53	10.20	10.31	10.20	10.10	9.62	8.98	48.0	7.08	10.27	10.20

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.08	3.20	4.22	5.22	6.16	7.15	8.11	9.08	10.11	11.14	11.14	5 / 4			
reaction time		interval		1.12	1.02	1.00	0.94	0.99	0.96	0.97	1.03	1.03	DV	# of strides	4.22	2.93	2.96
wind	-0.7 m/s	velocity	4.81	8.93	9.80	10.00	10.64	10.10	10.42	10.31	9.71	9.71	8.98	47.7	7.11	10.24	10.14

Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	09-Jul-04	time	2.09	3.22	4.26	5.24	6.21	7.20	8.22	9.21	10.23	11.38	11.38	3 / 2			
reaction time		interval		1.13	1.04	0.98	0.97	0.99	1.02	0.99	1.02	1.15	DV	# of strides	4.26	2.94	3.03
wind	-1.6 m/s	velocity	4.78	8.85	9.62	10.20	10.31	10.10	9.80	10.10	9.80	8.70	8.79	48.7	7.04	10.20	9.90

FINAL - 2001 IAAF World Championships (Edmonton, CA)														<i>Veney - split times from PJ</i>			
date	06-Aug-01	time	1.97	3.07	4.12	5.12	6.07	7.02	7.97	8.82	9.88	10.85	10.85	3 / 2			
reaction time	0.146	interval		1.10	1.05	1.00	0.95	0.95	0.95	0.85	1.06	0.97	DV	# of strides	4.12	2.90	2.86
wind	-0.2 m/s	velocity	5.08	9.09	9.52	10.00	10.53	10.53	10.53	11.76	9.43	10.31	9.22	48.7	7.28	10.34	10.49

FINAL - 2000 Olympic Games (Sydney, AUS)														<i>Veney - Sydney 100m women's splits</i>			
date	24-Sep-00	time	1.83		3.93		5.96	6.90	7.85		9.76	10.75	10.87	5 / 4			
reaction time	0.189	interval			2.10		2.03	0.94	0.95		1.91	0.99	DV	# of strides	3.93	2.97	2.86
wind	-0.4 m/s	velocity	5.46		9.52		9.85	10.64	10.53		10.47	10.10	9.20		7.63	10.10	10.49

FINAL - 2000 ISTAF (Berlin, GER)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	01-Sep-00	time		3.05	4.05	5.02	5.96	6.90		8.80		10.78	10.78	1 / 1			
reaction time	0.152	interval			1.00	0.97	0.94	0.94		1.90		1.98	DV	# of strides	4.05	2.85	
wind	0.1 m/s	velocity		6.56	10.00	10.31	10.64	10.64		10.53		10.10	9.28	48.7	7.41	10.53	

FINAL - 2000 USA Olympic Trials (Sacramento, CA)														<i>Lyle - miscellaneous coaching notes</i>			
date	15-Jul-00	time	2.01		4.14		6.01	6.92		9.84	10.88	10.88	10.88	1 / 1			
reaction time		interval			2.13		1.87	0.91		2.92	1.04			# of strides	4.14	2.78	2.92
wind	-1.0 m/s	velocity	4.98		4.69		10.70	10.99		10.27	9.62	9.19			7.25	10.79	10.27

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	1.83	2.93	3.92	4.87	5.81	6.73	7.67	8.63	9.60	10.58	10.70	5 / 1			
reaction time	0.120	interval		1.10	0.99	0.95	0.94	0.92	0.94	0.96	0.97	0.98	CR / PB	# of strides	3.92	2.81	2.87
wind	-0.1 m/s	velocity	5.46	9.09	10.10	10.53	10.64	10.87	10.64	10.42	10.31	10.20	9.35		7.65	10.68	10.45

FINAL - 1997 IAAF World Championships (Athens, GRE)														<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>			
date	03-Aug-97	time	1.81	2.92	3.94	4.91	5.86	6.80	7.75	8.70	9.67	10.66	10.83	1 / 1			
reaction time	0.160	interval		1.11	1.02	0.97	0.95	0.94	0.95	0.95	0.97	0.99	PB	# of strides	3.94	2.86	2.87
wind	0.4 m/s	velocity	5.52	9.01	9.80	10.31	10.53	10.64	10.53	10.53	10.31	10.10	9.23	47.5	7.61	10.49	10.45

Jones, Shakedia (USA) (1979)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1996 USATF National Junior Championships (Delaware, OH)														<i>USATF Women's Sprint Development (1996)</i>														
date	28-Jun-96	time	2.13		4.36		6.27	7.27		10.49	11.71	11.71	11.71	4 / 4														
reaction time		interval			2.23		1.91	1.00		3.22	1.22			# of strides	4.36	2.91	3.22											
wind	0.5 m/s	velocity	4.69		8.97		10.47	10.00		9.32	8.20	8.54			6.88	10.31	9.32											

Jones, Soniya (ANT) (2002)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2020 Millrose Games (New York, NY)														<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>														
date	08-Feb-20	time	2.23	3.39	4.48	5.54	6.59	7.60					7.60	8 / 4														
reaction time		interval		1.16	1.09	1.06	1.05	1.01					PB	# of strides	4.48	3.12												
		velocity	4.48	8.62	9.17	9.43	9.52	9.90					7.89		6.70	9.62												

Jones, Teneeshia (USA) (1979)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>														
date	09-Jul-04	time	2.09	3.23	4.31	5.34	6.34	7.39	8.43	9.49	10.58	11.72	11.72	7 / 5 4														
reaction time		interval		1.14	1.08	1.03	1.00	1.05	1.04	1.06	1.09	1.14		# of strides	4.31	3.08	3.19											
wind	-1.6 m/s	velocity	4.78	8.77	9.26	9.71	10.00	9.52	9.62	9.43	9.17	8.77	8.53	53.0	6.96	9.74	9.40											

Jones-Ferrett, Laverne (ISV) (1981)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 ISTAF (Berlin, GER)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	14-Jun-09	time		3.11	4.14	5.14		7.11		9.16		11.23	11.23	1 / 6														
reaction time	0.147	interval			1.03	1.00		1.97		2.05		2.07		# of strides	4.14	2.97												
wind	0.1 m/s	velocity		6.43	9.71	10.00		10.15		9.76		9.66	8.90		7.25	10.10												

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Jong, Fleur (NED) (1995) (T62)																	
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	17-Sep-23	time	2.51	3.85	5.03	6.15	7.24	8.31	9.38	10.46	11.54	12.67	12.67	5 / 1			
reaction time	0.172	interval		1.34	1.18	1.12	1.09	1.07	1.07	1.08	1.08	1.13		# of strides	5.03	3.28	3.23
wind	0.7 m/s	velocity	3.98	7.46	8.47	8.93	9.17	9.35	9.35	9.26	9.26	8.85	7.89	52.0	5.96	9.15	9.29
Jordan, Victoria (USA) (1990)																	
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.11	3.22	4.27	5.23	6.21	7.21	8.21	9.18	10.17	11.29	11.29	2 / 8			
reaction time		interval		1.11	1.05	0.96	0.98	1.00	1.00	0.97	0.99	1.12		# of strides	4.27	2.94	2.96
wind	3.4 m/s	velocity	4.74	9.01	9.52	10.42	10.20	10.00	10.00	10.31	10.10	8.93	8.86		7.03	10.20	10.14
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.06	3.19	4.20	5.22	6.21	7.20	8.20	9.23	10.29	11.36	11.36	2 / 5			
reaction time		interval		1.13	1.01	1.02	0.99	0.99	1.00	1.03	1.06	1.07		# of strides	4.20	3.00	3.09
wind	1.4 m/s	velocity	4.85	8.85	9.90	9.80	10.10	10.10	10.00	9.71	9.43	9.35	8.80		7.14	10.00	9.71
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	20-Jun-08	time	2.10	3.20	4.23	5.23	6.22	7.21	8.23	9.29	10.31	11.38	11.38	5 / 2			
reaction time		interval		1.10	1.03	1.00	0.99	0.99	1.02	1.06	1.02	1.07		# of strides	4.23	2.98	3.10
wind	1.3 m/s	velocity	4.76	9.09	9.71	10.00	10.10	10.10	9.80	9.43	9.80	9.35	8.79		7.09	10.07	9.68
Joseph, Gémima (FRA) (2001)																	
Heat 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.00	3.16	4.20	5.20	6.18	7.14	8.12	9.11	10.12	11.13	11.13	1 / 5			
reaction time	0.126	interval		1.16	1.04	1.00	0.98	0.96	0.98	0.99	1.01	1.01		# of strides	4.20	2.94	2.98
wind	1.5 m/s	velocity	5.00	8.62	9.62	10.00	10.20	10.42	10.20	10.10	9.90	9.90	8.98	50.2	7.14	10.20	10.07
FINAL - 2024 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	07-Jul-24	time	1.95	3.14	4.21	5.25	6.26	7.27	8.28	9.30	10.32	11.43	11.43	3 / 7			
reaction time	0.123	interval		1.19	1.07	1.04	1.01	1.01	1.01	1.02	1.02	1.11		# of strides	4.21	3.06	3.05
wind	-2.0 m/s	velocity	5.13	8.40	9.35	9.62	9.90	9.90	9.90	9.80	9.80	9.01	8.75	51.5	7.13	9.80	9.84
B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.2		5.4		7.5		9.6		11.87	11.87	4 / 6			
reaction time	0.189	interval				2.20		2.10		2.10		2.27		# of strides			
wind	-2.7 m/s	velocity		6.25		9.09		9.52		9.52		8.81	8.42				
Joyce, Alexis (USA) (1983)																	
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	28-Jun-08	time	2.09	3.19	4.22	5.23	6.20	7.19	8.19	9.21	10.26	11.31	11.31	8 / 8			
reaction time		interval		1.10	1.03	1.01	0.97	0.99	1.00	1.02	1.05	1.05		# of strides	4.22	2.97	3.07
wind	3.2 m/s	velocity	4.78	9.09	9.71	9.90	10.31	10.10	10.00	9.80	9.52	9.52	8.84	53.7	7.11	10.10	9.77
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.06	3.14	4.18	5.17	6.12	7.09	8.06	9.06	10.08	11.16	11.16	7 / 5			
reaction time		interval		1.08	1.04	0.99	0.95	0.97	0.97	1.00	1.02	1.08		# of strides	4.18	2.91	2.99
wind	3.4 m/s	velocity	4.85	9.26	9.62	10.10	10.53	10.31	10.31	10.00	9.80	9.26	8.96		7.18	10.31	10.03
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.04	3.12	4.16	5.14	6.11	7.12	8.11	9.12	10.19	11.21	11.21	3 / 4			
reaction time		interval		1.08	1.04	0.98	0.97	1.01	0.99	1.01	1.07	1.02		# of strides	4.16	2.96	3.07
wind	3.5 m/s	velocity	4.90	9.26	9.62	10.20	10.31	9.90	10.10	9.90	9.35	9.80	8.92		7.21	10.14	9.77
Kadlecová, Adéla (CZE) (1996)																	
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	2.27	3.49	4.69	5.83	6.96	8.11	9.25	10.40	11.58	12.87	12.87	3 / 8			
reaction time	0.162	interval		1.22	1.20	1.14	1.13	1.15	1.14	1.15	1.18	1.29		# of strides	4.69	3.42	3.47
wind	-4.5 m/s	velocity	4.41	8.20	8.33	8.77	8.85	8.70	8.77	8.70	8.47	7.75	7.77		6.40	8.77	8.65
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		3.53		5.81		7.97		10.14		12.41	12.41	5 / 2			
reaction time	0.206	interval				2.28		2.16		2.17		2.27		# of strides			
wind	-0.1 m/s	velocity		5.67		8.77		9.26		9.22		8.81	8.06				
Kageyama, Megumi (JPN) (1990)																	
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	2.18	3.35	4.43	5.49	6.53	7.58	8.63	9.69	10.77	11.87	11.87	1 / 1			
reaction time		interval		1.17	1.08	1.06	1.04	1.05	1.05	1.06	1.08	1.10	PB	# of strides	4.43	3.15	3.19
wind	0.4 m/s	velocity	9.17	8.55	9.26	9.43	9.62	9.52	9.52	9.43	9.26	9.09	8.42		6.77	9.52	9.40

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Kageyama, Sakiho (JPN) (2002)																	
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
date	24-Oct-20	time	2.05	3.23	4.32	5.37	6.42	7.48	8.54	9.63	10.75	11.90	11.90	3 / 2			
reaction time	0.148	interval		1.18	1.09	1.05	1.05	1.06	1.06	1.09	1.12	1.15		# of strides	4.32	3.16	3.27
wind	-0.5 m/s	velocity	4.88	8.47	9.17	9.52	9.52	9.43	9.43	9.17	8.93	8.70	8.40	56.3	6.94	9.49	9.17
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
date	23-Aug-20	time	2.05	3.24	4.34	5.42	6.49	7.56	8.64	9.74	10.86	11.99	11.99	3 / 6			
reaction time	0.150	interval		1.19	1.10	1.08	1.07	1.07	1.08	1.10	1.12	1.13		# of strides	4.34	3.22	3.30
wind	-0.9 m/s	velocity	4.88	8.40	9.09	9.26	9.35	9.35	9.26	9.09	8.93	8.85	8.34		6.91	9.32	9.09
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	2.02	3.19	4.26	5.31	6.34	7.38	8.43	9.50	10.58	11.69	11.69	6 / 4			
reaction time		interval		1.17	1.07	1.05	1.03	1.04	1.05	1.07	1.08	1.11	PB	# of strides	4.26	3.12	3.20
wind	-0.1 m/s	velocity	4.95	8.55	9.35	9.52	9.71	9.62	9.52	9.35	9.26	9.01	8.55	52.2	7.04	9.62	9.38
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	2.03	3.21	4.29	5.34	6.39	7.44	8.50	9.57	10.66	11.77	11.77	/ 2			
reaction time		interval		1.18	1.08	1.05	1.05	1.05	1.06	1.07	1.09	1.11	PB	# of strides	4.29	3.15	3.22
wind	0.0 m/s	velocity	4.93	8.47	9.26	9.52	9.52	9.52	9.43	9.35	9.17	9.01	8.50		6.99	9.52	9.32
Kambundji, Mujinga (SUI) (1992)																	
FINAL - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	05-Sep-24	time	2.07	3.21	4.24	5.22	6.19	7.16	8.14	9.13	10.12	11.14	11.14	3 / 8			
reaction time	0.139	interval		1.14	1.03	0.98	0.97	0.97	0.98	0.99	0.99	1.02		# of strides	4.24	2.92	2.96
wind	0.1 m/s	velocity	4.83	8.77	9.71	10.20	10.31	10.31	10.20	10.10	10.10	9.80	8.98	51.5	7.08	10.27	10.14
FINAL - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	22-Aug-24	time	2.03	3.15	4.17	5.15	6.11	7.08	8.05	9.03	10.04	11.06	11.06	5 / 3			
reaction time	0.127	interval		1.12	1.02	0.98	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.17	2.91	2.96
wind	-0.4 m/s	velocity	4.93	8.93	9.80	10.20	10.42	10.31	10.31	10.20	9.90	9.80	9.04	51.7	7.19	10.31	10.14
FINAL - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
date	03-Aug-24	time	1.99	3.13	4.14	5.11	6.07	7.01	7.99	8.97	9.95	10.99	10.99	2 / 6			
reaction time	0.136	interval		1.14	1.01	0.97	0.96	0.94	0.98	0.98	0.98	1.04		# of strides	4.14	2.87	2.94
wind	-0.1 m/s	velocity	5.03	8.77	9.90	10.31	10.42	10.64	10.20	10.20	10.20	9.62	9.10	52.0	7.25	10.45	10.20
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
date	03-Aug-24	time	2.02	3.15	4.17	5.15	6.10	7.07	8.04	9.03	10.03	11.05	11.05	8 / 3			
reaction time	0.131	interval		1.13	1.02	0.98	0.95	0.97	0.97	0.99	1.00	1.02		# of strides	4.17	2.90	2.96
wind	0.1 m/s	velocity	4.95	8.85	9.80	10.20	10.53	10.31	10.31	10.10	10.00	9.80	9.05	52.0	7.19	10.34	10.14
Heat 7 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
date	02-Aug-24	time	2.04	3.17	4.18	5.15	6.11	7.07	8.04	9.02	10.03	11.05	11.05	4 / 2			
reaction time	0.136	interval		1.13	1.01	0.97	0.96	0.96	0.97	0.98	1.01	1.02		# of strides	4.18	2.89	2.96
wind	-0.2 m/s	velocity	4.90	8.85	9.90	10.31	10.42	10.42	10.31	10.20	9.90	9.80	9.05	51.5	7.18	10.38	10.14
FINAL - 2024 Meeting de Paris (Paris, FRA)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	07-Jul-24	time	2.01	3.16	4.18	5.17	6.14	7.12	8.10	9.09	10.12	11.22	11.22	7 / 4			
reaction time	0.155	interval		1.15	1.02	0.99	0.97	0.98	0.98	0.99	1.03	1.10		# of strides	4.18	2.94	3.00
wind	-2.0 m/s	velocity	4.98	8.70	9.80	10.10	10.31	10.20	10.20	10.10	9.71	9.09	8.91	52.0	7.18	10.20	10.00
FINAL - 2023 Weltklasse (Zürich, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	31-Aug-23	time	2.03	3.15	4.17	5.15	6.12	7.08	8.06	9.04	10.05	11.08	11.08	6 / 4			
reaction time	0.134	interval		1.12	1.02	0.98	0.97	0.96	0.98	0.98	1.01	1.03		# of strides	4.17	2.91	2.97
wind	-0.2 m/s	velocity	4.93	8.93	9.80	10.20	10.31	10.42	10.20	10.20	9.90	9.71	9.03	52.0	7.19	10.31	10.10
FINAL - 2023 Athletissima (Lausanne, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	30-Jun-23	time	2.03	3.17	4.21	5.21	6.21	7.21	8.23	9.25	10.30	11.41	11.41	6 / 8			
reaction time	0.136	interval		1.14	1.04	1.00	1.00	1.00	1.02	1.02	1.05	1.11		# of strides	4.21	3.00	3.09
wind	-0.8 m/s	velocity	4.93	8.77	9.62	10.00	10.00	10.00	9.80	9.80	9.52	9.01	8.76	52.7	7.13	10.00	9.71
FINAL - 2022 Athletissima (Lausanne, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	26-Aug-22	time		3.14		5.18		7.13		9.09		11.15	11.15	6 / 6			
reaction time	0.126	interval				2.04		1.95		1.96		2.06		# of strides			
wind	0.0 m/s	velocity		6.37		9.80		10.26		10.20		9.71	8.97	52.2			
FINAL - 2022 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	28-May-22	time		3.15		5.17		7.11		9.07		11.11	11.11	7 / 7			
reaction time	0.138	interval				2.02		1.94		1.96		2.04		# of strides			
wind	0.7 m/s	velocity		6.35		9.90		10.31		10.20		9.80	9.00	52.0			

FINAL - 2021 Weltklasse (Zürich, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>					
date	09-Sep-21	time	3.2	5.1	7.0	9.0	10.94	10.94	5 / 5									
reaction time	0.126	interval		1.90	1.90	2.00	1.94	PB	# of strides									
wind	0.6 m/s	velocity	6.25	10.53	10.53	10.00	10.31	9.14	52.5									
FINAL - 2021 Athletissima (Lausanne, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>					
date	26-Aug-21	time	3.2	5.2	7.1	9.1	11.01	11.01	7 / 7									
reaction time	0.127	interval		2.00	1.90	2.00	1.91		# of strides									
wind	1.7 m/s	velocity	6.25	10.00	10.53	10.00	10.47	9.08	51.7									
FINAL - 2021 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2021) - diamond league race analysis</i>					
date	21-Aug-21	time	3.2	5.2	7.1	9.0	10.96	10.96	8 / 7									
reaction time	0.143	interval		2.00	1.90	1.90	1.96		# of strides									
wind	0.9 m/s	velocity	6.25	10.00	10.53	10.53	10.20	9.12	51.0									
FINAL - 2020 Olympic Games (Tokyo, JPN)													<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>					
date	31-Jul-21	time	4.12	7.01	8.96	10.99	10.99		9 / 6									
reaction time	0.138	interval		2.89	3.98	2.03			# of strides	4.12	2.89							
wind	-0.6 m/s	velocity	7.28	10.38	5.03	9.85	9.10		52.7	7.28	10.38							
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	27-Feb-16	time	4.24	7.21			7.21		/ 1									
reaction time		interval		2.97					# of strides	4.24	2.97							
		velocity	7.08	10.10			8.32		32.0	7.08	10.10							
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	27-Feb-16	time	4.28	7.32			7.32		/ 1									
reaction time		interval		3.04					# of strides	4.28	3.04							
		velocity	7.01	9.87			8.20		7.01	9.87								
Kambundji, Muswama (SUI) (1996)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																		
date	27-Feb-16	time	4.47	7.68			7.68		/ 5									
reaction time		interval		3.21					# of strides	4.47	3.21							
		velocity	6.71	9.35			7.81		6.71	9.35								
Kanai, Marumi (JPN) (1997)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>					
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)																		
date	19-Sep-20	time	2.03	3.22	4.32	5.38	6.43	7.49	8.57	9.66	10.79	11.95	11.95		/ 4			
reaction time		interval		1.19	1.10	1.06	1.05	1.06	1.08	1.09	1.13	1.16			# of strides	4.32	3.17	3.30
wind	-0.8 m/s	velocity	4.93	8.40	9.09	9.43	9.52	9.43	9.26	9.17	8.85	8.62	8.37		6.94	9.46	9.09	
Kanami, Mimura (JPN) (2001)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																		
date	04-Oct-19	time	4.45	6.59								12.05	12.05		7 / 4			
reaction time	0.196	interval		2.14								5.46			# of strides	4.45		
wind	-1.5 m/s	velocity	6.74	3.03								9.16	8.30		53.7	6.74		
U20 FINAL - 2018 National Sports Festival (Fukui, JPN)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	05-Oct-18	time	2.11	3.31	4.42	5.49	6.54	7.59	8.65	9.72	10.80	11.91	11.91		4 / 5			
reaction time	0.194	interval		1.20	1.11	1.07	1.05	1.05	1.06	1.07	1.08	1.11			# of strides	4.42	3.17	3.21
wind	-0.1 m/s	velocity	4.74	8.33	9.01	9.35	9.52	9.52	9.43	9.35	9.26	9.01	8.40		53.0	6.79	9.46	9.35
Karastamāti, María (GRE) (1984)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
FINAL - 2005 European U23 Championships (Erfurt, GER)																		
date	16-Aug-05	time	3.17	4.19	5.17	7.08						11.03	11.03		/ 1			
reaction time	0.187	interval		1.02	0.98	1.91						2.01	CR / PB		# of strides	4.19	2.89	
wind	1.5 m/s	velocity	6.31	9.80	10.20	10.47						9.95	9.07		7.16	10.38		
Kasprzyk, Ewa (POL) (1957)													<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>					
FINAL - 1987 European Cup (Prague, TCH)																		
date	28-Jun-87	time	2.09	3.30	4.33	5.35	6.34	7.33	8.35	9.38	10.41	11.45	11.45		8 / 7			
reaction time		interval		1.21	1.03	1.02	0.99	0.99	1.02	1.03	1.03	1.04			# of strides	4.33	3.00	3.08
wind	-0.4 m/s	velocity	4.78	8.26	9.71	9.80	10.10	10.10	9.80	9.71	9.71	9.62	8.73		55.3	6.93	10.00	9.74
Kato, Anna (JPN) (2002)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																		
date	04-Oct-19	time	4.40	6.54								12.08	12.08		6 / 5			
reaction time	0.143	interval		2.14								5.54			# of strides	4.40		
wind	-1.5 m/s	velocity	6.82	3.06								9.03	8.28		54.2	6.82		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Katsura, Yuliya (RUS) (1983)																	
A FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.36			7.46		9.55		11.78	11.78	6 / 7				
reaction time		interval					3.10		2.09		2.23		# of strides	4.36	3.10		
wind	2.2 m/s	velocity		6.88			9.68		9.57		8.97	8.49		6.88	9.68		
Kawabata, Momoko (JPN) (1993)																	
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)																	
date	30-Jul-10	time	2.07	3.29		5.54	6.64	7.77	8.91	10.06	11.22	12.40	12.40	4 / 4			
reaction time		interval		1.22		2.25	1.10	1.13	1.14	1.15	1.16	1.18		# of strides		3.37	
wind	-3.2 m/s	velocity	4.83	8.20		8.89	9.09	8.85	8.77	8.70	8.62	8.47	8.06			8.90	
Kawamura, Tomomi (JPN) (1997)																	
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)																	
date	30-Jul-15	time		4.40	5.48	6.51	7.60	8.68	9.78	10.89	12.04	12.04	12.04	1 / 7			
reaction time		interval			1.08	1.03	1.09	1.08	1.10	1.11	1.15		# of strides	4.40	3.20	3.28	
wind	-1.2 m/s	velocity		6.82	9.26	9.71	9.17	9.26	9.09	9.01	8.70	8.31		6.82	9.38	9.15	
Kawarazaki, Kaori (JPN) (1987)																	
Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)																	
date	28-Jun-09	time	2.11	3.27	4.33	5.37	6.41	7.45	8.50	9.57	10.65	11.76	11.76	3 / 3			
reaction time		interval		1.16	1.06	1.04	1.04	1.04	1.05	1.07	1.08	1.11		# of strides	4.33	3.12	3.20
wind	1.0 m/s	velocity	4.74	8.62	9.43	9.62	9.62	9.52	9.35	9.26	9.01	8.50	8.50	51.5	6.93	9.62	9.38
Kawasaki, Aoi (JPN) (1991)																	
FINAL - 2009 Japanese National High School Championships (Nara, JPN)																	
date	30-Jul-09	time		4.35	5.41	6.45	7.53	8.61	9.71		11.98	11.98	11.98	2 / 8			
reaction time		interval			1.06	1.04	1.08	1.08	1.10		2.27		# of strides	4.35	3.18		
wind	1.6 m/s	velocity		6.90	9.43	9.62	9.26	9.26	9.09		8.81	8.35		6.90	9.43		
Keller, Charlene (SUI) (1994)																	
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
date	27-Feb-16	time		4.45			7.59					7.59	7.59	1 / 6			
reaction time		interval					3.14						# of strides	4.45	3.14		
		velocity		6.74			9.55					7.91	30.3	6.74	9.55		
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
date	27-Feb-16	time		4.47			7.60					7.60	7.60	1 / 3			
reaction time		interval					3.13						# of strides	4.47	3.13		
		velocity		6.71			9.58					7.89		6.71	9.58		
Keller, Melanie (SUI) (1994)																	
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
date	27-Feb-16	time		4.66			7.93					7.93	7.93	1 / 8			
reaction time		interval					3.27						# of strides	4.66	3.27		
		velocity		6.44			9.17					7.57		6.44	9.17		
Kelly, Sabrina (USA) (1975)																	
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GER)																	
date	15-Jun-96	time	2.05		4.31		6.31			10.39	11.55	11.55	11.55	2 / 8			
reaction time		interval			2.26		2.00			4.08	1.16		# of strides	4.31			
wind	1.1 m/s	velocity	4.88		8.85		10.00			9.80	8.62	8.66		53.0	6.96		
FINAL - 1995 USATF National Championships (Sacramento, CA)																	
date	16-Jun-95	time	1.92	3.15	4.21	5.22	6.23	7.26	8.28	9.35	10.38	11.47	11.47	2 / 6			
reaction time		interval		1.23	1.06	1.01	1.01	1.03	1.02	1.07	1.03	1.09		# of strides	4.21	3.05	3.12
wind	0.0 m/s	velocity	5.21	8.13	9.43	9.90	9.90	9.71	9.80	9.35	9.71	9.17	8.72		7.13	9.84	9.62
Kempainen, Lotta (FIN) (1998)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.05	3.21	4.26	5.28	6.28	7.30	8.34	9.38	10.45	11.56	11.56	7 / 7			
reaction time	0.166	interval		1.16	1.05	1.02	1.00	1.02	1.04	1.04	1.07	1.11		# of strides	4.26	3.04	3.15
wind	-0.4 m/s	velocity	4.88	8.62	9.52	9.80	10.00	9.80	9.62	9.62	9.35	9.01	8.65	51.5	7.04	9.87	9.52
Kenner, Jada (USA) (2006)																	
U20 FINAL - 2020 Millrose Games (New York, NY)																	
date	08-Feb-20	time	2.34	3.52	4.60	5.66	6.78	7.90				7.90	7.90	3 / 7			
reaction time		interval		1.18	1.08	1.06	1.12	1.12					# of strides	4.60	3.30		
		velocity	4.27	8.47	9.26	9.43	8.93	8.93				7.59		6.52	9.09		

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Khabarova, Irina (RUS) (1966)																	
C FINAL - 2001 European Cup (Bremen, GER)																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
date	23-Jun-01	time	3.28	4.33	5.34	7.35	9.40	11.51	11.51	11.51		1 / 3					
reaction time	0.143	interval		1.05	1.01	2.01	2.05	2.11				# of strides	4.33	3.02			
wind	-0.2 m/s	velocity	6.10	9.52	9.90	9.95	9.76	9.48	8.69				6.93	9.93			
Kharchilava, Lika (GEO) (2000)																	
Prelim 2 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.21	3.42	4.54	5.61	6.69	7.80	8.90	10.03	11.20	12.37	12.37	2 / 5			
reaction time	0.172	interval		1.21	1.12	1.07	1.08	1.11	1.10	1.13	1.17	1.17		# of strides	4.54	3.26	3.40
wind	1.1 m/s	velocity	4.52	8.26	8.93	9.35	9.26	9.01	9.09	8.85	8.55	8.55	8.08	56.7	6.61	9.20	8.82
Khubbieva, Guzel (UZB) (1976)																	
Quarter-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	3.15	4.20	5.22	7.27	9.31	11.43	11.43	11.43	11.43	11.43	1 / 4				
reaction time	0.129	interval		1.05	1.02	2.05	2.04	2.12					# of strides	4.20	3.07		
wind	-0.3 m/s	velocity	6.35	9.52	9.80	9.76	9.80	9.43	8.75					7.14	9.77		
Killander, Linnea (SWE) (1993)																	
C FINAL - 2014 Windsprint (Sundsvall, SWE)																	
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
date	20-Jul-14	time		4.61		7.81	9.99	12.22	12.22	12.22	12.22	12.22	6 / 4				
reaction time		interval				3.20	2.18	2.23					# of strides	4.61	3.20		
wind	0.7 m/s	velocity		6.51		9.38	9.17	8.97	8.18					6.51	9.38		
Kimura, Akane (JPN) (1993)																	
Heat 3 - 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	2.08	3.26	4.34	5.39	6.43	7.46	8.51	9.57	10.66	11.77	11.77	9 / 3			
reaction time		interval		1.18	1.08	1.05	1.04	1.03	1.05	1.06	1.09	1.11		# of strides	4.34	3.12	3.20
wind	1.9 m/s	velocity	4.81	8.47	9.26	9.52	9.62	9.71	9.52	9.43	9.17	9.01	8.50	51.5	6.91	9.62	9.38
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)																	
<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																	
date	04-Aug-11	time		6.50	7.55	8.63	9.73	10.86	12.02	12.02	12.02	12.02	6 / 2				
reaction time		interval			1.05	1.08	1.10	1.13	1.16				# of strides		3.31		
wind	-1.0 m/s	velocity		7.69	9.52	9.26	9.09	8.85	8.62	8.32					9.06		
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		4.30	5.36	6.40	7.43	8.53	9.60	11.83	11.83	11.83	6 / 6				
reaction time		interval			1.06	1.04	1.03	1.10	1.07	2.23			# of strides	4.30	3.13		
wind	1.6 m/s	velocity		6.98	9.43	9.62	9.71	9.09	9.35	8.97	8.45			6.98	9.58		
Kislova, Marina (RUS) (1978)																	
Semi-Final 1 - 2002 European Championships (Munich, GER)																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time	3.18	4.24	5.26	7.27	9.33	11.49	11.49	11.49	11.49	11.49	1 / 7				
reaction time	0.116	interval		1.06	1.02	2.01	2.06	2.16					# of strides	4.24	3.03		
wind	0.0 m/s	velocity	6.29	9.43	9.80	9.95	9.71	9.26	8.70					7.08	9.90		
Heat 1 - 2002 European Championships (Munich, GER)																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time	3.18	4.23	5.24	7.25	9.30	11.45	11.45	11.45	11.45	11.45	1 / 3				
reaction time	0.113	interval		1.05	1.01	2.01	2.05	2.15					# of strides	4.23	3.02		
wind	0.1 m/s	velocity	6.29	9.52	9.90	9.95	9.76	9.30	8.73					7.09	9.93		
FINAL - 2001 European Cup (Bremen, GER)																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
date	23-Jun-01	time	3.19	4.23	5.23	7.20	9.18	11.23	11.23	11.23	11.23	11.23	1 / 1				
reaction time	0.133	interval		1.04	1.00	1.97	1.98	2.05					# of strides	4.23	2.97		
wind	2.8 m/s	velocity	6.27	9.62	10.00	10.15	10.10	9.76	8.90					7.09	10.10		
Kitakaze, Saori (JPN) (1985)																	
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	2.04	3.20	4.28	5.33	6.36	7.40	8.45	9.52	10.62	11.73	11.73	8 / 7			
reaction time		interval		1.16	1.08	1.05	1.03	1.04	1.05	1.07	1.10	1.11		# of strides	4.28	3.12	3.22
wind	1.2 m/s	velocity	4.90	8.62	9.26	9.52	9.71	9.62	9.52	9.35	9.09	9.01	8.53	58.2	7.01	9.62	9.32
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	2.03	3.20	4.28	5.33	6.38	7.45	8.53	9.63	10.76	11.94	11.94	1 / 8			
reaction time		interval		1.17	1.08	1.05	1.05	1.07	1.08	1.10	1.13	1.18		# of strides	4.28	3.17	3.31
wind	-0.8 m/s	velocity	4.93	8.55	9.26	9.52	9.52	9.35	9.26	9.09	8.85	8.47	8.38	57.7	7.01	9.46	9.06
Heat 3 - 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	2.02	3.17	4.22	5.24	6.25	7.28	8.33	9.40	10.48	11.61	11.61	4 / 3			
reaction time		interval		1.15	1.05	1.02	1.01	1.03	1.05	1.07	1.08	1.13		# of strides	4.22	3.06	3.20
wind	1.6 m/s	velocity	4.95	8.70	9.52	9.80	9.90	9.71	9.52	9.35	9.26	8.85	8.61	58.5	7.11	9.80	9.38

FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)

date	29-Apr-11	time	2.07	3.22	4.26	5.27	6.26	7.25	8.25	9.28	10.33	11.40	11.40	8 / 3			
reaction time		interval		1.15	1.04	1.01	0.99	0.99	1.00	1.03	1.05	1.07		# of strides	4.26	2.99	3.08
wind	2.6 m/s	velocity	4.83	8.70	9.62	9.90	10.10	10.10	10.00	9.71	9.52	9.35	8.77	49.7	7.04	10.03	9.74

*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride***Heat 2 - 2011 Miko Oda Memorial (Hiroshima, JPN)**

date	29-Apr-11	time	2.03	3.17	4.24	5.28	6.31	7.33	8.37	9.44	10.53	11.65	11.65	3 / 3			
reaction time		interval		1.14	1.07	1.04	1.03	1.02	1.04	1.07	1.09	1.12		# of strides	4.24	3.09	3.20
wind	2.0 m/s	velocity	4.93	8.77	9.35	9.62	9.71	9.80	9.62	9.35	9.17	8.93	8.58	58.8	7.08	9.71	9.38

*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride***FINAL - 2008 Japanese National Championships (Kawasaki, JPN)**

date	29-Jun-08	time	2.03	3.20	4.29	5.35	6.39	7.44	8.51	9.61	10.74	11.90	11.90	/ 6			
reaction time		interval		1.17	1.09	1.06	1.04	1.05	1.07	1.10	1.13	1.16		# of strides	4.29	3.15	3.30
wind	0.4 m/s	velocity	4.93	8.55	9.17	9.43	9.62	9.52	9.35	9.09	8.85	8.62	8.40	6.99	9.52	9.09	

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***Heat 1 - 2008 Miko Oda Memorial (Hiroshima, JPN)**

date	29-Apr-08	time	2.01	3.15	4.20	5.21	6.22	7.23	8.26	9.32	10.39	11.51	11.51	/ 1			
reaction time		interval		1.14	1.05	1.01	1.01	1.01	1.03	1.06	1.07	1.12		# of strides	4.20	3.03	3.16
wind	1.3 m/s	velocity	4.98	8.77	9.52	9.90	9.90	9.90	9.71	9.43	9.35	8.93	8.69	7.14	9.90	9.49	

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***FINAL - 2007 Japanese National Championships (Osaka, JPN)**

date	30-Jun-07	time	1.99	3.14	4.20	5.24	6.26	7.30	8.35	9.42	10.53	11.66	11.66	/ 2			
reaction time		interval		1.15	1.06	1.04	1.02	1.04	1.05	1.07	1.11	1.13		# of strides	4.20	3.10	3.23
wind	0.0 m/s	velocity	5.03	8.70	9.43	9.62	9.80	9.62	9.52	9.35	9.01	8.85	8.58	7.14	9.68	9.29	

*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles***Heat 1 - 2006 Miko Oda Memorial (Hiroshima, JPN)**

date	29-Apr-06	time	1.99	3.15	4.21	5.25	6.27	7.29	8.33	9.38	10.47	11.59	11.59	/ 1			
reaction time		interval		1.16	1.06	1.04	1.02	1.02	1.04	1.05	1.09	1.12		# of strides	4.21	3.08	3.18
wind	2.5 m/s	velocity	5.03	8.62	9.43	9.62	9.80	9.80	9.62	9.52	9.17	8.93	8.63	7.13	9.74	9.43	

*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system***Kloster, Line (NOR) (1990)**

National B FINAL - 2023 Weltklasse (Zürich, SUI)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	31-Aug-23	time	2.09	3.28	4.34	5.37	6.39	7.39	8.41	9.44	10.50	11.58	11.58	7 / 2			
reaction time	0.147	interval		1.19	1.06	1.03	1.02	1.00	1.02	1.03	1.06	1.08		# of strides	4.34	3.05	3.11
wind	-0.2 m/s	velocity	4.78	8.40	9.43	9.71	9.80	10.00	9.80	9.71	9.43	9.26	8.64	6.91	9.84	9.65	

*Omega Timing (2023) - diamond league race analysis***Klüft, Carolina (SWE) (1983)**

FINAL - 2010 Windsprint (Sundsvall, SWE)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	08-Aug-10	time		4.40			7.49		9.54		11.68	11.68	1 / 4		
reaction time		interval				3.09		2.05		2.14			# of strides	4.40	3.09
wind	2.4 m/s	velocity		6.82		9.71		9.76		9.35		8.56	6.82	9.71	

*(2010) - www.ssg.se/en/Windsprint/Split-times/***Kokkonen, Jenna (FIN) (2001)**

Heat B - 2024 Weltklasse (Zürich, SUI)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
date	05-Sep-24	time	2.13	3.32	4.40	5.45	6.50	7.55	8.60	9.68	10.75	11.84	11.84	7 / 6		
reaction time	0.144	interval		1.19	1.08	1.05	1.05	1.05	1.08	1.07	1.09		# of strides	4.40	3.15	3.20
wind	-0.5 m/s	velocity	4.69	8.40	9.26	9.52	9.52	9.52	9.52	9.26	9.35	9.17	8.45	6.82	9.52	9.38

*Omega Timing (2024) - diamond league race analysis***Knight, Bianca (USA) (1989)**

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	28-Jun-08	time	2.14	3.22	4.24	5.24	6.16	7.14	8.08	9.06	10.11	11.09	11.09	7 / 5			
reaction time		interval		1.08	1.02	1.00	0.92	0.98	0.94	0.98	1.05	0.98		# of strides	4.24	2.90	2.97
wind	3.2 m/s	velocity	4.67	9.26	9.80	10.00	10.87	10.20	10.64	10.20	9.52	10.20	9.02	50.2	7.08	10.34	10.10

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

date	27-Jun-08	time	2.14	3.24	4.23	5.22	6.16	7.12	8.13	9.07	10.07	11.07	11.07	5 / 4			
reaction time		interval		1.10	0.99	0.99	0.94	0.96	1.01	0.94	1.00	1.00	PB	# of strides	4.23	2.89	2.95
wind	0.7 m/s	velocity	4.67	9.09	10.10	10.10	10.64	10.42	9.90	10.64	10.00	10.00	9.03	7.09	10.38	10.17	

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

date	27-Jun-08	time	2.10	3.21	4.22	5.22	6.18	7.15	8.13	9.09	10.08	11.11	11.11	6 / 2			
reaction time		interval		1.11	1.01	1.00	0.96	0.97	0.98	0.96	0.99	1.03	=PB	# of strides	4.22	2.93	2.93
wind	1.4 m/s	velocity	4.76	9.01	9.90	10.00	10.42	10.31	10.20	10.42	10.10	9.71	9.00	7.11	10.24	10.24	

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

date	22-Jun-06	time	2.14	3.27	4.30	5.27	6.24	7.23	8.19	9.21	10.23	11.26	11.26	2 / 4			
reaction time		interval		1.13	1.03	0.97	0.97	0.99	0.96	1.02	1.02	1.03	PB	# of strides	4.30	2.93	3.00
wind	1.2 m/s	velocity	4.67	8.85	9.71	10.31	10.31	10.10	10.42	9.80	9.80	9.71	8.88	6.98	10.24	10.00	

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

date	23-Jun-05	time	2.16	3.35	4.44	5.51	6.54	7.62	8.66	9.73	10.82	11.92	11.92	4 / 6			
reaction time		interval		1.19	1.09	1.07	1.03	1.08	1.04	1.07	1.09	1.10		# of strides	4.44	3.18	3.20
wind	-1.1 m/s	velocity	4.63	8.40	9.17	9.35	9.71	9.26	9.62	9.35	9.17	9.09	8.39		6.76	9.43	9.38

Kobari, Akiha (JPN) (2006)

	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	2.11	3.29	4.38	5.43	6.47	7.52	8.58	9.66	10.76	11.88	11.88	6 / 2			
reaction time	0.143	interval		1.18	1.09	1.05	1.04	1.05	1.06	1.08	1.10	1.12		# of strides	4.38	3.14	3.24
wind	-0.6 m/s	velocity	4.74	8.47	9.17	9.52	9.62	9.52	9.43	9.26	9.09	8.93	8.42	54.4	6.85	9.55	9.26

Kobiánová, Kristyna (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	2.19	3.40	4.53	5.62	6.71	7.81	8.93	10.05	11.22	12.44	12.44	6 / 2			
reaction time	0.189	interval		1.21	1.13	1.09	1.09	1.10	1.12	1.12	1.17	1.22		# of strides	4.53	3.28	3.41
wind	-4.5 m/s	velocity	4.57	8.26	8.85	9.17	9.17	9.09	8.93	8.93	8.55	8.20	8.04		6.62	9.15	8.80

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		3.40	5.64		7.85		10.10		12.44	12.44	4 / 1		
reaction time	0.186	interval			2.24		2.21		2.25		2.34		# of strides		
wind	-3.2 m/s	velocity		5.88	8.93		9.05		8.89		8.55	8.04			

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

date	25-Feb-12	time	2.14	3.38	4.47	5.56	6.63	7.73			7.73	6 / 5		
reaction time	0.152	interval		1.24	1.09	1.09	1.07	1.10				# of strides	4.47	3.26
		velocity	4.67	8.06	9.17	9.17	9.35	9.09			7.76		6.71	9.20

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

date	25-Feb-12	time	2.11	3.31	4.47	5.57	6.63	7.70			7.70	3 / 3		
reaction time	0.154	interval		1.20	1.16	1.10	1.06	1.07				# of strides	4.47	3.23
		velocity	4.74	8.33	8.62	9.09	9.43	9.35			7.79		6.71	9.29

Koch, Marita (GDR) (1957)

	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		3.08	4.11	5.09	6.06	7.02	7.99	8.97		11.02	11.02	4 / 2		
reaction time	0.172	interval			1.03	0.98	0.97	0.96	0.97	0.98		2.05		# of strides	4.11	2.91
wind	-0.5 m/s	velocity		6.49	9.71	10.20	10.31	10.42	10.31	10.20		9.76	9.07	51.0	7.30	10.31

A FINAL - 1983 Olympischen Tag (East Berlin, GDR)*Tepper (1989) - zum entwicklungsstand und zum trainingssysteme des ddr-frauenkurzsprints*

date	08-Jun-83	time		4.11			6.97		8.88		10.83	10.83	1 / 2		
reaction time		interval					2.86		1.91		1.95	PB	# of strides	4.11	2.86
wind	1.7 m/s	velocity		7.30			10.49		10.47		10.26	9.23		7.30	10.49

Kodama, Mei (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2020 Japanese National Championships (Niigata, JPN)											<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>						
date	02-Oct-20	time	2.03	3.19	4.25	5.26	6.26	7.26	8.26	9.27	10.30	11.36	11.36	4 / 1			
reaction time	0.147	interval		1.16	1.06	1.01	1.00	1.00	1.00	1.01	1.03	1.06		# of strides	4.25	3.01	3.04
wind	0.5 m/s	velocity	4.93	8.62	9.43	9.90	10.00	10.00	10.00	9.90	9.71	9.43	8.80		7.06	9.97	9.87

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	23-Aug-20	time	2.03	3.22	4.31	5.35	6.37	7.40	8.43	9.47	10.53	11.62	11.62	9 / 1			
reaction time	0.131	interval		1.19	1.09	1.04	1.02	1.03	1.03	1.04	1.06	1.09	PB	# of strides	4.31	3.09	3.13
wind	-0.9 m/s	velocity	4.93	8.40	9.17	9.62	9.80	9.71	9.71	9.62	9.43	9.17	8.61		6.96	9.71	9.58

FINAL - 2019 Japanese National Championships (Fukuoka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Jun-19	time	2.07	3.26	4.35	5.40	6.43	7.47	8.51	9.57	10.64	11.74	11.74	8 / 4			
reaction time	0.148	interval		1.19	1.09	1.05	1.03	1.04	1.04	1.06	1.07	1.10	PB	# of strides	4.35	3.12	3.17
wind	0.6 m/s	velocity	4.83	8.40	9.17	9.52	9.71	9.62	9.62	9.43	9.35	9.09	8.52	51.7	6.90	9.62	9.46

FINAL - 2017 Japanese U20 National Championships (Nagoya, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	20-Oct-17	time	2.10	3.29	4.38	5.43	6.47	7.51	8.55	9.60	10.68	11.77	11.77	7 / 2			
reaction time		interval		1.19	1.09	1.05	1.04	1.04	1.04	1.05	1.08	1.09		# of strides	4.38	3.13	3.17
wind	0.3 m/s	velocity	4.76	8.40	9.17	9.52	9.62	9.62	9.62	9.52	9.26	9.17	8.50		6.85	9.58	9.46

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		4.40			7.60		10.88		12.02	12.02	5 / 1			
reaction time	0.157	interval					3.20		3.28		1.14		# of strides	4.40	3.20	3.28
wind	-3.0 m/s	velocity		6.82			9.38		9.15		8.77	8.32		6.82	9.38	9.15

Kodera, Misaki (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 3 - 2017 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	2.11	3.30	4.38	5.45	6.50	7.55	8.60	9.65	10.72	11.81	11.81	1 / 2		

reaction time	0.153	interval	1.19	1.08	1.07	1.05	1.05	1.05	1.05	1.07	1.09	PB	# of strides	4.38	3.17	3.17
wind	0.7 m/s	velocity	4.74	8.40	9.26	9.35	9.52	9.52	9.52	9.35	9.17	8.47	53.0	6.85	9.46	9.46

Köhler, Karoline (GER) (1984)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 Sparkassen-Gala (Regensburg, GER)															
date	05-Jun-10	time	3.29	4.34	5.36	7.43	9.54	11.71	11.71						
reaction time	0.147	interval	1.05	1.02	2.07	2.11	2.17						# of strides	4.34	3.09
wind	-0.4 m/s	velocity	6.08	9.52	9.80	9.66	9.48	9.22	8.54				6.91	9.71	

Koklóni, Yeoryía (GRE) (1981)	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)															
date	07-Aug-02	time	3.17	4.22	5.23	7.25	9.30	11.44	11.44						
reaction time	0.147	interval	1.05	1.01	2.02	2.05	2.14						# of strides	4.22	3.03
wind	0.0 m/s	velocity	6.31	9.52	9.90	9.90	9.76	9.35	8.74				7.11	9.90	

Heat 2 - 2002 European Championships (Munich, GER)															
date	06-Aug-02	time	3.21	4.26	5.28	7.30	9.37	11.51	11.51						
reaction time	0.154	interval	1.05	1.02	2.02	2.07	2.14						# of strides	4.26	3.04
wind	0.7 m/s	velocity	6.23	9.52	9.80	9.90	9.66	9.35	8.69				7.04	9.87	

Kölsch, Janina (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)															
date	06-Aug-10	time	3.45	4.55	5.61	7.72	9.88	12.07	12.07						
reaction time		interval	1.10	1.06	2.11	2.16	2.19						# of strides	4.55	3.17
wind	0.4 m/s	velocity	5.80	9.09	9.43	9.48	9.26	9.13	8.29				6.59	9.46	

Komatsu, Konomi (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)															
date	04-Aug-22	time	2.09	3.29	4.39	5.46	6.53	7.60	8.69	9.78	10.90	12.03	12.03	4 / 4	
reaction time	0.165	interval	1.20	1.10	1.07	1.07	1.07	1.09	1.09	1.12	1.13		# of strides	4.39	3.21
wind	-0.6 m/s	velocity	4.78	8.33	9.09	9.35	9.35	9.17	9.17	8.93	8.85	8.31	55.0	6.83	9.35

Koné, Maboundou (CIV) (1997)	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	02-Aug-24	time	2.04	3.21	4.25	5.24	6.21	7.18	8.16	9.14	10.15	11.17	11.17	6 / 4	
reaction time	0.175	interval	1.17	1.04	0.99	0.97	0.97	0.98	0.98	1.01	1.02	=PB	# of strides	4.25	2.93
wind	1.2 m/s	velocity	4.90	8.55	9.62	10.10	10.31	10.31	10.20	10.20	9.90	9.80	8.95	50.0	7.06

FINAL - 2024 FBK Games (Hengelo, NED)															
date	07-Jul-24	time	2.02	3.18	4.22	5.22	6.24	7.26	8.29	9.31	10.34	11.42	11.42	7 / 4	
reaction time	0.175	interval	1.16	1.04	1.00	1.02	1.02	1.03	1.02	1.03	1.08		# of strides	4.22	3.04
wind	0.6 m/s	velocity	4.95	8.62	9.62	10.00	9.80	9.80	9.71	9.80	9.71	9.26	8.76	52.0	7.11

National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)															
date	02-Jun-24	time	2.06	3.21	4.26	5.26	6.26	7.26	8.26	9.27	10.31	11.33	11.33	4 / 1	
reaction time	0.171	interval	1.15	1.05	1.00	1.00	1.00	1.00	1.01	1.04	1.02		# of strides	4.26	3.00
wind	-0.3 m/s	velocity	4.85	8.70	9.52	10.00	10.00	10.00	10.00	9.90	9.62	9.80	8.83	7.04	10.00

FINAL - 2023 FBK Games (Hengelo, NED)															
date	04-Jun-23	time	2.01	3.16	4.20	5.20	6.20	7.18	8.18	9.20	10.22	11.30	11.30	9 / 6	
reaction time		interval	1.15	1.04	1.00	1.00	0.98	1.00	1.02	1.02	1.08		# of strides	4.20	2.98
wind	-0.1 m/s	velocity	4.98	8.70	9.62	10.00	10.00	10.20	10.00	9.80	9.80	9.26	8.85	51.0	7.14

Kondratyeva, Lyudmila (URS) (1958)	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)															
date	25-Sep-88	time	2.05	3.16	4.21	5.20	6.18	7.16	8.15	9.16	10.18	11.21	11.21	7 / 7	
reaction time	0.166	interval	1.11	1.05	0.99	0.98	0.98	0.99	1.01	1.02	1.03		# of strides	4.21	2.95
wind	0.5 m/s	velocity	4.88	9.01	9.52	10.10	10.20	10.10	9.90	9.80	9.71	8.92		7.13	10.17

FINAL - 1980 Olympic Games (Moscow, URS)															
date	26-Jul-80	time													
reaction time	0.155	interval											# of strides		
wind	1.0 m/s	velocity											51.2		

Kora, Salomé (SUI) (1994)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat A - 2024 Weltklasse (Zürich, SUI)															
date	05-Sep-24	time	2.09	3.25	4.29	5.28	6.27	7.25	8.24	9.24	10.26	11.33	11.33	5 / 3	
reaction time	0.160	interval	1.16	1.04	0.99	0.99	0.98	0.99	1.00	1.02	1.07		# of strides	4.29	2.96
wind	-0.3 m/s	velocity	4.78	8.62	9.62	10.10	10.10	10.20	10.10	10.00	9.80	9.35	8.83	6.99	10.14

B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)															

date	22-Aug-24	time	2.06	3.22	4.28	5.29	6.28	7.28	8.28	9.30	10.33	11.41	11.41	5 / 4				
reaction time	0.168	interval		1.16	1.06	1.01	0.99	1.00	1.00	1.02	1.03	1.08		# of strides	4.28	3.00	3.05	
wind	-0.1 m/s	velocity	4.85	8.62	9.43	9.90	10.10	10.00	10.00	9.80	9.71	9.26	8.76		7.01	10.00	9.84	
Heat 6 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	02-Aug-24	time	2.04	3.20	4.23	5.24	6.23	7.23	8.23	9.25	10.29	11.35	11.35	1 / 4				
reaction time	0.144	interval		1.16	1.03	1.01	0.99	1.00	1.00	1.02	1.04	1.06		# of strides	4.23	3.00	3.06	
wind	-0.4 m/s	velocity	4.90	8.62	9.71	9.90	10.10	10.00	10.00	9.80	9.62	9.43	8.81		51.2	7.09	10.00	9.80
National FINAL - 2023 Weltklasse (Zürich, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>				
date	31-Aug-23	time	2.09	3.25	4.30	5.32	6.32	7.31	8.31	9.33	10.36	11.42	11.42	4 / 5				
reaction time	0.153	interval		1.16	1.05	1.02	1.00	0.99	1.00	1.02	1.03	1.06		# of strides	4.30	3.01	3.05	
wind	-0.1 m/s	velocity	4.78	8.62	9.52	9.80	10.00	10.10	10.00	9.80	9.71	9.43	8.76		6.98	9.97	9.84	
B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>				
date	26-Aug-22	time	3.2		5.3		7.3		9.3		11.46	11.46	11.46	3 / 3				
reaction time	0.136	interval			2.10		2.00		2.00		2.16			# of strides				
wind	-0.3 m/s	velocity	6.25		9.52		10.00		10.00		9.26		8.73					
FINAL - 2022 FBK Games (Hengelo, NED)														<i>Omega Timing (2022) - continental tour race analysis</i>				
date	06-Jun-22	time	3.2		5.3		7.3		9.4		11.53	11.53	11.53	2 / 7				
reaction time	0.126	interval			2.10		2.00		2.10		2.13			# of strides				
wind	0.8 m/s	velocity	6.25		9.52		10.00		9.52		9.39		8.67		52.0			
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>				
date	26-Aug-21	time	3.3		5.3		7.2		9.1		11.12	11.12	11.12	5 / 2				
reaction time	0.155	interval			2.00		1.90		1.90		2.02			# of strides				
wind	2.7 m/s	velocity	6.06		10.00		10.53		10.53		9.90		8.99					
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)														<i>Omega Timing (2021) - diamond league race analysis</i>				
date	04-Jul-21	time	3.2		5.3		7.3		9.3		11.31	11.31	11.31	6 / 2				
reaction time	0.137	interval			2.10		2.00		2.00		2.01			# of strides				
wind	-1.3 m/s	velocity	6.25		9.52		10.00		10.00		9.95		8.84		51.2			
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	21-May-16	time					6.49					11.76	11.76	11.76	1 / 1			
reaction time		interval										5.27		# of strides				
wind	-1.8 m/s	velocity					7.70					9.49			8.50			
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	07-May-16	time					6.34					11.49	11.49	11.49	1 / 1			
reaction time		interval										5.15	PB	# of strides				
wind	0.4 m/s	velocity					7.89					9.71			8.70			
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	27-Feb-16	time					4.38					7.39	7.39	7.39	1 / 2			
reaction time		interval										3.01	PB	# of strides	4.38	3.01		
		velocity					6.85					9.97			8.12	32.9	6.85	9.97
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>				
date	27-Feb-16	time					4.42					7.47	7.47	7.47	1 / 1			
reaction time		interval										3.05		# of strides	4.42	3.05		
		velocity					6.79					9.84			8.03	6.79	9.84	
Kouni, Natacha (SUI) (2001)																		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>				
date	26-Aug-22	time	3.2		5.3		7.4		9.5		11.81	11.81	11.81	5 / 6				
reaction time	0.153	interval			2.10		2.10		2.10		2.31			# of strides				
wind	-0.3 m/s	velocity	6.25		9.52		9.52		9.52		8.66		8.47					
B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>				
date	26-Aug-21	time	3.3		5.4		7.5		9.6		11.71	11.71	11.71	6 / 5				
reaction time	0.171	interval			2.10		2.10		2.10		2.11			# of strides				
wind	1.2 m/s	velocity	6.06		9.52		9.52		9.52		9.48		8.54					
Krabbe, Katrin (GER) (1969)																		
		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)														<i>Butler (2013) - IAAF world championships statistics handbook- moscow 2013</i>				
date	27-Aug-91	time					6.07					10.99	10.99	10.99	3 / 1			
reaction time	0.157	interval										4.92		# of strides				
wind	-3.0 m/s	velocity					8.24					10.16	9.10		47.7			

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

date	29-Jun-91	time	4.20	7.25	9.32	11.45	11.45												
reaction time		interval		3.05	2.07	2.13								# of strides	4.20	3.05			
wind	-2.7 m/s	velocity	7.14	9.84	9.66	9.39	8.73								7.14	9.84			

Kramer, Mathilde (DEN) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mFINAL - 2020 Memorial Van Damme (Brussels, BEL) Omega Timing (2020) - [diamond league race analysis](#)

date	04-Sep-20	time	3.3	5.4	7.4	9.5	11.58	11.58											
reaction time	0.137	interval		2.10	2.00	2.10	2.08							# of strides					
wind	0.2 m/s	velocity	6.06	9.52	10.00	9.52	9.62	8.64							48.7				

Krnoulová, Barbora (CZE) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mHeat 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	3.36	5.55	7.70	9.95	12.27	12.27											
reaction time	0.145	interval		2.19	2.15	2.25	2.32							# of strides					
wind	-1.1 m/s	velocity	5.95	9.13	9.30	8.89	8.62	8.15											

Kronlund, Louise (SWE) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mB FINAL - 2009 Windsprint (Sundsvall, SWE) (2009) - www.ssg.se/en/Windsprint/Split-times/

date	25-Jul-09	time	4.61		7.82	9.90	12.07	12.07											
reaction time		interval			3.21	2.08	2.17							# of strides	4.61	3.21			
wind	2.5 m/s	velocity	6.51		9.35	9.62	9.22	8.29							6.51	9.35			

Kubicová, Zuzana (CZE) (1989) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mHeat 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	3.57	5.85	8.07	10.30	12.73	12.73											
reaction time	0.262	interval		2.28	2.22	2.23	2.43							# of strides					
wind	-1.1 m/s	velocity	5.60	8.77	9.01	8.97	8.23	7.86											

Kubištová, Anežka (CZE) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mHeat 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	3.62	5.97	8.28	10.63	13.03	13.03											
reaction time	0.245	interval		2.35	2.31	2.35	2.40							# of strides					
wind	-3.2 m/s	velocity	5.52	8.51	8.66	8.51	8.33	7.67											

Kuboyama, Hana (JPN) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mFINAL - 2018 National Sports Festival (Fukui, JPN) Takahashi (2019) - [running performance analysis women's 100m leading sprinters- world, asia, and japan](#)

date	06-Oct-18	time	2.08	3.33	4.47	5.58	6.67	7.76	8.86	9.97	11.10	12.24	12.24						
reaction time	0.133	interval		1.25	1.14	1.11	1.09	1.09	1.10	1.11	1.13	1.14		# of strides	4.47	3.29	3.34		
wind	-2.8 m/s	velocity	4.81	8.00	8.77	9.01	9.17	9.17	9.09	9.01	8.85	8.77	8.17		6.71	9.12	8.98		

Kuboyama, Haruna (JPN) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mB FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN) Takahashi (2021) - [Race analysis of 100m women's athletes in major domestic competitions](#)

date	19-Sep-20	time	2.07	3.26	4.35	5.42	6.47	7.54	8.61	9.70	10.81	11.95	11.95						
reaction time		interval		1.19	1.09	1.07	1.05	1.07	1.07	1.09	1.11	1.14		# of strides	4.35	3.19	3.27		
wind	-0.7 m/s	velocity	4.83	8.40	9.17	9.35	9.52	9.35	9.35	9.17	9.01	8.77	8.37		6.90	9.40	9.17		

Kudura, Djemine (BEL) (2007) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mU18 FINAL - 2023 Memorial van Damme (Brussels, BEL) Omega Timing (2023) - [diamond league race analysis](#)

date	08-Sep-23	time	2.04	3.23	4.31	5.37	6.42	7.48	8.55	9.64	10.76	11.92	11.92						
reaction time	0.138	interval		1.19	1.08	1.06	1.05	1.06	1.07	1.09	1.12	1.16		# of strides	4.31	3.17	3.28		
wind	0.4 m/s	velocity	4.90	8.40	9.26	9.43	9.52	9.43	9.35	9.17	8.93	8.62	8.39		6.96	9.46	9.15		

Kurahasi, Kiho (JPN) (2004) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mFINAL - 2021 Japanese High School National Championships (Fukui, JPN) Shibayama (2021) - [national high school and U20 national championships](#)

date	29-Jul-21	time	2.12	3.32	4.41	5.46	6.49	7.52	8.56	9.61	10.68	11.76	11.76						
reaction time	0.143	interval		1.20	1.09	1.05	1.03	1.03	1.04	1.05	1.07	1.08	PB	# of strides	4.41	3.11	3.16		
wind	-0.2 m/s	velocity	4.72	8.33	9.17	9.52	9.71	9.71	9.62	9.52	9.35	9.26	8.50		49.0	6.80	9.65	9.49	

Kurahashi, Miho (JPN) (2004) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mU18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) Enomoto (2019) - [research on athlete performance and technique- 2019 data book](#)

date	04-Oct-19	time	4.50		6.68							12.28	12.28						
reaction time	0.159	interval			2.18							5.60		# of strides	4.50				
wind	-1.8 m/s	velocity	6.67		2.99							8.93	8.14		55.0	6.67			

Kurashige, Miu (JPN) (2004) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90mFINAL - 2022 Japanese National High School Championships (Naruto, JPN) Kishima (2022) - [national high school championships biomechanics data collection](#)

date	04-Aug-22	time	2.01	3.17	4.25	5.30	6.36	7.42	8.50	9.60	10.71	11.85	11.85						
reaction time	0.103	interval		1.16	1.08	1.05	1.06	1.06	1.08	1.10	1.11	1.14		# of strides	4.25	3.17	3.29		
wind	-0.6 m/s	velocity	4.98	8.62	9.26	9.52	9.43	9.43	9.26	9.09	9.01	8.77	8.44		52.0	7.06	9.46	9.12	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Kurimoto, Kayoko (JPN) (1984)																	
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	2.10	3.30	4.39	5.44	6.49	7.54	8.61	9.70	10.81	11.94	11.94	1/3			
reaction time		interval		1.20	1.09	1.05	1.05	1.05	1.07	1.09	1.11	1.13		# of strides	4.39	3.15	3.27
wind	1.5 m/s	velocity	4.76	8.33	9.17	9.52	9.52	9.52	9.35	9.17	9.01	8.85	8.38		6.83	9.52	9.17
Kwadwo, Yasmin (GER) (1990)																	
Heat 3 - 2010 Sparkassen-Gala (Regensburg, GER)		<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>															
date	05-Jun-10	time		3.17	4.21	5.21		7.22		9.29		11.41	11.41	1/1			
reaction time		interval			1.04	1.00		2.01		2.07		2.12		# of strides	4.21	3.01	
wind	-0.7 m/s	velocity		6.31	9.62	10.00		9.95		9.66		9.43	8.76		7.13	9.97	
Lalova-Collio, Ivet (BUL) (1984)																	
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)		<i>Omega Timing (2020) - diamond league race analysis</i>															
date	23-Aug-20	time		3.3		5.4		7.4		9.4		11.49	11.49	2/7			
reaction time	0.148	interval				2.10		2.00		2.00		2.09		# of strides			
wind	1.3 m/s	velocity		6.06		9.52		10.00		10.00		9.57	8.70	51.0			
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)		<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>															
date	21-May-17	time	2.04	3.22	4.28	5.31	6.33	7.34	8.34	9.34	10.36	11.40	11.40	1/1			
reaction time	0.171	interval		1.18	1.06	1.03	1.02	1.01	1.00	1.00	1.02	1.04		# of strides	4.28	3.06	3.02
wind	0.8 m/s	velocity	4.90	8.47	9.43	9.71	9.80	9.90	10.00	10.00	9.80	9.62	8.77	50.5	7.01	9.80	9.93
Lalova, Ivet (BUL) (1984)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)		<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
date	03-Mar-13	time		3.13		5.16		7.12				7.12	7.12	6/4			
reaction time	0.152	interval				2.03		1.96						# of strides			
		velocity		6.39		9.85		10.20						8.43		32.0	
FINAL - 2011 IAAF World Championships (Daegu, KOR)		<i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>															
date	29-Aug-11	time		3.14	4.22	5.23	6.24	7.21	8.19	9.16	10.18	11.27	11.27	1/7			
reaction time	0.156	interval			1.08	1.01	1.01	0.97	0.98	0.97	1.02	1.09		# of strides	4.22	2.99	2.96
wind	-1.4 m/s	velocity		6.37	9.26	9.90	9.90	10.31	10.20	10.31	9.80	9.17	8.87	50.0	7.11	10.03	10.14
Heat 2 - 2009 IAAF World Championships (Berlin, GER)		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
date	16-Aug-09	time		3.23	4.29	5.32		7.36		9.38		11.48	11.48	3/3			
reaction time	0.141	interval			1.06	1.03		2.04		2.02		2.10		# of strides	4.29	3.07	
wind	-0.3 m/s	velocity		6.19	9.43	9.71		9.80		9.90		9.52	8.71		6.99	9.77	
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)		<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>															
date	23-Sep-07	time		3.24	4.30	5.33		7.38		9.45		11.59	11.59	2/7			
reaction time	0.130	interval			1.06	1.03		2.05		2.07		2.14		# of strides	4.30	3.08	
wind	-0.6 m/s	velocity		6.17	9.43	9.71		9.76		9.66		9.35	8.63		6.98	9.74	
Lansiquot, Imani (GBR) (1997)																	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	03-Aug-24	time	2.04	3.21	4.25	5.25	6.24	7.20	8.18	9.16	10.20	11.21	11.21	3/5			
reaction time	0.158	interval		1.17	1.04	1.00	0.99	0.96	0.98	0.98	1.04	1.01		# of strides	4.25	2.95	3.00
wind	-0.1 m/s	velocity	4.90	8.55	9.62	10.00	10.10	10.42	10.20	10.20	9.62	9.90	8.92	47.5	7.06	10.17	10.00
Heat 4 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.08	3.22	4.25	5.24	6.22	7.18	8.14	9.12	10.10	11.10	11.10	1/3			
reaction time	0.164	interval		1.14	1.03	0.99	0.98	0.96	0.96	0.98	0.98	1.00		# of strides	4.25	2.93	2.92
wind	1.2 m/s	velocity	4.81	8.77	9.71	10.10	10.20	10.42	10.20	10.20	10.20	10.00	9.01	47.0	7.06	10.24	10.27
National FINAL - 2024 London Athletics Meet (London, GBR)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	20-Jul-24	time	2.03	3.19	4.24	5.23	6.19	7.15	8.12	9.10	10.10	11.12	11.12	4/1			
reaction time	0.156	interval		1.16	1.05	0.99	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.24	2.91	2.95
wind	1.1 m/s	velocity	4.93	8.62	9.52	10.10	10.42	10.42	10.31	10.20	10.00	9.80	8.99		7.08	10.31	10.17
FINAL - 2023 Prefontaine Classic (Eugene, OR)		<i>Omega Timing (2023) - diamond league race analysis</i>															
date	16-Sep-23	time	2.07	3.21	4.24	5.22	6.17	7.12	8.08	9.04	10.01	11.01	11.01	9/8			
reaction time	0.165	interval		1.14	1.03	0.98	0.95	0.95	0.96	0.96	0.97	1.00		# of strides	4.24	2.88	2.89
wind	0.8 m/s	velocity	4.83	8.77	9.71	10.20	10.53	10.53	10.42	10.42	10.31	10.00	9.08	47.0	7.08	10.42	10.38
FINAL - 2023 Athletissima (Lausanne, SUI)		<i>Omega Timing (2023) - diamond league race analysis</i>															
date	30-Jun-23	time	2.03	3.18	4.24	5.24	6.22	7.20	8.18	9.17	10.19	11.24	11.24	8/6			
reaction time	0.136	interval		1.15	1.06	1.00	0.98	0.98	0.98	0.99	1.02	1.05		# of strides	4.24	2.96	2.99
wind	-0.8 m/s	velocity	4.93	8.70	9.43	10.00	10.20	10.20	10.20	10.10	9.80	9.52	8.90	48.0	7.08	10.14	10.03
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)		<i>Omega Timing (2023) - diamond league race analysis</i>															
date	02-Jun-23	time	2.00	3.15	4.19	5.18	6.16	7.13	8.11	9.10	10.11	11.16	11.16	1/3			

reaction time	0.150	interval	1.15	1.04	0.99	0.98	0.97	0.98	0.99	1.01	1.05		# of strides	4.19	2.94	2.98	
wind	-0.4 m/s	velocity	5.00	8.70	9.62	10.10	10.20	10.31	10.20	10.10	9.90	9.52	8.96	48.0	7.16	10.20	10.07

FINAL - 2022 FBK Games (Hengelo, NED)

date	06-Jun-22	time	3.2	5.2	7.2	9.2	11.26	11.26									<i>Omega Timing (2022) - continental tour race analysis</i>
reaction time	0.120	interval		2.00	2.00	2.00	2.06										# of strides
wind	0.8 m/s	velocity	6.25	10.00	10.00	10.00	9.71	8.88									47.5

B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time	3.3	5.3	7.2	9.2	11.19	11.19										<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.149	interval		2.00	1.90	2.00	1.99											# of strides
wind	2.7 m/s	velocity	6.06	10.00	10.53	10.00	10.05	8.94										

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

date	17-Sep-20	time	3.2	5.3	7.2	9.2	11.23	11.23										<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.143	interval		2.10	1.90	2.00	2.03											# of strides
wind	0.2 m/s	velocity	6.25	9.52	10.53	10.00	9.85	8.90										47.5

FINAL - 2019 The Match - Europe v USA (Minsk, BLR)

date	09-Sep-19	time		6.43			11.49	11.49										<i>European Athletics (2019) - race analysis</i>
reaction time	0.160	interval					5.06											# of strides
wind	-0.8 m/s	velocity					7.78											48.2

Lapsley, Andriane (USA) (1983)

date	25-Jun-05	time	2.14	3.29	4.33	5.36	6.39	7.39	8.39	9.44	10.48	11.55	11.55					<i>USATF Women's Sprint Development (2005)</i>
reaction time		interval		1.15	1.04	1.03	1.03	1.00	1.00	1.05	1.04	1.07						# of strides
wind	2.1 m/s	velocity	4.67	8.70	9.62	9.71	9.71	10.00	10.00	9.52	9.62	9.35	8.66					4.33

Heat 2 - 2005 USATF National Championships (Carson, CA)

date	24-Jun-05	time	2.15	3.29	4.39	5.43	6.44	7.47	8.51	9.56	10.66	11.74	11.74					<i>USATF Women's Sprint Development (2005)</i>
reaction time		interval		1.14	1.10	1.04	1.01	1.03	1.04	1.05	1.10	1.08						# of strides
wind	-0.7 m/s	velocity	4.65	8.77	9.09	9.62	9.90	9.71	9.62	9.52	9.09	9.26	8.52					4.39

Larsson, Caroline (SWE) (1993)

date	26-Jul-15	time		4.53			7.66		9.82		12.05	12.05						<i>(2015) - www.windsprint/Splittider/</i>
reaction time		interval					3.13		2.16		2.23							# of strides
wind	2.1 m/s	velocity		6.62			9.58		9.26		8.97	8.30						4.53

Larsson, Frida (SWE) (1992)

date	25-Jul-09	time		4.72			8.12		10.40		12.81	12.81						<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>
reaction time		interval					3.40		2.28		2.41							# of strides
wind	0.9 m/s	velocity		6.36			8.82		8.77		8.30	7.81						4.72

Latimer, Aleisha (USA) (1979)

date	06-Mar-99	time		4.37			7.46					7.46						<i>Winckler (2008) - running parameters</i>
reaction time		interval					3.09											# of strides
wind		velocity		6.86			9.71					8.04						4.37

Laurent, Anyssa (BEL) (2006)

date	08-Sep-23	time	2.21	3.45	4.58	5.67	6.77	7.86	8.97	10.10	11.26	12.52	12.52					<i>Omega Timing (2023) - diamond league race analysis</i>
reaction time	0.175	interval		1.24	1.13	1.09	1.10	1.09	1.11	1.13	1.16	1.26						# of strides
wind	0.4 m/s	velocity	4.52	8.06	8.85	9.17	9.09	9.17	9.01	8.85	8.62	7.94	7.99					4.58

Latvala, Hanna-Maari (FIN) (1987)

date	26-Jul-15	time		4.42			7.54		9.64		11.81	11.81						<i>(2015) - www.windsprint/Splittider/</i>
reaction time		interval					3.12		2.10		2.17							# of strides
wind	0.9 m/s	velocity		6.79			9.62		9.52		9.22	8.47						4.42

Lawrence, Tayna (JAM) (1975)

date	24-Sep-00	time		3.97			6.08	7.12	8.15		10.15	11.18	11.18					<i>Veney - Sydney 100m women's splits</i>
reaction time	0.163	interval					2.11	1.04	1.03		2.00	1.03						# of strides
wind	-0.4 m/s	velocity		7.56			9.48	9.62	9.71		10.00	9.71	8.94					3.97

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

date	01-Sep-00	time	3.11	4.14	5.14	7.11	11.07	11.07	/ 3 2
reaction time	0.185	interval		1.03	1.00	1.97	3.96	PB	# of strides 4.14 2.97
wind	0.1 m/s	velocity	6.43	9.71	10.00	10.15	10.10	9.03	7.25 10.10

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)

date	06-Mar-99	time	4.27	7.31	7.31	7.31	7.31	7.31	Winckler (2008) - running parameters
reaction time		interval		3.04	3.04	3.04	3.04	3.04	5 / 3
		velocity	7.03	9.87	9.87	9.87	9.87	9.87	# of strides 4.27 3.04

Layne, Lynne (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)																
USATF Women's Sprint Development with HPC (2008)																
date	27-Jun-08	time	2.07	3.20	4.23	5.21	6.19	7.19	8.16	9.21	10.19	11.27	11.27	1 / 7		
reaction time		interval		1.13	1.03	0.98	0.98	1.00	0.97	1.05	0.98	1.08		# of strides	4.23	2.96 3.00
wind	3.4 m/s	velocity	4.83	8.85	9.71	10.20	10.20	10.00	10.31	9.52	10.20	9.26	8.87		7.09	10.14 10.00

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

date	27-Jun-08	time	2.08	3.21	4.19	5.18	6.16	7.16	8.11	9.14	10.21	11.18	11.18	2 / 3		
reaction time		interval		1.13	0.98	0.99	0.98	1.00	0.95	1.03	1.07	0.97		# of strides	4.19	2.97 3.05
wind	3.5 m/s	velocity	4.81	8.85	10.20	10.10	10.20	10.00	10.53	9.71	9.35	10.31	8.94		7.16	10.10 9.84

Leconte, Mallory (FRA) (2000)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Meeting de Paris (Paris, FRA)																
Omega Timing (2024) - diamond league race analysis																
date	07-Jul-24	time	2.08	3.24	4.31	5.35	6.36	7.39	8.42	9.46	10.50	11.57	11.57	2 / 4		
reaction time	0.163	interval		1.16	1.07	1.04	1.01	1.03	1.03	1.04	1.04	1.07		# of strides	4.31	3.08 3.11
wind	-2.3 m/s	velocity	4.81	8.62	9.35	9.62	9.90	9.71	9.71	9.62	9.62	9.35	8.64		6.96	9.74 9.65

B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)

date	26-Aug-22	time	3.2	5.3	7.4	9.4	11.58	11.58	2 / 5		
reaction time	0.156	interval		2.10	2.10	2.00	2.18		# of strides		
wind	-0.3 m/s	velocity	6.25	9.52	9.52	10.00	9.17	8.64			

Ledermann, Anouk (SUI) (2004)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)																
Omega Timing (2024) - diamond league race analysis																
date	22-Aug-24	time	2.17	3.38	4.47	5.52	6.57	7.62	8.69	9.78	10.87	11.98	11.98	1 / 7		
reaction time	0.136	interval		1.21	1.09	1.05	1.05	1.05	1.07	1.09	1.09	1.11		# of strides	4.47	3.15 3.25
wind	2.2 m/s	velocity	4.61	8.26	9.17	9.52	9.52	9.52	9.35	9.17	9.17	9.01	8.35		6.71	9.52 9.23

Leduc, Audrey (CAN) (1999)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																
Paris 2024 Olympic Games - Results Book (2024)																
date	03-Aug-24	time	2.04	3.19	4.20	5.19	6.15	7.12	8.09	9.08	10.07	11.10	11.10	5 / 5		
reaction time	0.174	interval		1.15	1.01	0.99	0.96	0.97	0.97	0.99	0.99	1.03		# of strides	4.20	2.92 2.95
wind	0.2 m/s	velocity	4.90	8.70	9.90	10.10	10.42	10.31	10.31	10.10	10.10	9.71	9.01		48.0	7.14 10.27 10.17

Heat 4 - 2024 Olympic Games (Paris, FRA)

date	02-Aug-24	time	2.04	3.17	4.19	5.17	6.13	7.08	8.04	9.00	9.97	10.95	10.95	4 / 1		
reaction time	0.172	interval		1.13	1.02	0.98	0.96	0.95	0.96	0.96	0.97	0.98	NR PB	# of strides	4.19	2.89 2.89
wind	1.2 m/s	velocity	4.90	8.85	9.80	10.20	10.42	10.53	10.42	10.42	10.31	10.20	9.13		49.0	7.16 10.38 10.38

Lee, Muna (USA) (1981)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2013 Windsprint (Sundsvall, SWE)																
(2013) - www.ssg.se/windsprint/Splittider/																
date	28-Jul-13	time	4.26	7.21	9.18	11.19	11.19	2 / 3								
reaction time		interval		2.95	1.97	2.01		# of strides	4.26	2.95						
wind	2.2 m/s	velocity	7.04	10.17	10.15	9.95	8.94		7.04	10.17						

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

date	17-Aug-09	time	3.21	4.24	5.24	7.21	9.16	11.18	11.18	8 / 5		
reaction time	0.179	interval		1.03	1.00	1.97	1.95	2.02		# of strides	4.24	2.97
wind	-0.1 m/s	velocity	6.23	9.71	10.00	10.15	10.26	9.90	8.94		7.08	10.10

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

date	16-Aug-09	time	3.18	4.20	5.19	7.14	9.08	11.13	11.13	3 / 3		
reaction time	0.190	interval		1.02	0.99	1.95	1.94	2.05		# of strides	4.20	2.94
wind	0.1 m/s	velocity	6.29	9.80	10.10	10.26	10.31	9.76	8.98		47.0	7.14 10.20

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

date	16-Aug-09	time	3.23	4.29	5.31	7.37	9.38	11.44	11.44	5 / 2		
reaction time	0.194	interval		1.06	1.02	2.06	2.01	2.06		# of strides	4.29	3.08
wind	-0.5 m/s	velocity	6.19	9.43	9.80	9.71	9.95	9.71	8.74		6.99	9.74

FINAL - 2008 USA Olympic Trials (Eugene, OR)

date	28-Jun-08	time	2.07	3.15	4.14	5.15	6.07	6.98	7.94	8.89	9.84	10.85	10.85	3 / 1		
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reaction time	interval	1.08	0.99	1.01	0.92	0.91	0.96	0.95	0.95	1.01	PB	# of strides	4.14	2.84	2.86		
wind	1.0 m/s	velocity	4.83	9.26	10.10	9.90	10.87	10.99	10.42	10.53	10.53	9.90	9.22	47.0	7.25	10.56	10.49

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.09	3.17	4.15	5.18	6.10	7.04	7.94	8.93	9.88	10.91	10.91	3 / 2			
reaction time	interval	1.08	0.98	1.03	0.92	0.94	0.90	0.99	0.95	1.03	# of strides	4.15	2.89	2.84			
wind	3.2 m/s	velocity	4.78	9.26	10.20	9.71	10.87	10.64	11.11	10.10	10.53	9.71	9.17	45.2	7.23	10.38	10.56

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.09	3.18	4.17	5.14	6.05	7.04	7.99	8.94	9.97	10.89	10.89	5 / 2		
reaction time	interval	1.09	0.99	0.97	0.91	0.99	0.95	0.95	1.03	0.92	# of strides	4.17	2.87	2.93		
wind	2.3 m/s	velocity	4.78	9.17	10.10	10.31	10.99	10.10	10.53	10.53	9.71	10.87	9.18	7.19	10.45	10.24

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.09	3.18	4.19	5.14	6.12	7.09	8.04	9.00	9.97	11.00	11.00	7 / 1		
reaction time	interval	1.09	1.01	0.95	0.98	0.97	0.95	0.96	0.97	1.03	# of strides	4.19	2.90	2.88		
wind	1.8 m/s	velocity	4.78	9.17	9.90	10.53	10.20	10.31	10.53	10.42	10.31	9.71	9.09	7.16	10.34	10.42

FINAL - 2006 USATF National Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

date	23-Jun-06	time	2.10	3.22	4.25	5.26	6.22	7.21	8.23	9.22	10.23	11.24	11.24	1 / 5 4			
reaction time	interval	1.12	1.03	1.01	0.96	0.99	1.02	0.99	1.01	1.01	# of strides	4.25	2.96	3.02			
wind	-0.9 m/s	velocity	4.76	8.93	9.71	9.90	10.42	10.10	9.80	10.10	9.90	9.90	8.90	48.2	7.06	10.14	9.93

FINAL - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.05	3.21	4.25	5.27	6.26	7.26	8.21	9.23	10.26	11.28	11.28	5 / 2			
reaction time	interval	1.16	1.04	1.02	0.99	1.00	0.95	1.02	1.03	1.02	# of strides	4.25	3.01	3.00			
wind	-1.6 m/s	velocity	4.88	8.62	9.62	9.80	10.10	10.00	10.53	9.80	9.71	9.80	8.87	49.2	7.06	9.97	10.00

Semi-Final 1 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.07	3.19	4.20	5.14	6.14	7.08	8.01	8.99	9.94	10.99	10.99	4 / 2		
reaction time	interval	1.12	1.01	0.94	1.00	0.94	0.93	0.98	0.95	1.05	# of strides	4.20	2.88	2.86		
wind	3.0 m/s	velocity	4.83	8.93	9.90	10.64	10.00	10.64	10.75	10.20	10.53	9.52	9.10	7.14	10.42	10.49

Heat 3 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.10	3.27	4.27	5.26	6.26	7.21	8.16	9.18	10.17	11.21	11.21	6 / 2		
reaction time	interval	1.17	1.00	0.99	1.00	0.95	0.95	1.02	0.99	1.04	# of strides	4.27	2.94	2.96		
wind	1.4 m/s	velocity	4.76	8.55	10.00	10.10	10.00	10.53	10.53	9.80	10.10	9.62	8.92	7.03	10.20	10.14

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.06	3.19	4.23	5.23	6.18	7.20	8.16	9.16	10.14	11.17	11.17	7 / 6 4			
reaction time	interval	1.13	1.04	1.00	0.95	1.02	0.96	1.00	0.98	1.03	# of strides	4.23	2.97	2.94			
wind	0.1 m/s	velocity	4.85	8.85	9.62	10.00	10.53	9.80	10.42	10.00	10.20	9.71	8.95	49.0	7.09	10.10	10.20

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.14	3.23	4.27	5.27	6.24	7.23	8.21	9.19	10.25	11.25	11.25	6 / 3 2			
reaction time	interval	1.09	1.04	1.00	0.97	0.99	0.98	0.98	1.06	1.00	# of strides	4.27	2.96	3.02			
wind	-0.7 m/s	velocity	4.67	9.17	9.62	10.00	10.31	10.10	10.20	10.20	9.43	10.00	8.89	49.7	7.03	10.14	9.93

Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.12	3.24	4.27	5.32	6.26	7.26	8.23	9.25	10.31	11.37	11.37	2 / 2			
reaction time	interval	1.12	1.03	1.05	0.94	1.00	0.97	1.02	1.06	1.06	# of strides	4.27	2.99	3.05			
wind	-0.8 m/s	velocity	4.72	8.93	9.71	9.52	10.64	10.00	10.31	9.80	9.43	9.43	8.80	49.0	7.03	10.03	9.84

Lepešková, Klára (CZE) (1993)

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

Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)

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

date	25-Feb-12	time	2.21	3.42	4.64	5.67	6.85	7.99				7.99	2 / 5		
reaction time	0.168	interval	1.21	1.22	1.03	1.18	1.14						# of strides	4.64	3.35
		velocity	4.52	8.26	8.20	9.71	8.47	8.77				7.51		6.47	8.96

Levorato, Manuela (ITA) (1977)

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

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

date	07-Aug-02	time	3.23	4.26	5.26		7.22		9.22		11.23	11.23	/ 3			
reaction time	0.153	interval		1.03	1.00		1.96		2.00		2.01		# of strides	4.26	2.96	
wind	-0.7 m/s	velocity		6.19	9.71	10.00	10.20		10.00		9.95	8.90		46.3	7.04	10.14

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

date	07-Aug-02	time	3.19	4.22	5.22		7.20		9.21		11.26	11.26	/ 2		
reaction time	0.144	interval		1.03	1.00		1.98		2.01		2.05		# of strides	4.22	2.98
wind	0.3 m/s	velocity		6.27	9.71	10.00	10.10		9.95		9.76	8.88		7.11	10.07

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

date	06-Aug-02	time	3.21	4.26	5.27	7.27	9.31	11.46	11.46	/ 1										
reaction time	0.150	interval		1.05	1.01	2.00	2.04	2.15		# of strides	4.26	3.01								
wind	0.7 m/s	velocity	6.23	9.52	9.90	10.00	9.80	9.30	8.73		7.04	9.97								
FINAL - 2001 European Cup (Bremen, GER)														Graubner (2007) - http://www.fgs.uni-halle.de						
date	23-Jun-01	time	3.37	4.42	5.43	7.41	9.40	11.43	11.47	/ 6										
reaction time	0.205	interval		1.05	1.01	1.98	1.99	2.03		# of strides	4.42	2.99								
wind	2.8 m/s	velocity	5.93	9.52	9.90	10.10	10.05	9.85	8.72		6.79	10.03								
FINAL - 1997 European Cup (Munich, GER)														Jung (2003) - http://www.fgs.uni-halle.de						
date	21-Jun-97	time	2.20	4.45	7.54	9.62	11.74	11.74	/ 6											
reaction time		interval		2.25	3.09	2.08	2.12			# of strides	4.45	3.09								
wind	0.6 m/s	velocity	4.55	4.49	9.71	9.62	9.43	8.52			6.74	9.71								
Lewis, Mechelle (USA) (1980)																				
FINAL - 2008 USA Olympic Trials (Eugene, OR)														USATF Women's Sprint Development with HPC (2008)						
date	28-Jun-08	time	2.04	3.13	4.15	5.15	6.08	7.05	8.03	9.01	10.03	11.08	11.08	6 / 7						
reaction time		interval		1.09	1.02	1.00	0.93	0.97	0.98	0.98	1.02	1.05		# of strides	4.15	2.90	2.98			
wind	1.0 m/s	velocity	4.90	9.17	9.80	10.00	10.75	10.31	10.20	10.20	9.80	9.52	9.03	50.2	7.23	10.34	10.07			
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														USATF Women's Sprint Development with HPC (2008)						
date	28-Jun-08	time	2.01	3.12	4.09	5.07	6.02	6.99	7.98	8.93	9.96	10.97	10.97	6 / 2						
reaction time		interval		1.11	0.97	0.98	0.95	0.97	0.99	0.95	1.03	1.01	PB	# of strides	4.09	2.90	2.97			
wind	1.8 m/s	velocity	4.98	9.01	10.31	10.20	10.53	10.31	10.10	10.53	9.71	9.90	9.12	49.2	7.33	10.34	10.10			
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)														USATF Women's Sprint Development with HPC (2008)						
date	27-Jun-08	time	2.20	3.12	4.14	5.11	6.04	6.99	7.94	8.94	9.89	10.95	10.95	3 / 3						
reaction time		interval		0.92	1.02	0.97	0.93	0.95	0.95	1.00	0.95	1.06		# of strides	4.14	2.85	2.90			
wind	3.4 m/s	velocity	4.55	10.87	9.80	10.31	10.75	10.53	10.53	10.00	10.53	9.43	9.13		7.25	10.53	10.34			
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)														USATF Women's Sprint Development with HPC (2008)						
date	27-Jun-08	time	2.05	3.15	4.17	5.15	6.12	7.10	8.10	9.08	10.12	11.13	11.13	2 / 3						
reaction time		interval		1.10	1.02	0.98	0.97	0.98	1.00	0.98	1.04	1.01	=PB	# of strides	4.17	2.93	3.02			
wind	1.8 m/s	velocity	4.88	9.09	9.80	10.20	10.31	10.20	10.00	10.20	9.62	9.90	8.98		7.19	10.24	9.93			
Lewis, Torrie (AUS) (2005)																				
National FINAL - 2023 Weltklasse (Zürich, SUI)														Omega Timing (2023) - diamond league race analysis						
date	31-Aug-23	time	2.07	3.24	4.31	5.33	6.35	7.36	8.38	9.41	10.47	11.56	11.56	8 / 9						
reaction time	0.138	interval		1.17	1.07	1.02	1.02	1.01	1.02	1.03	1.06	1.09		# of strides	4.31	3.05	3.11			
wind	-0.1 m/s	velocity	4.83	8.55	9.35	9.80	9.80	9.90	9.80	9.71	9.43	9.17	8.65		6.96	9.84	9.65			
Li He (CHN) (2001)																				
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)														Jiang (2019) - data analysis of women's sprint finals in the world championships trials						
date	02-Aug-19	time	2.11	3.28	4.37	5.42	6.45	7.49	8.54	9.60	10.67	11.77	11.77	1 / 7						
reaction time		interval		1.17	1.09	1.05	1.03	1.04	1.05	1.06	1.07	1.10		# of strides	4.37	3.12	3.18			
wind	-1.2 m/s	velocity	4.74	8.55	9.17	9.52	9.71	9.62	9.52	9.43	9.35	9.09	8.50		6.86	9.62	9.43			
Li Yuting (CHN) (2002)																				
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														Omega Timing (2023) - diamond league race analysis						
date	02-Sep-23	time	2.12	3.29	4.34	5.37	6.37	7.38	8.40	9.42	10.47	11.55	11.55	7 / 4						
reaction time	0.172	interval		1.17	1.05	1.03	1.00	1.01	1.02	1.02	1.05	1.08		# of strides	4.34	3.04	3.09			
wind	0.4 m/s	velocity	4.72	8.55	9.52	9.71	10.00	9.90	9.80	9.80	9.52	9.26	8.66	48.0	6.91	9.87	9.71			
Liang Cuimin (CHN) (1993)																				
Heat 3 - 2017 National Grand Prix Final (Guiyang, CHN) (Altitude)														Jiang (2017) CAA sport science report						
date	25-Jun-17	time	1.93	3.12	4.23	5.27	6.29	7.33	8.38	9.43	10.50	11.63	11.80	/ 2						
reaction time		interval		1.19	1.11	1.04	1.02	1.04	1.05	1.05	1.07	1.13	PB	# of strides	4.23	3.10	3.17			
wind	0.5 m/s	velocity	5.18	8.40	9.01	9.62	9.80	9.62	9.52	9.52	9.35	8.85	8.47	54.2	7.09	9.68	9.46			
Liang Nuo (CHN) (1999)																				
Heat 5 - 2017 National Grand Prix Final (Guiyang, CHN) (Altitude)														Jiang (2017) CAA sport science report						
date	25-Jun-17	time	1.88	3.06	4.15	5.19	6.22	7.25	8.30	9.34	10.40	11.52	11.71	/ 1						
reaction time		interval		1.18	1.09	1.04	1.03	1.03	1.05	1.04	1.06	1.12	PB	# of strides	4.15	3.10	3.15			
wind	0.9 m/s	velocity	5.32	8.47	9.17	9.62	9.71	9.71	9.52	9.62	9.43	8.93	8.54	51.2	7.23	9.68	9.52			
Liang Xiaojing (CHN) (1997)																				
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														Omega Timing (2023) - diamond league race analysis						
date	02-Sep-23	time	2.01	3.15	4.20	5.20	6.20	7.20	8.22	9.27	10.33	11.44	11.44	5 / 3						
reaction time	0.160	interval		1.14	1.05	1.00	1.00	1.00	1.02	1.05	1.06	1.11		# of strides	4.20	3.00	3.13			
wind	0.4 m/s	velocity	4.98	8.77	9.52	10.00	10.00	10.00	9.80	9.52	9.43	9.01	8.74	55.0	7.14	10.00	9.58			

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)*Jiang (2019) - data analysis of women's sprint finals in the world championships trials*

date	02-Aug-19	time	2.05	3.17	4.21	5.22	6.20	7.19	8.19	9.20	10.22	11.27	11.27	4 / 1			
reaction time		interval		1.12	1.04	1.01	0.98	0.99	1.00	1.01	1.02	1.05		# of strides	4.21	2.98	3.03
wind	-1.2 m/s	velocity	4.88	8.93	9.62	9.90	10.20	10.10	10.00	9.90	9.80	9.52	8.87		7.13	10.07	9.90

Lindner, Magdalena (AUT) (2000)**Heat B - 2024 Weltklasse (Zürich, SUI)** *Omega Timing (2024) - diamond league race analysis*

date	05-Sep-24	time	2.12	3.29	4.37	5.37	6.40	7.44	8.48	9.54	10.62	11.70	11.70	4 / 3			
reaction time	0.143	interval		1.17	1.08	1.00	1.03	1.04	1.04	1.06	1.08	1.08		# of strides	4.37	3.07	3.18
wind	-0.5 m/s	velocity	4.72	8.55	9.26	10.00	9.71	9.62	9.62	9.43	9.26	9.26	8.55		6.86	9.77	9.43

National B FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.09	3.29	4.37	5.42	6.45	7.48	8.53	9.59	10.67	11.79	11.79	5 / 3			
reaction time	0.146	interval		1.20	1.08	1.05	1.03	1.03	1.05	1.06	1.08	1.12		# of strides	4.37	3.11	3.19
wind	-0.2 m/s	velocity	4.78	8.33	9.26	9.52	9.71	9.71	9.52	9.43	9.26	8.93	8.48		6.86	9.65	9.40

B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)*Omega Timing (2022) - diamond league race analysis*

date	26-Aug-22	time		3.2		5.3		7.4		9.5		11.75	11.75	2 / 3			
reaction time	0.140	interval				2.10		2.10		2.10		2.25		# of strides			
wind	-2.7 m/s	velocity		6.25		9.52		9.52		9.52		8.89	8.51				

B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)*Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time		3.3		5.4		7.4		9.4		11.53	11.53	1 / 7			
reaction time	0.162	interval				2.10		2.00		2.00		2.13		# of strides			
wind	2.7 m/s	velocity		6.06		9.52		10.00		10.00		9.39	8.67				

Lisenco, Evelina (ROU) (1975)**FINAL - 2001 European Cup (Bremen, GER)** *Graubner (2007) - <http://www.fgs.uni-halle.de>*

date	23-Jun-01	time		3.38	4.46	5.50		7.56		9.65		11.83	11.83	/ 8			
reaction time	0.218	interval			1.08	1.04		2.06		2.09		2.18		# of strides	4.46	3.10	
wind	2.8 m/s	velocity		5.92	9.26	9.62		9.71		9.57		9.17	8.45		6.73	9.68	

Liu Guoyi (CHN) (2004)**National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)** *Omega Timing (2023) - diamond league race analysis*

date	02-Sep-23	time	2.12	3.32	4.39	5.42	6.45	7.49	8.52	9.58	10.65	11.75	11.75	8 / 6			
reaction time	0.200	interval		1.20	1.07	1.03	1.03	1.04	1.03	1.06	1.07	1.10		# of strides	4.39	3.10	3.16
wind	0.4 m/s	velocity	4.72	8.33	9.35	9.71	9.71	9.62	9.71	9.43	9.35	9.09	8.51	51.0	6.83	9.68	9.49

Lööw, Anna-Lena (SWE) (1965)**B FINAL - 2016 Windsprint (Sundsvall, SWE)** *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			5.05			8.77				13.89	13.89	7 / 6			
reaction time		interval						3.72				5.12		# of strides	5.05	3.72	
wind	1.3 m/s	velocity			5.94			8.06				7.81	7.20		5.94	8.06	

Heat 2 - 2016 Windsprint (Sundsvall, SWE)*(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time			5.06			8.84				14.14	14.14	1 / 8			
reaction time		interval						3.78				5.30		# of strides	5.06	3.78	
wind	1.8 m/s	velocity			5.93			7.94				7.55	7.07		5.93	7.94	

Louami, Carima (FRA) (1979)**B FINAL - 2009 ISTAF (Berlin, GER)** *Graubner (2009) - <http://www.fgs.uni-halle.de>*

date	14-Jun-09	time		3.27	4.33	5.35		7.38		9.46		11.56	11.56	/ 3			
reaction time	0.168	interval			1.06	1.02		2.03		2.08		2.10		# of strides	4.33	3.05	
wind	0.1 m/s	velocity		6.12	9.43	9.80		9.85		9.62		9.52	8.65		6.93	9.84	

Lowery, Santana (USA) (1987)**Heat 4 - 2008 USA Olympic Trials (Eugene, OR)** *USATF Women's Sprint Development with HPC (2008)*

date	27-Jun-08	time	2.10	3.22	4.26	5.27	6.27	7.27	8.27	9.27	10.30	11.38	11.38	3 / 6			
reaction time		interval		1.12	1.04	1.01	1.00	1.00	1.00	1.00	1.03	1.08		# of strides	4.26	3.01	3.03
wind	1.4 m/s	velocity	4.76	8.93	9.62	9.90	10.00	10.00	10.00	10.00	9.71	9.26	8.79		7.04	9.97	9.90

Lückenkemper, Gina (GER) (1996)**FINAL - 2024 Athletissima (Lausanne, SUI)** *Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.09	3.24	4.28	5.27	6.24	7.20	8.18	9.16	10.17	11.19	11.19	8 / 6			
reaction time	0.196	interval		1.15	1.04	0.99	0.97	0.96	0.98	0.98	1.01	1.02		# of strides	4.28	2.92	2.97
wind	-0.4 m/s	velocity	4.78	8.70	9.62	10.10	10.31	10.42	10.20	10.20	9.90	9.80	8.94	49.7	7.01	10.27	10.10

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

date	03-Aug-24	time	2.07	3.22	4.24	5.23	6.20	7.15	8.11	9.09	10.08	11.09	11.09	8 / 4			
reaction time	0.200	interval		1.15	1.02	0.99	0.97	0.95	0.96	0.98	0.99	1.01		# of strides	4.24	2.91	2.93
wind	0.2 m/s	velocity	4.83	8.70	9.80	10.10	10.31	10.53	10.42	10.20	10.10	9.90	9.02	49.5	7.08	10.31	10.24

Semi-Final 3 - 2011 IAAF World Championships (Daegu, KOR)

date 29-Aug-11 time 6.36
 reaction time 0.139 interval
 wind -1.5 m/s velocity 7.86

Marchand (2011) - une étape encourageante vers 2012 pour Véronique Mang

11.44 11.44 4 / 1
 5.08 # of strides
 4.37 8.74 50.5

Heat 7 - 2011 IAAF World Championships (Daegu, KOR)

date 28-Aug-11 time 6.36
 reaction time 0.172 interval
 wind 0.5 m/s velocity 7.86

Marchand (2011) - une étape encourageante vers 2012 pour Véronique Mang

11.44 11.44 4 / 1
 5.08 # of strides
 4.37 8.74 50.5

Mani, Myriam Leon (CMR) (1977)

	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	3.14	4.16	5.15	7.10	9.09	11.13	11.13	11.13	11.13	1 / 1			
reaction time	0.143	interval		1.02	0.99	1.95	1.99	2.04					# of strides	4.16	2.94
wind	0.5 m/s	velocity	6.37	9.80	10.10	10.26	10.05	9.80	8.98	8.98	8.98			7.21	10.20

FINAL - 2000 ISTAF (Berlin, GER)

	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)	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	01-Sep-00	time	3.10	4.12	5.10	7.06				11.24	11.24	1 / 5			
reaction time	0.151	interval		1.02	0.98	1.96				4.18	4.18		# of strides	4.12	2.94
wind	0.1 m/s	velocity	6.45	9.80	10.20	10.20				9.57	8.90			7.28	10.20

Marjamaa, Helinä (FIN) (1956)

	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	3.10	5.18	6.16	7.15	8.14	9.14	11.24	11.24	11.24	1 / 6			
reaction time	0.140	interval		2.08	0.98	0.99	0.99	1.00	2.10	2.10	2.10		# of strides		
wind	-0.5 m/s	velocity	6.45	9.62	10.20	10.10	10.10	10.00	9.52	8.90	8.90			49.0	

Marjanen, Pirkitta (FIN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National B FINAL - 2023 Weltklasse (Zürich, SUI)	<i>Omega Timing (2023) - diamond league race analysis</i>														
date	31-Aug-23	time	2.14	3.33	4.42	5.47	6.50	7.55	8.62	9.69	10.80	11.91	11.91	1 / 5	
reaction time	0.158	interval		1.19	1.09	1.05	1.03	1.05	1.07	1.07	1.11	1.11		# of strides	4.42 3.13 3.25
wind	-0.2 m/s	velocity	4.67	8.40	9.17	9.52	9.71	9.52	9.35	9.35	9.01	9.01			6.79 9.58 9.23

Marshall, Pam (USA) (1960)

	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)	<i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>														
date	30-Aug-87	time	2.14	3.28	4.28	5.28	6.27	7.21	8.16	9.13	10.15	11.19	11.19	1 / 7	
reaction time	0.242	interval		1.14	1.00	1.00	0.99	0.94	0.95	0.97	1.02	1.04		# of strides	4.28 2.93 2.94
wind	-0.5 m/s	velocity	4.67	8.77	10.00	10.00	10.10	10.64	10.53	10.31	9.80	9.62			7.01 10.24 10.20

Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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		4.28		7.18				11.06	11.06	3 / 4	3		
reaction time		interval				2.90				3.88	3.88		# of strides	4.28 2.90	
wind	2.2 m/s	velocity		7.01		10.34				10.31	9.04			45.0 7.01 10.34	

Quarter-Final 2 - 1987 IAAF World Championships (Rome, ITA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-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	29-Aug-87	time		4.29		7.19				11.21	11.21	5 / 3	2		
reaction time		interval				2.90				4.02	4.02		# of strides	4.29 2.90	
wind	1.6 m/s	velocity		6.99		10.34				9.95	8.92			44.5 6.99 10.34	

Heat 5 - 1987 IAAF World Championships (Rome, ITA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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		4.28		7.33				11.44	11.44	1 / 3			
reaction time		interval				3.05				4.11	4.11		# of strides	4.28 3.05	
wind	0.2 m/s	velocity		7.01		9.84				9.73	8.74			7.01 9.84	

Masters, Bree (AUS) (1995)

	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	03-Aug-24	time	2.06	3.25	4.29	5.31	6.30	7.27	8.26	9.26	10.31	11.34	11.34	2 / 7	
reaction time	0.164	interval		1.19	1.04	1.02	0.99	0.97	0.99	1.00	1.05	1.03		# of strides	4.29 2.98 3.04
wind	-0.1 m/s	velocity	4.85	8.40	9.62	9.80	10.10	10.31	10.10	10.00	9.52	9.71			8.82 49.0 6.99 10.07 9.87

Heat 1 - 2024 Olympic Games (Paris, FRA)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Olympic Games (Paris, FRA)	<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
date	02-Aug-24	time	2.05	3.21	4.27	5.27	6.23	7.20	8.19	9.19	10.20	11.26	11.26	7 / 3	
reaction time	0.170	interval		1.16	1.06	1.00	0.96	0.97	0.99	1.00	1.01	1.06		# of strides	4.27 2.93 3.00
wind	0.1 m/s	velocity	4.88	8.62	9.43	10.00	10.42	10.31	10.10	10.00	9.90	9.43			8.88 48.5 7.03 10.24 10.00

National FINAL - 2023 Weltklasse (Zürich, SUI)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Weltklasse (Zürich, SUI)	<i>Omega Timing (2023) - diamond league race analysis</i>														
date	31-Aug-23	time	2.08	3.24	4.29	5.29	6.28	7.28	8.28	9.31	10.36	11.43	11.43	1 / 6	
reaction time	0.151	interval		1.16	1.05	1.00	0.99	1.00	1.00	1.03	1.05	1.07		# of strides	4.29 2.99 3.08
wind	-0.1 m/s	velocity	4.81	8.62	9.52	10.00	10.10	10.00	10.00	9.71	9.52	9.35			6.99 10.03 9.74

Masumi, Aoki (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 - 2018 Japanese Corporate Championships (Osaka, JPN)															<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	23-Sep-18	time	2.01	3.21	4.32	5.39	6.45	7.51	8.58	9.66	10.76	11.89	11.89	2 / 4						
reaction time	0.129	interval		1.20	1.11	1.07	1.06	1.06	1.07	1.08	1.10	1.13		# of strides	4.32	3.19	3.25			
wind	-0.1 m/s	velocity	4.98	8.33	9.01	9.35	9.43	9.43	9.35	9.26	9.09	8.85	8.41	52.3	6.94	9.40	9.23			
Matsuda, Yumi (JPN) (1994)															<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
B FINAL - 2017 Fuse Sprint (Fuse, JPN)																				
date	04-Jun-17	time	2.10	3.28	4.37	5.43	6.47	7.50	8.55	9.60	10.68	11.78	11.78	/ 1						
reaction time		interval		1.18	1.09	1.06	1.04	1.03	1.05	1.05	1.08	1.10		# of strides	4.37	3.13	3.18			
wind	3.1 m/s	velocity	4.76	8.47	9.17	9.43	9.62	9.71	9.52	9.52	9.26	9.09	8.49	53.9	6.86	9.58	9.43			
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	2.04	3.19	4.24	5.29	6.33	7.37	8.43	9.49	10.58	11.69	11.69	/ 2						
reaction time		interval		1.15	1.05	1.05	1.04	1.04	1.06	1.06	1.09	1.11	PB	# of strides	4.24	3.13	3.21			
wind	0.7 m/s	velocity	4.90	8.70	9.52	9.52	9.62	9.62	9.43	9.43	9.17	9.01	8.55	53.9	7.08	9.58	9.35			
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					6.54	7.57	8.65	9.76	10.86	12.03	12.03	9 / 3						
reaction time		interval						1.03	1.08	1.11	1.10	1.17		# of strides						3.29
wind	-0.3 m/s	velocity					7.65	9.71	9.26	9.01	9.09	8.55	8.31							9.12
Matsumoto, Sayako (JPN) (1995)															<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)																				
date	23-Sep-18	time	2.03	3.21	4.31	5.37	6.43	7.49	8.57	9.67	10.79	11.94	11.94	6 / 6						
reaction time	0.120	interval		1.18	1.10	1.06	1.06	1.06	1.08	1.10	1.12	1.15		# of strides	4.31	3.18	3.30			
wind	-0.1 m/s	velocity	4.93	8.47	9.09	9.43	9.43	9.43	9.26	9.09	8.93	8.70	8.38	53.0	6.96	9.43	9.09			
Matthew, Sarah A. (USA) (1988)															<i>USATF Women's Sprint Development (2005)</i>					
FINAL - 2005 USATF National Junior Championships (Carson, CA)																				
date	23-Jun-05	time	2.13	3.31	4.41	5.45	6.56	7.57	9.64	9.76	10.84	11.98	11.98	8 / 9						
reaction time		interval		1.18	1.10	1.04	1.11	1.01	2.07	0.12	1.08	1.14		# of strides	4.41	3.16	3.27			
wind	-1.1 m/s	velocity	4.69	8.47	9.09	9.62	9.01	9.90	4.83	83.33	9.26	8.77	8.35		6.80	9.49	9.17			
Mayo, Gabrielle (USA) (1989)															<i>USATF Women's Sprint Development (2006)</i>					
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)																				
date	22-Jun-06	time	2.10	3.20	4.24	5.22	6.21	7.19	8.14	9.13	10.13	11.16	11.16	4 / 2						
reaction time		interval		1.10	1.04	0.98	0.99	0.98	0.95	0.99	1.00	1.03	PB	# of strides	4.24	2.95	2.94			
wind	1.2 m/s	velocity	4.76	9.09	9.62	10.20	10.10	10.20	10.53	10.10	10.00	9.71	8.96		7.08	10.17	10.20			
Mayr-Krifka, Karin (AUT) (1971)															<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
Semi-Final 2 - 2002 European Championships (Munich, GER)																				
date	07-Aug-02	time		3.21	4.26	5.28		7.29		9.35		11.52	11.52	/ 7						
reaction time	0.136	interval			1.05	1.02		2.01		2.06		2.17		# of strides	4.26	3.03				
wind	0.3 m/s	velocity		6.23	9.52	9.80		9.95		9.71		9.22	8.68		7.04	9.90				
Heat 3 - 2002 European Championships (Munich, GER)															<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	06-Aug-02	time		3.16	4.20	5.21		7.19		9.23		11.35	11.35	/ 2						
reaction time	0.124	interval			1.04	1.01		1.98		2.04		2.12		# of strides	4.20	2.99				
wind	0.0 m/s	velocity		6.33	9.62	9.90		10.10		9.80		9.43	8.81		7.14	10.03				
Mazáčová, Iveta (CZE) (1986)															<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)																				
date	15-Jun-13	time	2.14	3.27	4.36	5.38	6.42	7.46	8.52	9.59	10.70	11.82	11.82	6 / 4						
reaction time	0.162	interval		1.13	1.09	1.02	1.04	1.04	1.06	1.07	1.11	1.12		# of strides	4.36	3.10	3.24			
wind	-0.2 m/s	velocity	4.67	8.85	9.17	9.80	9.62	9.62	9.43	9.35	9.01	8.93	8.46		6.88	9.68	9.26			
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		3.28		5.40		7.46		9.60		11.79	11.79	6 / 2						
reaction time	0.176	interval				2.12		2.06		2.14		2.19		# of strides						
wind	-1.3 m/s	velocity		6.10		9.43		9.71		9.35		9.13	8.48							
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)															<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.05	3.20	4.27	5.31	6.33	7.39					7.39	5 / 2						
reaction time	0.126	interval		1.15	1.07	1.04	1.02	1.06						# of strides	4.27	3.12				
		velocity	4.88	8.70	9.35	9.62	9.80	9.43					8.12		7.03	9.62				
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)															<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.09	3.25	4.30	5.35	6.37	7.43					7.43	4 / 1						
reaction time	0.165	interval		1.16	1.05	1.05	1.02	1.06						# of strides	4.30	3.13				
		velocity	4.78	8.62	9.52	9.52	9.80	9.43					8.08		6.98	9.58				

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

date	25-Feb-12	time	2.05	3.21	4.31	5.37	6.39	7.46						
reaction time	0.138	interval		1.16	1.10	1.06	1.02	1.07						
		velocity	4.88	8.62	9.09	9.43	9.80	9.35						

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

	7.46	4 / 1					
# of strides		4.31	3.15				
	8.04	6.96	9.52				

C FINAL - 2009 ISTAF (Berlin, GER)

date	14-Jun-09	time	3.45	4.54	5.60		7.71	9.89	12.19	12.19	
reaction time	0.293	interval		1.09	1.06		2.11	2.18	2.30		
wind	0.9 m/s	velocity	5.80	9.17	9.43		9.48	9.17	8.70	8.20	

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

	/ 9			
# of strides	4.54	3.17		
	6.61	9.46		

M'belu, Lucienne (FRA) (1989)

date	14-Jun-09	time	3.41	4.48	5.51		7.59	9.69	12.13	12.13	
reaction time	0.284	interval		1.07	1.03		2.08	2.10	2.44		
wind	0.9 m/s	velocity	5.87	9.35	9.71		9.62	9.52	8.20	8.24	

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

	/ 8			
# of strides	4.48	3.11		
	6.70	9.65		

McGrone, Candyce (USA) (1989)

date	20-Jun-08	time	2.15	3.28	4.32	5.37	6.35	7.35	8.36	9.39	10.44	11.50	
reaction time		interval		1.13	1.04	1.05	0.98	1.00	1.01	1.03	1.05	1.06	
wind	1.3 m/s	velocity	4.65	8.85	9.62	9.52	10.20	10.00	9.90	9.71	9.52	9.43	8.70

USATF Women's Sprint Development with HPC (2008)

	4 / 4			
# of strides	4.32	3.03	3.09	
	6.94	9.90	9.71	

McLaughlin, Anneisha (JAM) (1986)

date	06-Jul-08	time		4.32			7.34		9.46		11.60	11.60	
reaction time		interval					3.02		2.12		2.14		
wind	1.0 m/s	velocity		6.94			9.93		9.43		9.35	8.62	

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

	6 / 2			
# of strides	4.32	3.02		
	6.94	9.93		

Meadows, Tawanna (USA) (1986)

date	21-May-17	time	2.06	3.24	4.30	5.32	6.33	7.33	8.34	9.35	10.37	11.44	
reaction time	0.203	interval		1.18	1.06	1.02	1.01	1.00	1.01	1.01	1.02	1.07	
wind	0.8 m/s	velocity	4.85	8.47	9.43	9.80	9.90	10.00	9.90	9.90	9.80	9.35	8.74

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

	/ 2			
# of strides	4.30	3.03	3.04	
	6.98	9.90	9.87	

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

date	27-Jun-08	time	2.15	3.30	4.35	5.42	6.41	7.40	8.42	9.42	10.48	11.48	11.48
reaction time		interval		1.15	1.05	1.07	0.99	0.99	1.02	1.00	1.06	1.00	
wind	1.8 m/s	velocity	4.65	8.70	9.52	9.35	10.10	10.10	9.80	10.00	9.43	10.00	8.71

USATF Women's Sprint Development with HPC (2008)

	8 / 6			
# of strides	4.35	3.05	3.08	
	6.90	9.84	9.74	

Meinseth, Ingvild (NOR) (1999)

date	30-Jul-17	time		4.33			6.40	7.46		9.54		11.70	11.70
reaction time		interval					2.07	1.06		2.08		2.16	
wind	0.3 m/s	velocity		6.93			9.66	9.43		9.62		9.26	8.55

(2017) - www.windsprint/Splittider/

	5 / 1			
# of strides	4.33	3.13		
	6.93	9.58		

Melin, Jenny (SWE) (1993)

date	17-Jun-12	time		4.50			7.70		9.88		12.16	12.16	
reaction time		interval					3.20		2.18		2.28		
wind	0.7 m/s	velocity		6.67			9.38		9.17		8.77	8.22	

(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx

	7 / 5			
# of strides	4.50	3.20		
	6.67	9.38		

Meredova, Valentina (TKM) (1984)

date	02-Aug-24	time	1.86	3.04	4.11	5.15	6.20	7.24	8.34	9.42	10.57	12.01	12.01
reaction time	0.164	interval		1.18	1.07	1.04	1.05	1.04	1.10	1.08	1.15	1.44	
wind	0.0 m/s	velocity	5.38	8.47	9.35	9.62	9.52	9.62	9.09	9.26	8.70	6.94	8.33

Paris 2024 Olympic Games - Results Book (2024)

	3 / 4			
# of strides	4.11	3.13	3.33	
	53.5	7.30	9.58	9.01

Mihalinec, Maja (SLO) (1989)

date	18-Aug-19	time		5.4			7.3		9.3		11.36	11.36	
reaction time	0.139	interval					2.1		2.0		2.06		
wind	-0.9 m/s	velocity		6.06			9.52		10.53		10.00	9.71	8.80

Omega Timing (2019) - diamond league race analysis

	8 / 4			
# of strides				
	51.0			

Mikase, Midori (JPN) (2001)

date	23-Aug-20	time	2.06	3.27	4.37	5.43	6.49	7.55	8.63	9.73	10.85	12.01	12.01
reaction time	0.148	interval		1.21	1.10	1.06	1.06	1.06	1.08	1.10	1.12	1.16	
wind	-0.9 m/s	velocity	4.85	8.26	9.09	9.43	9.43	9.43	9.26	9.09	8.93	8.62	8.33

Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions

	5 / 7			
# of strides	4.37	3.18	3.30	
	6.86	9.43	9.09	

FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)

date	05-Aug-19	time	2.03	3.19	4.25	5.28	6.29	7.31	8.34	9.38	10.43	11.51	11.51
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Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data

	4 / 1			
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reaction time	interval	1.16	1.06	1.03	1.01	1.02	1.03	1.04	1.05	1.08	# of strides	4.25	3.06	3.12		
wind	-0.1 m/s velocity	4.93	8.62	9.43	9.71	9.90	9.80	9.71	9.62	9.52	9.26	8.69	52.2	7.06	9.80	9.62

FINAL - 2019 Japanese National Championships (Fukuoka, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Jun-19	time	2.00	3.18	4.25	5.29	6.31	7.34	8.39	9.45	10.54	11.67	11.67	5 / 1			
reaction time	0.140	interval	1.18	1.07	1.04	1.02	1.03	1.05	1.06	1.09	1.13	# of strides	4.25	3.09	3.20		
wind	0.6 m/s	velocity	5.00	8.47	9.35	9.62	9.80	9.71	9.52	9.43	9.17	8.85	8.57	53.4	7.06	9.71	9.38

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Apr-19	time	2.03	3.21	4.28	5.31	6.33	7.34	8.37	9.41	10.46	11.54	11.54	5 / 2			
reaction time	interval	1.18	1.07	1.03	1.02	1.01	1.03	1.04	1.05	1.08	# of strides	4.28	3.06	3.12			
wind	1.9 m/s	velocity	4.93	8.47	9.35	9.71	9.80	9.90	9.71	9.62	9.52	9.26	8.67	52.7	7.01	9.80	9.62

U20 FINAL - 2018 National Sports Festival (Fukui, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	05-Oct-18	time	2.01	3.22	4.32	5.39	6.44	7.49	8.56	9.64	10.75	11.89	11.89	8 / 4			
reaction time	0.128	interval	1.21	1.10	1.07	1.05	1.05	1.07	1.08	1.11	1.14	# of strides	4.32	3.17	3.26		
wind	-0.1 m/s	velocity	4.98	8.26	9.09	9.35	9.52	9.52	9.35	9.26	9.01	8.77	8.41	54.2	6.94	9.46	9.20

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN) *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

date	03-Aug-18	time	2.07	3.25	4.33	5.38	6.41	7.45	8.50	9.56	10.64	11.74	11.74	1 / 1		
reaction time	interval	1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.08	1.10	# of strides	4.33	3.12	3.19		
wind	0.0 m/s	velocity	4.83	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.26	9.09	8.52	6.93	9.62	9.40

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Jun-18	time	2.06	3.24	4.33	5.38	6.41	7.44	8.48	9.54	10.63	11.74	11.74	7 / 4			
reaction time	0.172	interval	1.18	1.09	1.05	1.03	1.03	1.04	1.06	1.09	1.11	# of strides	4.33	3.11	3.19		
wind	0.8 m/s	velocity	4.85	8.47	9.17	9.52	9.71	9.71	9.62	9.43	9.17	9.01	8.52	53.4	6.93	9.65	9.40

Miller, Inger (USA) (1972)

		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 (2004)</i>															
date	10-Jul-04	time	2.06	3.21	4.26	5.27	6.26	7.24	8.22	9.24	10.25	11.30	11.30	4 / 6 5			
reaction time	interval	1.15	1.05	1.01	0.99	0.98	0.98	1.02	1.01	1.05	# of strides	4.26	2.98	3.01			
wind	-0.7 m/s	velocity	4.85	8.70	9.52	9.90	10.10	10.20	10.20	9.80	9.90	9.52	8.85	50.5	7.04	10.07	9.97

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

		<i>USATF Women's Sprint Development (2004)</i>															
date	09-Jul-04	time	2.07	3.22	4.27	5.28	6.22	7.21	8.18	9.17	10.23	11.28	11.28	2 / 1			
reaction time	interval	1.15	1.05	1.01	0.94	0.99	0.97	0.99	1.06	1.05	# of strides	4.27	2.94	3.02			
wind	-1.4 m/s	velocity	4.83	8.70	9.52	9.90	10.64	10.10	10.31	10.10	9.43	9.52	8.87	50.2	7.03	10.20	9.93

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

		<i>USATF Women's Sprint Development (2003)</i>														
date	20-Jun-03	time	2.09	3.24	4.27	5.25	6.24	7.21	8.16	9.16	10.19	11.17	11.17	7 / 4 3		
reaction time	interval	1.15	1.03	0.98	0.99	0.97	0.95	1.00	1.03	0.98	# of strides	4.27	2.94	2.98		
wind	-1.1 m/s	velocity	4.78	8.70	9.71	10.20	10.10	10.31	10.53	10.00	9.71	10.20	8.95	7.03	10.20	10.07

FINAL - 2000 USA Olympic Trials (Sacramento, CA)

		<i>Lyle - miscellaneous coaching notes</i>														
date	15-Jul-00	time	2.03	4.19	6.10	7.04	10.00	11.05	11.05	11.05	11.05	11.05	11.05	1 / 2		
reaction time	interval	2.16	1.91	0.94	2.96	1.05	# of strides	4.19	2.85	2.96						
wind	-1.0 m/s	velocity	4.93	4.63	10.47	10.64	10.14	9.52	9.05	7.16	10.53	10.14				

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	1.83	2.94	3.97	4.93	5.87	6.81	7.76	8.72	9.69	10.66	10.79	3 / 2		
reaction time	0.129	interval	1.11	1.03	0.96	0.94	0.94	0.95	0.96	0.97	0.97	PB	# of strides	3.97	2.84	2.88
wind	-0.1 m/s	velocity	5.46	9.01	9.71	10.42	10.64	10.64	10.53	10.42	10.31	10.31	9.27	7.56	10.56	10.42

FINAL - 1997 IAAF World Championships (Athens, GRE)

		<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>															
date	03-Aug-97	time	1.88	3.03	4.08	5.08	6.06	7.03	8.01	9.01	10.02	11.06	11.18	7 / 5			
reaction time	0.117	interval	1.15	1.05	1.00	0.98	0.97	0.98	1.00	1.01	1.04	# of strides	4.08	2.95	2.99		
wind	0.4 m/s	velocity	5.32	8.70	9.52	10.00	10.20	10.31	10.20	10.00	9.90	9.62	8.94	50.2	7.35	10.17	10.03

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

		<i>USATF Women's Sprint Development (1996)</i>														
date	15-Jun-96	time	1.94	4.20	6.11	9.90	10.96	10.96	10.96	10.96	10.96	10.96	10.96	8 / 4		
reaction time	interval	2.26	1.91	3.79	1.06	PB	# of strides	4.20								
wind	1.1 m/s	velocity	5.15	8.85	10.47	10.55	9.43	9.12	49.5	7.14						

Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)

		<i>USATF Women's Sprint Development (1996)</i>														
date	15-Jun-96	time	2.04	4.22	6.16	10.07	11.10	11.10	11.10	11.10	11.10	11.10	3 / 3			
reaction time	interval	2.18	1.94	3.91	1.03	# of strides	4.22									
wind	0.2 m/s	velocity	4.90	9.17	10.31	10.23	9.71	9.01	50.0	7.11						

Miller, Rachel (GBR) (1990)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		<i>Omega Timing (2019) - diamond league race analysis</i>														
date	15-Jun-96	time	2.04	4.22	6.16	10.07	11.10	11.10	11.10	11.10	11.10	11.10	11.10	3 / 3		
reaction time	interval	2.18	1.94	3.91	1.03	# of strides	4.22									
wind	0.2 m/s	velocity	4.90	9.17	10.31	10.23	9.71	9.01	50.0	7.11						

date	18-Aug-19	time	3.2	5.3	7.3	9.4	11.42	11.42	3 / 6										
reaction time	0.143	interval		2.1	2.0	2.1	2.02	PB	# of strides										
wind	-0.9 m/s	velocity	6.25	9.52	10.00	9.52	9.90	8.76	54.0										
Miller, Scottesha (USA) (1988)	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	27-Jun-08	time	2.08	3.29	4.35	5.38	6.39	7.39	8.44	9.43	10.52	11.62	11.62	2 / 7					
reaction time		interval	1.21	1.06	1.03	1.01	1.00	1.05	0.99	1.09	1.10		# of strides	4.35	3.04	3.13			
wind	1.1 m/s	velocity	4.81	8.26	9.43	9.71	9.90	10.00	9.52	10.10	9.17	9.09	8.61	6.90	9.87	9.58			
Miura, Yuna (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	2.07	3.28	4.38	5.44	6.49	7.53	8.59	9.66	10.76	11.90	11.90	5 / 1					
reaction time	0.128	interval	1.21	1.10	1.06	1.05	1.04	1.06	1.07	1.10	1.14		# of strides	4.38	3.15	3.23			
wind	-0.5 m/s	velocity	4.83	8.26	9.09	9.43	9.52	9.62	9.43	9.35	9.09	8.77	8.40	52.1	6.85	9.52	9.29		
FINAL - 2020 Athlete Night Games (Fukui, JPN)												<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>							
date	29-Aug-20	time	2.06	3.25	4.33	5.38	6.40	7.43	8.46	9.51	10.57	11.67	11.67	/ 4					
reaction time		interval	1.19	1.08	1.05	1.02	1.03	1.03	1.05	1.06	1.10		# of strides	4.33	3.10	3.14			
wind	1.1 m/s	velocity	4.85	8.40	9.26	9.52	9.80	9.71	9.71	9.52	9.43	9.09	8.57	6.93	9.68	9.55			
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	2.10	3.26	4.32	5.35	6.37	7.40	8.44	9.49	10.56	11.65	11.65	5 / 3					
reaction time		interval	1.16	1.06	1.03	1.02	1.03	1.04	1.05	1.07	1.09		# of strides	4.32	3.08	3.16			
wind	-0.1 m/s	velocity	4.76	8.62	9.43	9.71	9.80	9.71	9.62	9.52	9.35	9.17	8.58	51.0	6.94	9.74	9.49		
U20 FINAL - 2018 National Sports Festival (Fukui, JPN)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
date	05-Oct-18	time	2.06	3.27	4.37	5.43	6.48	7.52	8.57	9.64	10.72	11.83	11.83	5 / 1					
reaction time	0.150	interval	1.21	1.10	1.06	1.05	1.04	1.05	1.07	1.08	1.11	PB	# of strides	4.37	3.15	3.20			
wind	-0.1 m/s	velocity	4.85	8.26	9.09	9.43	9.52	9.62	9.52	9.35	9.26	9.01	8.45	51.5	6.86	9.52	9.38		
Miyake, Marina (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	4.40	5.48	6.55	7.61	8.67	9.74	10.83	11.97	11.97	11.97	/ 5						
reaction time		interval	1.08	1.07	1.06	1.06	1.07	1.09	1.14		# of strides	4.40	3.21	3.22					
wind	-1.2 m/s	velocity	6.82	9.26	9.35	9.43	9.43	9.35	9.17	8.77	8.35		6.82	9.35	9.32				
Miyake, Noaka (JPN) (1991)	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)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
date	02-Jun-19	time	2.06	3.24	4.31	5.35	6.38	7.41	8.45	9.51	10.58	11.68	11.68	7 / 3					
reaction time	0.130	interval	1.18	1.07	1.04	1.03	1.03	1.04	1.06	1.07	1.10		# of strides	4.31	3.10	3.17			
wind	-2.2 m/s	velocity	4.85	8.47	9.35	9.62	9.71	9.71	9.62	9.43	9.35	9.09	8.56	51.8	6.96	9.68	9.46		
FINAL - 2018 National Sports Festival (Fukui, JPN)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
date	06-Oct-18	time	2.13	3.39	4.54	5.65	6.74	7.83	8.93	10.04	11.16	12.30	12.30	4 / 5					
reaction time	0.160	interval	1.26	1.15	1.11	1.09	1.09	1.10	1.11	1.12	1.14		# of strides	4.54	3.29	3.33			
wind	-2.8 m/s	velocity	4.69	7.94	8.70	9.01	9.17	9.17	9.09	9.01	8.93	8.77	8.13	53.0	6.61	9.12	9.01		
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
date	23-Sep-18	time	2.06	3.24	4.33	5.38	6.43	7.47	8.52	9.59	10.68	11.80	11.80	5 / 3					
reaction time	0.137	interval	1.18	1.09	1.05	1.05	1.04	1.05	1.07	1.09	1.12		# of strides	4.33	3.14	3.21			
wind	-0.1 m/s	velocity	4.85	8.47	9.17	9.52	9.52	9.62	9.52	9.35	9.17	8.93	8.47	51.5	6.93	9.55	9.35		
Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>							
date	29-Apr-17	time	3.02	3.21	4.28	5.33	6.35	7.40	8.45	9.52	10.61	11.72	11.72	/ 4					
reaction time		interval	0.19	1.07	1.05	1.02	1.05	1.05	1.07	1.09	1.11		# of strides	4.28	3.12	3.21			
wind	2.4 m/s	velocity	3.31	52.63	9.35	9.52	9.80	9.52	9.52	9.35	9.17	9.01	8.53	52.2	7.01	9.62	9.35		
Miyamatsu, Shiki (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)												<i>Kishima (2022) - national high school championships biomechanics data collection</i>							
date	04-Aug-22	time	2.13	3.33	4.44	5.52	6.59	7.67	8.78	9.90	11.05	12.22	12.22	2 / 8					
reaction time	0.153	interval	1.20	1.11	1.08	1.07	1.08	1.11	1.12	1.15	1.17		# of strides	4.44	3.23	3.38			
wind	-0.6 m/s	velocity	4.69	8.33	9.01	9.26	9.35	9.26	9.01	8.93	8.70	8.55	8.18	54.0	6.76	9.29	8.88		
Miyamoto, Saya (JPN) (2004)	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	2.13	3.34	4.45	5.52	6.59	7.66	8.74	9.84	10.96	12.10	12.10	7 / 8					
reaction time	0.128	interval	1.21	1.11	1.07	1.07	1.07	1.08	1.10	1.12	1.14		# of strides	4.45	3.21	3.30			
wind	-0.2 m/s	velocity	4.69	8.26	9.01	9.35	9.35	9.35	9.26	9.09	8.93	8.77	8.26	57.0	6.74	9.35	9.09		
Miyata, Otoh (JPN) (1999)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				

FINAL - 2017 Japanese National High School Championships (Yamagata, JPN) *Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*
 date 30-Jul-17 time 4.38 7.65 11.10 12.32 12.32 2 / 5
 reaction time 0.148 interval 3.27 3.45 1.22 # of strides 4.38 3.27 3.45
 wind -3.0 m/s velocity 6.85 9.17 8.70 8.20 8.12 6.85 9.17 8.70

Miyazawa, Yuki (JPN) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*
 date 28-Jun-15 time 2.04 3.21 4.29 5.34 6.36 7.42 8.48 9.56 10.64 11.77 11.77 4 / 2
 reaction time 0.158 interval 1.17 1.08 1.05 1.02 1.06 1.06 1.08 1.08 1.13 # of strides 4.29 3.13 3.22
 wind -0.3 m/s velocity 4.90 8.55 9.26 9.52 9.80 9.43 9.43 9.26 9.26 8.85 8.50 53.0 6.99 9.58 9.32

Semi-Final 2 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*
 date 28-Jun-15 time 2.05 3.23 4.31 5.36 6.40 7.45 8.51 9.58 10.70 11.85 11.85 4 / 1
 reaction time 0.150 interval 1.18 1.08 1.05 1.04 1.05 1.06 1.07 1.12 1.15 # of strides 4.31 3.14 3.25
 wind -1.5 m/s velocity 4.88 8.47 9.26 9.52 9.62 9.52 9.43 9.35 8.93 8.70 8.44 54.0 6.96 9.55 9.23

Mochino, Tsuneishi (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-Sep-23 time 2.18 3.42 4.56 5.66 6.76 7.85 8.96 10.07 11.20 12.35 12.35 8 / 8
 reaction time 0.183 interval 1.24 1.14 1.10 1.10 1.09 1.11 1.11 1.13 1.15 # of strides 4.56 3.29 3.35
 wind -2.9 m/s velocity 4.59 8.06 8.77 9.09 9.09 9.17 9.01 9.01 8.85 8.70 8.10 6.58 9.12 8.96

Möller, Silke (GDR) (1964) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 1989 IAAF World Cup (Barcelona, ESP) *Pascua (1990) - atletismo (I) carreras y marcha*
 date 09-Sep-89 time 3.20 5.23 6.21 7.18 8.16 9.18 11.24 11.24 / 3
 reaction time interval 2.03 0.98 0.97 0.98 1.02 2.06 # of strides
 wind -1.1 m/s velocity 6.25 9.85 10.20 10.31 10.20 9.80 9.71 8.90 53.7

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*
 date 25-Sep-88 time 2.07 3.18 4.24 5.22 6.20 7.16 8.14 9.14 10.13 11.12 11.12 8 / 5
 reaction time 0.154 interval 1.11 1.06 0.98 0.98 0.96 0.98 1.00 0.99 0.99 # of strides 4.24 2.92 2.97
 wind 0.5 m/s velocity 4.83 9.01 9.43 10.20 10.20 10.42 10.20 10.00 10.10 10.10 8.99 7.08 10.27 10.10

Gladisch-Möller, Silke (GDR) (1964)
FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes*
 date 30-Aug-87 time 2.01 3.11 4.15 5.12 6.07 7.00 7.93 8.90 9.89 10.90 10.90 6 / 1
 reaction time 0.141 interval 1.10 1.04 0.97 0.95 0.93 0.93 0.97 0.99 1.01 CR # of strides 4.15 2.85 2.89
 wind -0.5 m/s velocity 4.98 9.09 9.62 10.31 10.53 10.75 10.75 10.31 10.10 9.90 9.17 53.0 7.23 10.53 10.38

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 2.02 3.12 4.14 5.10 6.05 6.99 7.92 8.87 9.83 10.82 10.82 4 / 1
 reaction time interval 1.10 1.02 0.96 0.95 0.94 0.93 0.95 0.96 0.99 # of strides 4.14 2.85 2.84
 wind 2.2 m/s velocity 4.95 9.09 9.80 10.42 10.53 10.64 10.75 10.53 10.42 10.10 9.24 51.8 7.25 10.53 10.56

Quarter-Final 4 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*
 date 29-Aug-87 time 2.08 3.18 4.22 5.21 6.19 7.16 8.18 9.23 10.26 11.29 11.29 / 2
 reaction time interval 1.10 1.04 0.99 0.98 0.97 1.02 1.05 1.03 1.03 # of strides 4.22 2.94 3.10
 wind -1.1 m/s velocity 4.81 9.09 9.62 10.10 10.20 10.31 9.80 9.52 9.71 9.71 8.86 7.11 10.20 9.68

Heat 5 - 1987 IAAF World Championships (Rome, ITA) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*
 date 29-Aug-87 time 2.10 3.23 4.31 5.31 6.31 7.31 8.31 9.31 10.34 11.40 11.42 / 2
 reaction time interval 1.13 1.08 1.00 1.00 1.00 1.00 1.00 1.03 1.06 # of strides 4.31 3.00 3.03
 wind 0.15 m/s velocity 4.76 8.85 9.26 10.00 10.00 10.00 10.00 9.71 9.43 8.76 6.96 10.00 9.90

FINAL - 1987 East German National Championships (Postdam, GDR) *Tepper (1989) - zum entwicklungsstand und zum trainingssystem des ddr-frauenkurzsprints*
 date 20-Aug-87 time 4.15 7.00 8.91 10.86 10.86 / 1
 reaction time interval 2.85 1.91 1.95 PB # of strides 4.15 2.85
 wind 0.6 m/s velocity 7.23 10.53 10.47 10.26 9.21 7.23 10.53

Gladisch, Silke (GDR) (1964)
A FINAL - 1983 Olympischen Tag (East Berlin, GDR) *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*
 date 08-Jun-83 time 4.20 7.09 9.04 11.03 11.03 / 3
 reaction time interval 2.89 1.95 1.99 PB # of strides 4.20 2.89
 wind 1.7 m/s velocity 7.14 10.38 10.26 10.05 9.07 7.14 10.38

FINAL - 1982 East German Spitzenklasse (Cottbus, GDR) *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*
 date 21-Aug-82 time 4.35 7.34 9.34 11.33 11.33 / 5
 reaction time interval 2.99 2.00 1.99 # of strides 4.35 2.99
 wind 4.3 m/s velocity 6.90 10.03 10.00 10.05 8.83 6.90 10.03

Möllinger, Anne (GER) (1985) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Heat 3 - 2010 Sparkassen-Gala (Regensburg, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*
 date 05-Jun-10 time 3.28 4.33 5.34 7.36 9.41 11.53 11.53 / 3

reaction time	interval		1.05	1.01		2.02	2.05	2.12		# of strides	4.33	3.03
wind	-0.7 m/s	velocity	6.10	9.52	9.90	9.90	9.76	9.43	8.67		6.93	9.90

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

date	14-Jun-09	time	3.36	4.42	5.45		7.48	9.53	11.62	11.62		/ 7	
reaction time	0.177	interval		1.06	1.03		2.03	2.05	2.09		# of strides	4.42	3.06
wind	0.1 m/s	velocity	5.95	9.43	9.71		9.85	9.76	9.57	8.61		6.79	9.80

Molnar, Edit (HUN) (1965)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1991 European Cup (Frankfurt, GER)**Federle (2003) - <http://www.fgs.uni-halle.de>

date	29-Jun-91	time		4.40			7.69	9.95	12.25	12.25		/ 8	
reaction time		interval					3.29	2.26	2.30		# of strides	4.40	3.29
wind	-2.7 m/s	velocity		6.82			9.12	8.85	8.70	8.16		6.82	9.12

Mondie-Milner, Celena (USA) (1968)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)**

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	2.09	4.27	6.20				10.11	11.19	11.19	6 / 5	
reaction time		interval		2.18	1.93				3.91	1.08		# of strides	4.27
wind	0.2 m/s	velocity	4.78	9.17	10.36				10.23	9.26	8.94	50.5	7.03

FINAL - 1995 USATF National Championships (Sacramento, CA)

Lyle - miscellaneous coaching notes

date	16-Jun-95	time	1.98	3.14	4.18	5.19	6.14	7.15	8.13	9.14	10.17	11.22	11.22	5 / 3			
reaction time		interval		1.16	1.04	1.01	0.95	1.01	0.98	1.01	1.03	1.05		# of strides	4.18	2.97	3.02
wind	0.0 m/s	velocity	5.05	8.62	9.62	9.90	10.53	9.90	10.20	9.90	9.71	9.52	8.91		7.18	10.10	9.93

Moore, Connie (USA) (1981)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Semi-Final 2 - 2005 USATF National Championships (Carson, CA)**

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.14	3.30	4.37	5.37	6.37	7.34	8.33	9.34	10.31	11.36	11.36	9 / 5			
reaction time		interval		1.16	1.07	1.00	1.00	0.97	0.99	1.01	0.97	1.05		# of strides	4.37	2.97	2.97
wind	2.1 m/s	velocity	4.67	8.62	9.35	10.00	10.00	10.31	10.10	9.90	10.31	9.52	8.80		6.86	10.10	10.10

Heat 3 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.14	3.34	4.39	5.44	6.42	7.41	8.39	9.39	10.44	11.47	11.47	9 / 5			
reaction time		interval		1.20	1.05	1.05	0.98	0.99	0.98	1.00	1.05	1.03		# of strides	4.39	3.02	3.03
wind	1.4 m/s	velocity	4.67	8.33	9.52	9.52	10.20	10.10	10.20	10.00	9.52	9.71	8.72		6.83	9.93	9.90

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.17	3.30	4.35	5.42	6.42	7.44	8.43	9.44	10.49	11.60	11.60	2 / 7 5				
reaction time		interval		1.13	1.05	1.07	1.00	1.02	0.99	1.01	1.05	1.11		# of strides	4.35	3.09	3.05	
wind	-0.1 m/s	velocity	4.61	8.85	9.52	9.35	10.00	9.80	10.10	9.90	9.52	9.01	8.62		53.2	6.90	9.71	9.84

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.16	3.30	4.37	5.38	6.36	7.36	8.33	9.38	10.39	11.47	11.47	6 / 4 3				
reaction time		interval		1.14	1.07	1.01	0.98	1.00	0.97	1.05	1.01	1.08		# of strides	4.37	2.99	3.03	
wind	-1.4 m/s	velocity	4.63	8.77	9.35	9.90	10.20	10.00	10.31	9.52	9.90	9.26	8.72		54.5	6.86	10.03	9.90

Moore, LaShaunte'a (USA) (1983)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2009 Windsprint (Sundsvall, SWE)**(2009) - www.ssg.se/en/Windsprint/Split-times/

date	25-Jul-09	time		4.28			7.25	9.19		11.25	11.25		/ 1		
reaction time		interval					2.97	1.94		2.06			# of strides	4.28	2.97
wind	2.0 m/s	velocity		7.01			10.10	10.31		9.71	8.89			7.01	10.10

FINAL - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.16	3.27	4.32	5.30	6.28	7.22	8.21	9.19	10.14	11.22	11.22	7 / 8				
reaction time		interval		1.11	1.05	0.98	0.98	0.94	0.99	0.98	0.95	1.08		# of strides	4.32	2.90	2.92	
wind	1.0 m/s	velocity	4.63	9.01	9.52	10.20	10.20	10.64	10.10	10.20	10.53	9.26	8.91		48.0	6.94	10.34	10.27

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.16	3.28	4.29	5.29	6.24	7.17	8.16	9.10	10.06	11.03	11.03	7 / 4				
reaction time		interval		1.12	1.01	1.00	0.95	0.93	0.99	0.94	0.96	0.97	PB	# of strides	4.29	2.88	2.89	
wind	1.8 m/s	velocity	4.63	8.93	9.90	10.00	10.53	10.75	10.10	10.64	10.42	10.31	9.07		48.0	6.99	10.42	10.38

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.15	3.25	4.27	5.27	6.21	7.17	8.14	9.08	10.03	11.04	11.04	6 / 4			
reaction time		interval		1.10	1.02	1.00	0.94	0.96	0.97	0.94	0.95	1.01		# of strides	4.27	2.90	2.86
wind	2.3 m/s	velocity	4.65	9.09	9.80	10.00	10.64	10.42	10.31	10.64	10.53	9.90	9.06		7.03	10.34	10.49

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.11	3.25	4.28	5.29	6.24	7.20	8.15	9.11	10.11	11.12	11.12	4 / 3			
reaction time		interval		1.14	1.03	1.01	0.95	0.96	0.95	0.96	1.00	1.01	PB	# of strides	4.28	2.92	2.91
wind	1.4 m/s	velocity	4.74	8.77	9.71	9.90	10.53	10.42	10.53	10.42	10.00	9.90	8.99		7.01	10.27	10.31

FINAL - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.05	3.27	4.35	5.44	6.45	7.47	8.47	9.53	10.58	11.64	11.64	9 / 8			
reaction time		interval		1.22	1.08	1.09	1.01	1.02	1.00	1.06	1.05	1.06		# of strides	4.35	3.12	3.11
wind	-1.6 m/s	velocity	4.88	8.20	9.26	9.17	9.90	9.80	10.00	9.43	9.52	9.43	8.59	50.2	6.90	9.62	9.65

Semi-Final 1 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.14	3.25	4.31	5.31	6.29	7.27	8.23	9.24	10.23	11.25	11.25	5 / 5			
reaction time		interval		1.11	1.06	1.00	0.98	0.98	0.96	1.01	0.99	1.02		# of strides	4.31	2.96	2.96
wind	3.0 m/s	velocity	4.67	9.01	9.43	10.00	10.20	10.20	10.42	9.90	10.10	9.80	8.89	6.96	10.14	10.14	

Heat 2 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.12	3.27	4.34	5.36	6.39	7.41	8.41	9.44	10.51	11.55	11.55	4 / 3			
reaction time		interval		1.15	1.07	1.02	1.03	1.02	1.00	1.03	1.07	1.04		# of strides	4.34	3.07	3.10
wind	-0.7 m/s	velocity	4.72	8.70	9.35	9.80	9.71	9.80	10.00	9.71	9.35	9.62	8.66	6.91	9.77	9.68	

Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.17	3.35	4.42	5.46	6.46	7.52	8.54	9.59	10.66	11.76	11.76	2 / 4 3			
reaction time		interval		1.18	1.07	1.04	1.00	1.06	1.02	1.05	1.07	1.10		# of strides	4.42	3.10	3.14
wind	-1.0 m/s	velocity	4.61	8.47	9.35	9.62	10.00	9.43	9.80	9.52	9.35	9.09	8.50	51.0	6.79	9.68	9.55

Morgan, Lynette (SWE) (1991)

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

A FINAL - 2014 Windsprint (Sundsvall, SWE)

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

date	20-Jul-14	time		4.48		7.71		9.87		12.06		12.06	12.06	1 / 7		
reaction time		interval				3.23		2.16		2.19		PB		# of strides	4.48	3.23
wind	1.2 m/s	velocity		6.70		9.29		9.26		9.13		8.29		6.70	9.29	

D FINAL - 2013 Windsprint (Sundsvall, SWE)

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

date	28-Jul-13	time		4.69		8.03		10.28		12.61		12.61	12.61	7 / 5		
reaction time		interval				3.34		2.25		2.33				# of strides	4.69	3.34
wind	2.7 m/s	velocity		6.40		8.98		8.89		8.58		7.93		6.40	8.98	

Moris, Lucia (SSD) (2001)

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

Prelim 1 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	1.86	3.02	4.08	5.14	6.26	7.42					dnf	1 / --		
reaction time	0.165	interval		1.16	1.06	1.06	1.12	1.16						# of strides	4.08	3.34
wind	0.0 m/s	velocity	5.38	8.62	9.43	9.43	8.93	8.62						7.35	8.98	

Morrison, Natasha (JAM) (1992)

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

FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)

Omega Timing (2024) - diamond league race analysis

date	25-Aug-24	time	2.00	3.14	4.17	5.15	6.12	7.08	8.05	9.03	10.04	11.07	11.07	2 / 9			
reaction time	0.172	interval		1.14	1.03	0.98	0.97	0.96	0.97	0.98	1.01	1.03		# of strides	4.17	2.91	2.96
wind	2.9 m/s	velocity	5.00	8.77	9.71	10.20	10.31	10.42	10.31	10.20	9.90	9.71	9.03	49.5	7.19	10.31	10.14

FINAL - 2024 Bauhaus Galan (Stockholm, SWE)

Omega Timing (2024) - diamond league race analysis

date	02-Jun-24	time	2.07	3.21	4.23	5.26	6.27	7.26	8.27	9.29	10.35	11.41	11.41	1 / 7			
reaction time	0.163	interval		1.14	1.02	1.03	1.01	0.99	1.01	1.02	1.06	1.06		# of strides	4.23	3.03	3.09
wind	-0.8 m/s	velocity	4.83	8.77	9.80	9.71	9.90	10.10	9.90	9.80	9.43	9.43	8.76	50.0	7.09	9.90	9.71

FINAL - 2024 Seashore Doha Meeting (Doha, QAT)

Omega Timing (2024) - diamond league race analysis

date	10-May-24	time	2.07	3.21	4.27	5.27	6.28	7.28	8.28	9.29	10.32	11.37	11.37	5 / 7			
reaction time	0.173	interval		1.14	1.06	1.00	1.01	1.00	1.01	1.03	1.05			# of strides	4.27	3.01	3.04
wind	2.0 m/s	velocity	4.83	8.77	9.43	10.00	9.90	10.00	10.00	9.90	9.71	9.52	8.80	49.5	7.03	9.97	9.87

FINAL - 2023 Prefontaine Classic (Eugene, OR)

Omega Timing (2023) - diamond league race analysis

date	16-Sep-23	time	2.00	3.10	4.12	5.09	6.03	6.98	7.93	8.88	9.85	10.85	10.85	8 / 6			
reaction time	0.143	interval		1.10	1.02	0.97	0.94	0.95	0.95	0.95	0.97	1.00	PB	# of strides	4.12	2.86	2.87
wind	0.8 m/s	velocity	5.00	9.09	9.80	10.31	10.64	10.53	10.53	10.53	10.31	10.00	9.22	48.0	7.28	10.49	10.45

FINAL - 2023 Memorial van Damme (Brussels, BEL)

Omega Timing (2023) - diamond league race analysis

date	08-Sep-23	time	2.03	3.15	4.16	5.13	6.09	7.05	8.00	8.96	9.94	10.95	10.95	2 / 2			
reaction time	0.175	interval		1.12	1.01	0.97	0.96	0.96	0.95	0.96	0.98	1.01		# of strides	4.16	2.89	2.89
wind	0.0 m/s	velocity	4.93	8.93	9.90	10.31	10.42	10.42	10.53	10.42	10.20	9.90	9.13	48.5	7.21	10.38	10.38

FINAL - 2023 Weltklasse (Zürich, SUI)

Omega Timing (2023) - diamond league race analysis

date	31-Aug-23	time	2.01	3.13	4.15	5.12	6.08	7.03	8.00	8.98	9.98	11.00	11.00	1 / 2			
reaction time	0.158	interval		1.12	1.02	0.97	0.96	0.95	0.97	0.98	1.00	1.02		# of strides	4.15	2.88	2.95
wind	-0.2 m/s	velocity	4.98	8.93	9.80	10.31	10.42	10.53	10.31	10.20	10.00	9.80	9.09	49.0	7.23	10.42	10.17

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

Omega Timing (2022) - diamond league race analysis

date	06-Aug-22	time		3.14		0.16		7.11		9.11		11.20	11.20	9 / 9
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reaction time	0.150	interval		-2.98	6.95	2.00	2.09					# of strides						
wind	0.5 m/s	velocity	6.37	-6.71	2.88	10.00	9.57	8.93				48.5						
FINAL - 2022 Meeting International Mohammed VI d'Atlétime (Rabat, MAR)												<i>Omega Timing (2022) - diamond league race analysis</i>						
date	05-Jun-22	time	3.13	5.17	7.13	9.13	11.22	11.22	4 / 3									
reaction time	0.147	interval		2.04	1.96	2.00	2.09		# of strides									
wind	0.3 m/s	velocity	6.39	9.80	10.20	10.00	9.57	8.91	49.0									
FINAL - 2021 Weltklasse (Zürich, SUI)												<i>Omega Timing (2021) - diamond league race analysis</i>						
date	09-Sep-21	time	3.2	5.2	7.2	9.1	11.10	11.10	1 / 7									
reaction time	0.160	interval		2.00	2.00	1.90	2.00		# of strides									
wind	0.6 m/s	velocity	6.25	10.00	10.00	10.53	10.00	9.01	49.0									
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)												<i>Omega Timing (2021) - diamond league race analysis</i>						
date	23-May-21	time	3.0	5.1	7.2	9.4	11.88	11.88	3 / 5									
reaction time	0.194	interval		2.10	2.10	2.20	2.48		# of strides									
wind	-4.2 m/s	velocity	6.67	9.52	9.52	9.09	8.06	8.42	53.0									
A FINAL - 2014 Windsprint (Sundsvall, SWE)												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>						
date	20-Jul-14	time	4.23		7.23	9.25	11.34	11.34	4 / 3									
reaction time		interval			3.00	2.02	2.09		# of strides	4.23	3.00							
wind	1.2 m/s	velocity	7.09		10.00	9.90	9.57	8.82		7.09	10.00							
A FINAL - 2013 Windsprint (Sundsvall, SWE)												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>						
date	28-Jul-13	time	4.21		7.14	9.09	11.12	11.12	5 / 2									
reaction time		interval			2.93	1.95	2.03		# of strides	4.21	2.93							
wind	2.2 m/s	velocity	7.13		10.24	10.26	9.85	8.99		7.13	10.24							
Mrnová, Markéta (CZE) (1991)																		
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	3.49	5.76	7.98	10.27	12.57	12.57	7 / 6									
reaction time	0.160	interval		2.27	2.22	2.29	2.30		# of strides									
wind	-0.6 m/s	velocity	5.73	8.81	9.01	8.73	8.70	7.96										
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>						
date	25-Feb-12	time	2.25	3.51	4.66	5.82	6.95	8.07	8.07	7 / 6								
reaction time	0.161	interval		1.26	1.15	1.16	1.13	1.12		# of strides	4.66	3.41						
		velocity	4.44	7.94	8.70	8.62	8.85	8.93		7.43	6.44	8.80						
Mulrain, Sabrina (GER) (1978)																		
B FINAL - 2000 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	01-Sep-00	time	3.30	4.36	5.39	7.40		11.54	11.54	/ 3								
reaction time	0.192	interval		1.06	1.03	2.01		4.14	PB	# of strides	4.36	3.04						
wind	0.1 m/s	velocity	6.06	9.43	9.71	9.95		9.66	8.67		6.88	9.87						
Murková, Eva (TCH) (1962)																		
FINAL - 1987 European Cup (Prague, TCH)												<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>						
date	28-Jun-87	time	2.04	3.21	4.25	5.25	6.25	7.25	8.28	9.32	10.37	11.43	11.43	4 / 5				
reaction time		interval		1.17	1.04	1.00	1.00	1.00	1.03	1.04	1.05	1.06		# of strides	4.25	3.00	3.12	
wind	-0.4 m/s	velocity	4.90	8.55	9.62	10.00	10.00	10.00	9.71	9.62	9.52	9.43	8.75	50.9	7.06	10.00	9.62	
Myers, Sandra (ESP) (1961)																		
FINAL - 1989 IAAF World Cup (Barcelona, ESP)												<i>Pascua (1990) - atletismo (I) carreras y marcha</i>						
date	09-Sep-89	time	3.26	5.31	6.30	7.30	8.29	9.29		11.36	11.36	/ 6						
reaction time		interval		2.05	0.99	1.00	0.99	1.00		2.07		# of strides						
wind	-1.1 m/s	velocity	6.13	9.76	10.10	10.00	10.10	10.00		9.66	8.80	48.1						
Myrick, Wyllesheia (USA) (1979)																		
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>						
date	27-Jun-08	time	2.10	3.24	4.26	5.24	6.20	7.16	8.13	9.13	10.17	11.19	11.19	2 / 7				
reaction time		interval		1.14	1.02	0.98	0.96	0.96	0.97	1.00	1.04	1.02		# of strides	4.26	2.90	3.01	
wind	2.3 m/s	velocity	4.76	8.77	9.80	10.20	10.42	10.42	10.31	10.00	9.62	9.80	8.94		7.04	10.34	9.97	
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>						
date	27-Jun-08	time	2.08	3.24	4.27	5.27	6.27	7.25	8.24	9.24	10.29	11.33	11.33	4 / 4				
reaction time		interval		1.16	1.03	1.00	1.00	0.98	0.99	1.00	1.05	1.04		# of strides	4.27	2.98	3.04	
wind	1.1 m/s	velocity	4.81	8.62	9.71	10.00	10.00	10.20	10.10	10.00	9.52	9.62	8.83		7.03	10.07	9.87	
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>						
date	25-Jun-05	time	2.06	3.22	4.27	5.28	6.31	7.36	8.48	9.84	11.60	16.44	16.44	2 / 9				
reaction time		interval		1.16	1.05	1.01	1.03	1.05	1.12	1.36	1.76	4.84		# of strides	4.27	3.09	4.24	

wind	3.0 m/s	velocity	4.85	8.62	9.52	9.90	9.71	9.52	8.93	7.35	5.68	2.07	6.08	7.03	9.71	7.08
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Heat 2 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.14	3.31	4.35	5.39	6.41	7.42	8.43	9.50	10.59	11.67	11.67	9 / 5			
reaction time		interval		1.17	1.04	1.04	1.02	1.01	1.01	1.07	1.09	1.08		# of strides	4.35	3.07	3.17
wind	-0.7 m/s	velocity	4.67	8.55	9.62	9.62	9.80	9.90	9.90	9.35	9.17	9.26	8.57		6.90	9.77	9.46

Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.09	3.22	4.25	5.22	6.20	7.21	8.19	9.17	10.21	11.28	11.28	2 / 5 4			
reaction time		interval		1.13	1.03	0.97	0.98	1.01	0.98	0.98	1.04	1.07		# of strides	4.25	2.96	3.00
wind	-0.7 m/s	velocity	4.78	8.85	9.71	10.31	10.20	9.90	10.20	10.20	9.62	9.35	8.87	51.0	7.06	10.14	10.00

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.12	3.25	4.30	5.31	6.29	7.27	8.28	9.28	10.35	11.42	11.42	3 / 3 2			
reaction time		interval		1.13	1.05	1.01	0.98	0.98	1.01	1.00	1.07	1.07		# of strides	4.30	2.97	3.08
wind	-1.4 m/s	velocity	4.72	8.85	9.52	9.90	10.20	10.20	9.90	10.00	9.35	9.35	8.76	52.0	6.98	10.10	9.74

Næss, Heidi Hessian (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					7.91		10.13		12.42	12.42	12.42	3 / 2		
reaction time		interval							2.22		2.29			# of strides		
wind	0.1 m/s	velocity					7.59		9.01		8.73	8.05				

C FINAL - 2014 Windsprint (Sundsvall, SWE)

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

date	20-Jul-14	time		4.56			7.81		9.97		12.17	12.17	12.17	5 / 2		
reaction time		interval					3.25		2.16		2.20			# of strides	4.56	3.25
wind	0.7 m/s	velocity		6.58			9.23		9.26		9.09	8.22			6.58	9.23

C FINAL - 2013 Windsprint (Sundsvall, SWE)

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

date	28-Jul-13	time		4.60			7.79		9.92		12.14	12.14	12.14	5 / 3		
reaction time		interval					3.19		2.13		2.22			# of strides	4.60	3.19
wind	-0.1 m/s	velocity		6.52			9.40		9.39		9.01	8.24			6.52	9.40

Nagaishi, Koyuki (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	2.05	3.23	4.31	5.34	6.36	7.39	8.43	9.48	10.55	11.65	11.65	3 / 1			
reaction time	0.130	interval		1.18	1.08	1.03	1.02	1.03	1.04	1.05	1.07	1.10	=PB	# of strides	4.31	3.08	3.16
wind	-0.2 m/s	velocity	4.88	8.47	9.26	9.71	9.80	9.71	9.62	9.52	9.35	9.09	8.58	47.2	6.96	9.74	9.49

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)

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

date	04-Oct-19	time		4.51			6.75				12.34	12.34	12.34	3 / 5		
reaction time	0.158	interval					2.24				5.59			# of strides	4.51	
wind	-1.8 m/s	velocity		6.65			2.96				8.94	8.10		54.0	6.65	

Nagakura, Yuka (JPN) (1987)

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

B FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)

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

date	06-Jul-08	time	2.17	3.38	4.50	5.57	6.64	7.72	8.81	9.91	11.02	12.16	12.16	???			
reaction time		interval		1.21	1.12	1.07	1.07	1.08	1.09	1.10	1.11	1.14		# of strides	4.50	3.22	3.30
wind	0.5 m/s	velocity	4.61	8.26	8.93	9.35	9.35	9.26	9.17	9.09	9.01	8.77	8.22		6.67	9.32	9.09

Nagamine, Sayuri (JPN) (2001)

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

FINAL - 2018 Shimane High School Championships (Honshu, JPN)

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

date	26-May-18	time		4.53			7.94				11.40	12.63	12.63	5 / 5			
reaction time		interval					3.41				3.46	1.23		# of strides	4.53	3.41	3.46
wind	1.8 m/s	velocity		6.62			8.80				8.67	8.13	7.92	54.0	6.62	8.80	8.67

Nagura, Chiaki (JPN) (1993)

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

FINAL - 2020 World Athletics Trials (Fuji, JPN)

Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions

date	06-Sep-20	time	2.01	3.22	4.32	5.38	6.42	7.47	8.52	9.59	10.69	11.83	11.83	1 / 2			
reaction time		interval		1.21	1.10	1.06	1.04	1.05	1.05	1.07	1.10	1.14		# of strides	4.32	3.15	3.22
wind	1.4 m/s	velocity	4.98	8.26	9.09	9.43	9.62	9.52	9.52	9.35	9.09	8.77	8.45		6.94	9.52	9.32

FINAL - 2019 National Sports Festival (Hitachinaka, JPN)

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

date	05-Oct-19	time		4.30			6.43				11.94	11.94	11.94	2 / 6		
reaction time	0.127	interval					2.13				5.51			# of strides	4.30	
wind	1.1 m/s	velocity		6.98			3.11				9.07	8.38		54.7	6.98	

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

date	23-Jun-18	time	2.05	3.24	4.34	5.41	6.46	7.52	8.59	9.67	10.79	11.93	11.93	3 / 8			
reaction time	0.145	interval		1.19	1.10	1.07	1.05	1.06	1.07	1.08	1.12	1.14		# of strides	4.34	3.18	3.27
wind	0.8 m/s	velocity	4.88	8.40	9.09	9.35	9.52	9.43	9.35	9.26	8.93	8.77	8.38	55.0	6.91	9.43	9.17

FINAL - 2018 Fuse Sprint (Tottori, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	03-Jun-18	time	2.01	3.19	4.27	5.32	6.35	7.39	8.44	9.50	10.59	11.71	11.71	6 / 6					
reaction time		interval		1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.12		# of strides	4.27	3.12	3.20		
wind	1.8 m/s	velocity	4.98	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.17	8.93	8.54	53.9	7.03	9.62	9.38		
FINAL - 2017 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	2.00	3.18	4.25	5.28	6.30	7.34	8.39	9.45	10.53	11.63	11.63	/ 1					
reaction time	0.120	interval		1.18	1.07	1.03	1.02	1.04	1.05	1.06	1.08	1.10	PB	# of strides	4.25	3.09	3.19		
wind	1.2 m/s	velocity	5.00	8.47	9.35	9.71	9.80	9.62	9.52	9.43	9.26	9.09	8.60	54.6	7.06	9.71	9.40		
Naimova, Tezdzhan (BUL) (1987)														<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
FINAL - 2013 European Indoor Championships (Göteborg, SWE)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	03-Mar-13	time	3.14		5.15		7.10				7.10	3 / 4							
reaction time	0.162	interval			2.01		1.95				DV / -PB	# of strides							
wind		velocity	6.37		9.95		10.26				8.45	30.5							
Nakamura, Mizuki (JPN) (1996)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	23-Jun-18	time	2.07	3.27	4.37	5.43	6.47	7.51	8.56	9.62	10.70	11.80	11.80	2 / 5					
reaction time	0.151	interval		1.20	1.10	1.06	1.04	1.04	1.05	1.06	1.08	1.10		# of strides	4.37	3.14	3.19		
wind	0.8 m/s	velocity	4.83	8.33	9.09	9.43	9.62	9.62	9.52	9.43	9.26	9.09	8.47	51.2	6.86	9.55	9.40		
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	29-Apr-18	time	2.08	3.28	4.38	5.44	6.48	7.51	8.55	9.60	10.67	11.75	11.75	2 / 5					
reaction time		interval		1.20	1.10	1.06	1.04	1.03	1.04	1.05	1.07	1.08		# of strides	4.38	3.13	3.16		
wind	1.3 m/s	velocity	4.81	8.33	9.09	9.43	9.62	9.71	9.62	9.52	9.35	9.26	8.51	50.3	6.85	9.58	9.49		
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	2.06	3.24	4.32	5.36	6.39	7.42	8.46	9.52	10.59	11.68	11.68	/ 3					
reaction time	0.145	interval		1.18	1.08	1.04	1.03	1.03	1.04	1.06	1.07	1.09		# of strides	4.32	3.10	3.17		
wind	0.2 m/s	velocity	4.85	8.47	9.26	9.62	9.71	9.71	9.62	9.43	9.35	9.17	8.56	49.8	6.94	9.68	9.46		
Nakano, Hitomi (JPN) (1990)														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>					
Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	27-Jun-09	time	2.08	3.25	4.33	5.38	6.43	7.48	8.53	9.60	10.70	11.82	11.82	4 / 3					
reaction time		interval		1.17	1.08	1.05	1.05	1.05	1.05	1.07	1.10	1.12		# of strides	4.33	3.15	3.22		
wind	3.0 m/s	velocity	4.81	8.55	9.26	9.52	9.52	9.52	9.35	9.09	8.93	8.46		6.93	9.52	9.32			
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	3.23	4.31	5.34	6.39	7.44	8.51	9.59	10.68	11.83	11.83	5 / 2						
reaction time		interval		1.08	1.03	1.05	1.05	1.07	1.08	1.09	1.15		# of strides	4.31	3.13	3.24			
wind	1.3 m/s	velocity	6.19	9.26	9.71	9.52	9.52	9.35	9.26	9.17	8.70	8.45		6.96	9.58	9.26			
Nakano, Makoto (JPN) (1997)														<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>					
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	30-Jul-15	time	4.33	5.41	6.44	7.53	8.60	9.69	10.81	11.98	11.98	11.98	/ 6						
reaction time		interval		1.08	1.03	1.09	1.07	1.09	1.12	1.17		# of strides	4.33	3.20	3.28				
wind	-1.2 m/s	velocity	6.93	9.26	9.71	9.17	9.35	9.17	8.93	8.55	8.35		6.93	9.38	9.15				
Nakao, Yuri (JPN) (1992)														<i>Abe (2011) - 64th high school championships: JAF scientific committee- biomechanics data</i>					
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	30-Jul-10	time	2.10	3.30	5.53	6.64	7.76	8.91	10.07	11.22	12.44	12.44	5 / 5						
reaction time		interval		1.20	2.23	1.11	1.12	1.15	1.16	1.15	1.22		# of strides			3.38			
wind	-3.2 m/s	velocity	4.76	8.33	8.97	9.01	8.93	8.70	8.62	8.70	8.20	8.04				8.88			
Nana, Lynda (FRA) (1978)														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>					
Heat 1 - 1996 International French Championships (Bercy, FRA)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	10-Feb-96	time	1.99	3.25	4.32	5.38	6.43	7.48			7.48	/ 3							
reaction time		interval		1.26	1.07	1.06	1.05	1.05				# of strides	4.32	3.16					
wind		velocity	5.03	7.94	9.35	9.43	9.52	9.52			8.02		6.94	9.49					
Narita, Shuri (JPN)														<i>Takashima (2023) - national high school sports festival - biomechanics data</i>					
FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	03-Aug-23	time	2.12	3.35	4.48	5.58	6.67	7.78	8.89	10.02	11.16	12.33	12.33	3 / 7					
reaction time	0.204	interval		1.23	1.13	1.10	1.09	1.11	1.11	1.13	1.14	1.17		# of strides	4.48	3.30	3.38		
wind	-2.9 m/s	velocity	4.72	8.13	8.85	9.09	9.17	9.01	9.01	8.85	8.77	8.55	8.11		6.70	9.09	8.88		
Näslund, Sofie (SWE) (1992)														<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>					
D FINAL - 2009 Windsprint (Sundsvall, SWE)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	25-Jul-09	time	4.67				8.36		10.76		13.30	13.30	/ 2						

reaction time		interval		3.69	2.40	2.54	# of strides	4.67	3.69
wind	0.8 m/s	velocity	6.42	8.13	8.33	7.87	7.52	6.42	8.13

Nauru, Hassan (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)															
<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>															
date	04-Oct-19	time	4.51		6.70					12.16	12.16	7 / 2			
reaction time	0.188	interval			2.19					5.46		# of strides	4.51		
wind	-1.8 m/s	velocity	6.65		2.99					9.16	8.22	49.2	6.65		

Neal, Tangela (USA) (1979)

	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	4.27		7.32		9.45			11.70	11.70	4 / 6					
reaction time		interval			3.05		2.13			2.25		# of strides	4.27	3.05			
wind	1.0 m/s	velocity	7.03		9.84		9.39			8.89	8.55	7.03	9.84				
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)																	
<i>USATF Women's Sprint Development with HPC (2008)</i>																	
date	27-Jun-08	time	2.08	3.24	4.27	5.28	6.26	7.30	8.37	9.44	10.54	11.64	11.64	7 / 7			
reaction time		interval		1.16	1.03	1.01	0.98	1.04	1.07	1.07	1.10	1.10		# of strides	4.27	3.03	3.24
wind	2.2 m/s	velocity	4.81	8.62	9.71	9.90	10.20	9.62	9.35	9.35	9.09	9.09	8.59	7.03	9.90	9.26	

Neita, Daryll (GBR) (1996)

	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	2.08	3.22	4.25	5.23	6.21	7.17	8.14	9.12	10.12	11.14	11.14	8 / 4			
reaction time	0.156	interval		1.14	1.03	0.98	0.98	0.96	0.97	0.98	1.00	1.02		# of strides	4.25	2.92	2.95
wind	0.2 m/s	velocity	4.81	8.77	9.71	10.20	10.20	10.42	10.31	10.20	10.00	9.80	8.98	46.0	7.06	10.27	10.17
FINAL - 2024 Weltklasse (Zürich, SUI)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	05-Sep-24	time	2.06	3.20	4.24	5.23	6.20	7.16	8.12	9.10	10.10	11.11	11.11	2 / 7			
reaction time	0.139	interval		1.14	1.04	0.99	0.97	0.96	0.96	0.98	1.00	1.01		# of strides	4.24	2.92	2.94
wind	0.1 m/s	velocity	4.85	8.77	9.62	10.10	10.31	10.42	10.42	10.20	10.00	9.90	9.00	47.0	7.08	10.27	10.20
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	25-Aug-24	time	2.00	3.13	4.16	5.13	6.08	7.05	8.01	8.99	9.99	11.01	11.01	7 / 4			
reaction time	0.134	interval		1.13	1.03	0.97	0.95	0.97	0.96	0.98	1.00	1.02		# of strides	4.16	2.89	2.94
wind	2.9 m/s	velocity	5.00	8.85	9.71	10.31	10.53	10.31	10.42	10.20	10.00	9.80	9.08	46.7	7.21	10.38	10.20
FINAL - 2024 Athletissima (Lausanne, SUI)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	22-Aug-24	time	2.02	3.17	4.21	5.20	6.17	7.15	8.13	9.12	10.13	11.20	11.20	6 / 7			
reaction time	0.129	interval		1.15	1.04	0.99	0.97	0.98	0.98	0.99	1.01	1.07		# of strides	4.21	2.94	2.98
wind	-0.4 m/s	velocity	4.95	8.70	9.62	10.10	10.31	10.20	10.20	10.10	9.90	9.35	8.93	46.2	7.13	10.20	10.07
FINAL - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	03-Aug-24	time	1.98	3.12	4.15	5.11	6.07	7.03	7.99	8.96	9.93	10.96	10.96	8 / 4			
reaction time	0.135	interval		1.14	1.03	0.96	0.96	0.96	0.96	0.97	0.97	1.03		# of strides	4.15	2.88	2.90
wind	-0.1 m/s	velocity	5.05	8.77	9.71	10.42	10.42	10.42	10.42	10.31	10.31	9.71	9.12	46.5	7.23	10.42	10.34
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	03-Aug-24	time	2.01	3.14	4.17	5.15	6.10	7.05	8.02	8.99	9.98	10.97	10.97	4 / 2			
reaction time	0.131	interval		1.13	1.03	0.98	0.95	0.95	0.97	0.97	0.99	0.99		# of strides	4.17	2.88	2.93
wind	0.2 m/s	velocity	4.98	8.85	9.71	10.20	10.53	10.53	10.31	10.31	10.10	10.10	9.12	46.5	7.19	10.42	10.24
Heat 3 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.01	3.15	4.16	5.13	6.09	7.03	7.98	8.95	9.93	10.92	10.92	3 / 1			
reaction time	0.133	interval		1.14	1.01	0.97	0.96	0.94	0.95	0.97	0.98	0.99		# of strides	4.16	2.87	2.90
wind	1.5 m/s	velocity	4.98	8.77	9.90	10.31	10.42	10.64	10.53	10.31	10.20	10.10	9.16	46.2	7.21	10.45	10.34
FINAL - 2024 Prefontaine Classic (Eugene, OR)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	25-May-24	time	2.04	3.18	4.20	5.18	6.14	7.10	8.06	9.03	10.01	11.00	11.00	1 / 4			
reaction time	0.139	interval		1.14	1.02	0.98	0.96	0.96	0.96	0.97	0.98	0.99		# of strides	4.20	2.90	2.91
wind	1.5 m/s	velocity	4.90	8.77	9.80	10.20	10.42	10.42	10.42	10.31	10.20	10.10	9.09	46.0	7.14	10.34	10.31
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	10-May-24	time	2.03	3.17	4.19	5.17	6.12	7.08	8.03	9.00	9.98	10.98	10.98	4 / 1			
reaction time	0.147	interval		1.14	1.02	0.98	0.95	0.96	0.95	0.97	0.98	1.00		# of strides	4.19	2.89	2.90
wind	2.0 m/s	velocity	4.93	8.77	9.80	10.20	10.53	10.42	10.53	10.31	10.20	10.00	9.11	46.5	7.16	10.38	10.34
FINAL - 2023 London Athletics Meet (London, GBR)																	
<i>Omega Timing (2023) - diamond league race analysis</i>																	
date	23-Jul-23	time	2.02	3.14	4.16	5.13	6.09	7.04	8.00	8.97	9.95	10.96	10.96	6 / 4			
reaction time	0.144	interval		1.12	1.02	0.97	0.96	0.95	0.96	0.97	0.98	1.01		# of strides	4.16	2.88	2.91
wind	1.2 m/s	velocity	4.95	8.93	9.80	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.12	47.7	7.21	10.42	10.31

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

date	16-Jul-23	time	1.99	3.12	4.15	5.13	6.08	7.04	8.01	8.98	9.97	11.01	11.01	7 / 5			
reaction time	0.141	interval		1.13	1.03	0.98	0.95	0.96	0.97	0.97	0.99	1.04		# of strides	4.15	2.89	2.93
wind	0.2 m/s	velocity	5.03	8.85	9.71	10.20	10.53	10.42	10.31	10.31	10.10	9.62	9.08	47.7	7.23	10.38	10.24

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 Athletissima (Lausanne, SUI)

date	30-Jun-23	time	2.02	3.16	4.18	5.17	6.14	7.10	8.07	9.05	10.04	11.07	11.07	3 / 2			
reaction time	0.135	interval		1.14	1.02	0.99	0.97	0.96	0.97	0.98	0.99	1.03		# of strides	4.18	2.92	2.94
wind	-0.8 m/s	velocity	4.95	8.77	9.80	10.10	10.31	10.42	10.31	10.20	10.10	9.71	9.03	48.0	7.18	10.27	10.20

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 FBK Games (Hengelo, NED)

date	04-Jun-23	time	2.09	3.22	4.24	5.21	6.17	7.12	8.08	9.04	10.03	11.05	11.05	4 / 1			
reaction time		interval		1.13	1.02	0.97	0.96	0.95	0.96	0.96	0.99	1.02		# of strides	4.24	2.88	2.91
wind	-0.1 m/s	velocity	4.78	8.85	9.80	10.31	10.42	10.53	10.42	10.42	10.10	9.80	9.05	47.7	7.08	10.42	10.31

Omega Timing (2023) - continental tour race analysis

FINAL - 2022 Weltklasse (Zürich, SUI)

date	08-Sep-22	time		3.19		5.19		7.11		9.03		11.02	11.02	8 / 4			
reaction time	0.167	interval				2.00		1.92		1.92		1.99		# of strides			
wind	-0.8 m/s	velocity		6.27		10.00		10.42		10.42		10.05	9.07	48.0			

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)

date	10-Aug-22	time		3.23		5.19		7.08		8.97		10.91	10.91	8 / 6			
reaction time	0.176	interval				1.96		1.89		1.89		1.94		# of strides			
wind	0.4 m/s	velocity		6.19		10.20		10.58		10.58		10.31	9.17	47.0			

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

date	03-Aug-22	time		3.1		5.1		7.1		9.0		11.07	11.07	5 / 3			
reaction time	0.148	interval				2.00		2.00		1.90		2.07		# of strides			
wind	0.4 m/s	velocity		6.45		10.00		10.00		10.53		9.66	9.03	47.5			

Longines Timing (2022) - commonwealth games race analysis

FINAL - 2022 Meeting de Paris (Paris, FRA)

date	18-Jun-22	time		3.16		5.14		7.06		8.99		10.99	10.99	7 / 2			
reaction time	0.145	interval				1.98		1.92		1.93		2.00		# of strides			
wind	0.5 m/s	velocity		6.33		10.10		10.42		10.36		10.00	9.10	47.5			

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 FBK Games (Hengelo, NED)

date	06-Jun-22	time		3.1		5.2		7.1		9.1		11.19	11.19	6 / 1			
reaction time	0.141	interval				2.10		1.90		2.00		2.09		# of strides			
wind	0.8 m/s	velocity		6.45		9.52		10.53		10.00		9.57	8.94	48.0			

Omega Timing (2022) - continental tour race analysis

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)

date	21-May-22	time		3.13		5.16		7.14		9.16		11.25	11.25	7 / 4			
reaction time	0.141	interval				2.03		1.98		2.02		2.09		# of strides			
wind	-0.1 m/s	velocity		6.39		9.85		10.10		9.90		9.57	8.89	51.7			

Omega Timing (2022) - diamond league race analysis

FINAL - 2021 Weltklasse (Zürich, SUI)

date	09-Sep-21	time		3.2		5.2		7.1		9.0		10.93	10.93	8 / 4			
reaction time	0.117	interval				2.00		1.90		1.90		1.93	PB	# of strides			
wind	0.6 m/s	velocity		6.25		10.00		10.53		10.53		10.36	9.15	48.0			

Omega Timing (2021) - diamond league race analysis

FINAL - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time		3.2		5.2		7.1		9.0		10.96	10.96	8 / 5			
reaction time	0.137	interval				2.00		1.90		1.90		1.96	=PB	# of strides			
wind	1.7 m/s	velocity		6.25		10.00		10.53		10.53		10.20	9.12	47.7			

Omega Timing (2021) - diamond league race analysis

FINAL - 2020 Olympic Games (Tokyo, JPN)

date	31-Jul-21	time			4.20			7.11		9.10		11.12	11.12	2 / 8			
reaction time	0.108	interval						2.91		4.01		2.02		# of strides	4.20	2.91	
wind	-0.6 m/s	velocity			7.14			10.31		4.99		9.90	8.99	48.0	7.14	10.31	

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

FINAL - 2019 The Match - Europe v USA (Minsk, BLR)

date	09-Sep-19	time					6.23					11.29	11.29	7 / 1			
reaction time	0.148	interval										5.06		# of strides			
wind	-0.8 m/s	velocity					8.03					9.88	8.86	49.0			

European Athletics (2019) - race analysis

Nelson, Ashleigh (GBR) (1991)

C FINAL - 2009 ISTAF (Berlin, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
date	14-Jun-09	time		3.24	4.27	5.27		7.25		9.28		11.36	11.36	/ 2		
reaction time	0.247	interval			1.03	1.00		1.98		2.03		2.08	PB	# of strides	4.27	2.98
wind	0.9 m/s	velocity		6.17	9.71	10.00		10.10		9.85		9.62	8.80		7.03	10.07

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nesbitt, Amberly (USA) (1986)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA)													USATF Women's Sprint Development (2005)				
date	23-Jun-05	time	2.10	3.25	4.31	5.36	6.37	7.41	8.43	9.51	10.58	11.67	11.67	6 / 2			
reaction time		interval		1.15	1.06	1.05	1.01	1.04	1.02	1.08	1.07	1.09		# of strides	4.31	3.10	3.17
wind	-1.1 m/s	velocity	4.76	8.70	9.43	9.52	9.90	9.62	9.80	9.26	9.35	9.17	8.57		6.96	9.68	9.46
Nestoret, Maguy (FRA) (1969)																	
FINAL - 1991 European Cup (Frankfurt, GER)													Federle (2003) - http://www.fgs.uni-halle.de				
date	29-Jun-91	time			4.30			7.47		9.60		11.78	11.78	/ 5			
reaction time		interval					3.17		2.13		2.18			# of strides	4.30	3.17	
wind	-2.7 m/s	velocity			6.98		9.46		9.39		9.17	8.49			6.98	9.46	
Ngoye, Natacha (CGO) (1993)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)													Paris 2024 Olympic Games - Results Book (2024)				
date	02-Aug-24	time	1.83	2.97	4.01	5.00	5.98	6.98	7.98	9.00	10.04	11.34	11.34	4 / 1			
reaction time	0.174	interval		1.14	1.04	0.99	0.98	1.00	1.00	1.02	1.04	1.30		# of strides	4.01	2.97	3.06
wind	0.0 m/s	velocity	5.46	8.77	9.62	10.10	10.20	10.00	10.00	9.80	9.62	7.69	8.82	49.5	7.48	10.10	9.80
Niculae, Erica (ROU) (1973)																	
FINAL - 1997 European Cup (Munich, GER)													Jung (2003) - http://www.fgs.uni-halle.de				
date	21-Jun-97	time	2.13		4.41		7.56		9.70		11.89	11.89	/ 8				
reaction time		interval			2.28		3.15		2.14		2.19			# of strides	4.41	3.15	
wind	0.6 m/s	velocity	4.69		4.54		9.52		9.35		9.13	8.41			6.80	9.52	
Nikamo, Karolina (SWE) (1995)																	
A FINAL - 2016 Windsprint (Sundsvall, SWE)													(2016) - www.windsprint/Splittider/				
date	31-Jul-16	time		4.52			7.71				12.04	12.04	8 / 4				
reaction time		interval				3.19				4.33				# of strides	4.52	3.19	
wind	2.0 m/s	velocity		6.64		9.40				9.24	8.31				6.64	9.40	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)													(2016) - www.windsprint/Splittider/				
date	31-Jul-16	time		4.45			7.71				12.24	12.24	7 / 8				
reaction time		interval				3.26				4.53				# of strides	4.45	3.26	
wind	-0.3 m/s	velocity		6.74		9.20				8.83	8.17				6.74	9.20	
A FINAL - 2014 Windsprint (Sundsvall, SWE)													(2014) - www.ssg.se/windsprint/Splittider/				
date	20-Jul-14	time		4.47			7.65		9.82		12.07	12.07	8 / 8				
reaction time		interval				3.18		2.17		2.25				# of strides	4.47	3.18	
wind	1.2 m/s	velocity		6.71		9.43		9.22		8.89	8.29				6.71	9.43	
C FINAL - 2013 Windsprint (Sundsvall, SWE)													(2013) - www.ssg.se/windsprint/Splittider/				
date	28-Jul-13	time		4.43			7.61		9.83		12.13	12.13	3 / 2				
reaction time		interval				3.18		2.22		2.30				# of strides	4.43	3.18	
wind	-0.1 m/s	velocity		6.77		9.43		9.01		8.70	8.24				6.77	9.43	
C FINAL - 2012 Windsprint (Sundsvall, SWE)													(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx				
date	17-Jun-12	time		4.53			7.84		10.07		12.41	12.41	/ 4				
reaction time		interval				3.31		2.23		2.34				# of strides	4.53	3.31	
wind	0.6 m/s	velocity		6.62		9.06		8.97		8.55	8.06				6.62	9.06	
Nilsson, Evelina (SWE) (1994)																	
B FINAL - 2017 Windsprint (Sundsvall, SWE)													(2017) - www.windsprint/Splittider/				
date	30-Jul-17	time		4.64			6.89	8.02	10.27		12.71	12.71	7 / 5				
reaction time		interval				2.25	1.13		2.25	2.44				# of strides	4.64	3.38	
wind	1.6 m/s	velocity		6.47		8.89	8.85		8.89	8.20	7.87				6.47	8.88	
C FINAL - 2015 Windsprint (Sundsvall, SWE)													(2015) - www.windsprint/Splittider/				
date	26-Jul-15	time		4.46			7.72		9.94		12.24	12.24	2 / 1				
reaction time		interval				3.26		2.22		2.30				# of strides	4.46	3.26	
wind	0.1 m/s	velocity		6.73		9.20		9.01		8.70	8.17				6.73	9.20	
C FINAL - 2014 Windsprint (Sundsvall, SWE)													(2014) - www.ssg.se/windsprint/Splittider/				
date	20-Jul-14	time		4.65			7.99		10.29		12.63	12.63	8 / 6				
reaction time		interval				3.34		2.30		2.34				# of strides	4.65	3.34	
wind	0.7 m/s	velocity		6.45		8.98		8.70		8.55	7.92				6.45	8.98	
C FINAL - 2012 Windsprint (Sundsvall, SWE)													(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx				
date	17-Jun-12	time		4.53			7.82		10.04		12.35	12.35	/ 3				
reaction time		interval				3.29		2.22		2.31				# of strides	4.53	3.29	
wind	0.6 m/s	velocity		6.62		9.12		9.01		8.66	8.10				6.62	9.12	

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Nilsson, Pernilla (SWE) (1992)																	
FINAL - 2012 Windsprint (Sundsvall, SWE)																	
date	17-Jun-12	time			4.45		7.61		9.74		11.98	11.98		2 / 7			
reaction time		interval					3.16		2.13		2.24		# of strides	4.45	3.16		
wind	1.0 m/s	velocity			6.74		9.49		9.39		8.93	8.35		6.74	9.49		
Nilsson, Rebecca (SWE) (1993)																	
B FINAL - 2010 Windsprint (Sundsvall, SWE)																	
date	08-Aug-10	time			4.69		8.03		10.28		12.66	12.66		/ 8			
reaction time		interval					3.34		2.25		2.38		# of strides	4.69	3.34		
wind	2.2 m/s	velocity			6.40		8.98		8.89		8.40	7.90		6.40	8.98		
Niščáková, Veronika (CZE) (1997)																	
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time			3.55		5.95		8.28		10.67	13.12	13.12	2 / 4			
reaction time	0.220	interval					2.40		2.33		2.39		# of strides				
wind	-1.7 m/s	velocity			5.63		8.33		8.58		8.37	8.16	7.62				
Nishio, Kaho (JPN) (1997)																	
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)																	
date	23-Jun-18	time	2.04	3.23	4.33	5.39	6.43	7.48	8.54	9.62	10.72	11.86	11.86	8 / 7			
reaction time	0.155	interval		1.19	1.10	1.06	1.04	1.05	1.06	1.08	1.10	1.14		# of strides	4.33	3.15	3.24
wind	0.8 m/s	velocity	4.90	8.40	9.09	9.43	9.62	9.52	9.43	9.26	9.09	8.77	8.43	53.5	6.93	9.52	9.26
FINAL - 2018 Fuse Sprint (Tottori, JPN)																	
date	03-Jun-18	time	2.03	3.22	4.31	5.35	6.38	7.41	8.45	9.51	10.59	11.69	11.69	2 / 5			
reaction time		interval		1.19	1.09	1.04	1.03	1.03	1.04	1.06	1.08	1.10		# of strides	4.31	3.10	3.18
wind	1.8 m/s	velocity	4.93	8.40	9.17	9.62	9.71	9.71	9.62	9.43	9.26	9.09	8.55	52.9	6.96	9.68	9.43
B FINAL - 2017 Mikio Oda Memorial (Hiroshima, JPN)																	
date	29-Apr-17	time	2.05	3.24	4.32	5.38	6.42	7.47	8.53	9.60	10.68	11.79	11.79	/ 2			
reaction time		interval		1.19	1.08	1.06	1.04	1.05	1.06	1.07	1.08	1.11		# of strides	4.32	3.15	3.21
wind	2.0 m/s	velocity	4.88	8.40	9.26	9.43	9.62	9.52	9.43	9.35	9.26	9.01	8.48	53.6	6.94	9.52	9.35
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)																	
date	30-Jul-15	time			4.38	5.44	6.48	7.55	8.61	9.69	10.78	11.91	11.91	/ 3			
reaction time		interval				1.06	1.04	1.07	1.06	1.08	1.09	1.13		# of strides	4.38	3.17	3.23
wind	-1.2 m/s	velocity			6.85	9.43	9.62	9.35	9.43	9.26	9.17	8.85	8.40		6.85	9.46	9.29
Nkansa, Delphine (BEL) (2001)																	
Heat A - 2024 Weltklasse (Zürich, SUI)																	
date	05-Sep-24	time	2.03	3.20	4.25	5.26	6.27	7.27	8.27	9.28	10.31	11.40	11.40	7 / 4			
reaction time	0.141	interval		1.17	1.05	1.01	1.01	1.00	1.00	1.01	1.03	1.09		# of strides	4.25	3.02	3.04
wind	-0.3 m/s	velocity	4.93	8.55	9.52	9.90	9.90	10.00	10.00	9.90	9.71	9.17	8.77		7.06	9.93	9.87
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	2.02	3.18	4.23	5.23	6.23	7.22	8.20	9.21	10.23	11.28	11.28	9 / 7			
reaction time	0.140	interval		1.16	1.05	1.00	1.00	0.99	0.98	1.01	1.02	1.05		# of strides	4.23	2.99	3.01
wind	0.2 m/s	velocity	4.95	8.62	9.52	10.00	10.00	10.10	10.20	9.90	9.80	9.52	8.87	50.7	7.09	10.03	9.97
Heat 7 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.04	3.18	4.23	5.23	6.22	7.19	8.18	9.17	10.17	11.20	11.20	6 / 3			
reaction time	0.142	interval		1.14	1.05	1.00	0.99	0.97	0.99	0.99	1.00	1.03	=PB	# of strides	4.23	2.96	2.98
wind	-0.2 m/s	velocity	4.90	8.77	9.52	10.00	10.10	10.31	10.10	10.10	10.00	9.71	8.93	50.7	7.09	10.14	10.07
FINAL - 2023 FBK Games (Hengelo, NED)																	
date	04-Jun-23	time	2.03	3.18	4.23	5.23	6.22	7.22	8.22	9.22	10.25	11.32	11.32	1 / 7			
reaction time		interval		1.15	1.05	1.00	0.99	1.00	1.00	1.00	1.03	1.07		# of strides	4.23	2.99	3.03
wind	-0.1 m/s	velocity	4.93	8.70	9.52	10.00	10.10	10.00	10.00	10.00	9.71	9.35	8.83	51.0	7.09	10.03	9.90
FINAL - 2022 Memorial van Damme (Brussels, BEL)																	
date	02-Sep-22	time		3.21		5.26		7.23		9.23		11.29	11.29	8 / 8			
reaction time	0.135	interval				2.05		1.97		2.00		2.06		# of strides			
wind	0.6 m/s	velocity		6.23		9.76		10.15		10.00		9.71	8.86	51.2			
Nku, Mercy (NGR) (1976)																	
FINAL - 2001 ISTAF (Berlin, GER)																	
date	31-Aug-01	time		3.17	4.20	5.20		7.14		9.12		11.16	11.16	/ 2			
reaction time	0.159	interval			1.03	1.00		1.94		1.98		2.04		# of strides	4.20	2.94	
wind	0.5 m/s	velocity		6.31	9.71	10.00		10.31		10.10		9.80	8.96		7.14	10.20	

FINAL - 1999 IAAF World Championships (Sevilla, ESP)

date	22-Aug-99	time	1.85	2.96	3.99	4.99	5.96	6.93	7.93	8.94	9.96	11.01	11.16	8 / 8			
reaction time	0.152	interval		1.11	1.03	1.00	0.97	0.97	1.00	1.01	1.02	1.05		# of strides	3.99	2.94	3.03
wind	-0.1 m/s	velocity	5.41	9.01	9.71	10.00	10.31	10.31	10.00	9.90	9.80	9.52	8.96		7.52	10.20	9.90

*Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999***Nobuoka, Sakie (JPN) (1977)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 2 - 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	2.13	3.30	4.38	5.43	6.46	7.49	8.53	9.58	10.65	11.73	11.73	/ 1			
reaction time		interval		1.17	1.08	1.05	1.03	1.03	1.04	1.05	1.07	1.08		# of strides	4.38	3.11	3.16
wind	1.7 m/s	velocity	4.69	8.55	9.26	9.52	9.71	9.71	9.62	9.52	9.35	9.26	8.53		6.85	9.65	9.49

FINAL - 2008 Osaka Grand Prix (Osaka, JPN)

date	10-May-08	time	2.10	3.28	4.36	5.41	6.44	7.48	8.52	9.58	10.66	11.76	11.76	7 / 5			
reaction time		interval		1.18	1.08	1.05	1.03	1.04	1.04	1.06	1.08	1.10		# of strides	4.36	3.12	3.18
wind	1.2 m/s	velocity	4.76	8.47	9.26	9.52	9.71	9.62	9.62	9.43	9.26	9.09	8.50		6.88	9.62	9.43

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***FINAL - 2007 Japanese National Championships (Osaka, JPN)**

date	30-Jun-07	time	2.08	3.28	4.35	5.40	6.44	7.49	8.54	9.62	10.71	11.82	11.82	/ 3			
reaction time		interval		1.20	1.07	1.05	1.04	1.05	1.05	1.08	1.09	1.11		# of strides	4.35	3.14	3.22
wind	0.0 m/s	velocity	4.81	8.33	9.35	9.52	9.62	9.52	9.52	9.26	9.17	9.01	8.46		6.90	9.55	9.32

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

date	05-May-07	time	2.08	3.24	4.30	5.33	6.35	7.38	8.42	9.48	10.56	11.66	11.66	/ 6			
reaction time		interval		1.16	1.06	1.03	1.02	1.03	1.04	1.06	1.08	1.10		# of strides	4.30	3.08	3.18
wind	0.7 m/s	velocity	4.81	8.62	9.43	9.71	9.80	9.71	9.62	9.43	9.26	9.09	8.58		6.98	9.74	9.43

*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles***FINAL - 2006 Osaka Grand Prix (Osaka, JPN)**

date	06-May-06	time	2.09	3.24	4.30	5.33	6.34	7.36	8.37	9.41	10.46	11.53	11.53	/ 5			
reaction time		interval		1.15	1.06	1.03	1.01	1.02	1.01	1.04	1.05	1.07		# of strides	4.30	3.06	3.10
wind	2.6 m/s	velocity	4.78	8.70	9.43	9.71	9.90	9.80	9.90	9.62	9.52	9.35	8.67		6.98	9.80	9.68

*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system***Nogabayashi, Yumi (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	2.14	3.33	4.42	5.48	6.53	7.57	8.64	9.71	10.82	11.93	11.93	/ 2			
reaction time		interval		1.19	1.09	1.06	1.05	1.04	1.07	1.07	1.11	1.11		# of strides	4.42	3.15	3.25
wind	-0.5 m/s	velocity	4.67	8.40	9.17	9.43	9.52	9.62	9.35	9.35	9.01	9.01	8.38		6.79	9.52	9.23

FINAL - 2012 Japanese National High School Championships (Niigata, JPN)

date	30-Jul-12	time		6.49		7.52	8.57	9.64	10.72	11.85	11.85		4 / 1			
reaction time		interval				1.03	1.05	1.07	1.08	1.13			# of strides			3.20
wind	-0.3 m/s	velocity		7.70		9.71	9.52	9.35	9.26	8.85	8.44					9.38

*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics***FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)**

date	04-Aug-11	time		6.59		7.65	8.70	9.78	10.91	12.05	12.05		9 / 4			
reaction time		interval				1.06	1.05	1.08	1.13	1.14			# of strides			3.26
wind	-1.0 m/s	velocity		7.59		9.43	9.52	9.26	8.85	8.77	8.30					9.20

*Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics***Noumura, Runa (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	2.05	3.24	4.34	5.41	6.48	7.56	8.66	9.77	10.92	12.08	12.08	9 / 5				
reaction time	0.128	interval		1.19	1.10	1.07	1.07	1.08	1.10	1.11	1.15	1.16		# of strides	4.34	3.22	3.36	
wind	-0.6 m/s	velocity	4.88	8.40	9.09	9.35	9.35	9.26	9.09	9.01	8.70	8.62	8.28		58.0	6.91	9.32	8.93

*Kishima (2022) - national high school championships biomechanics data collection***Novosadová, Jana (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)	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>															
date	28-Jun-14	time		3.59		5.92		8.21		10.53		12.90	12.90	2 / 7		
reaction time	0.169	interval				2.33		2.29		2.32		2.37		# of strides		
wind	-1.4 m/s	velocity		5.57		8.58		8.73		8.62		8.44	7.75			

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Novotná, Lenka (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		3.58		5.93		8.28		10.67		13.14	13.14	2 / 5		
reaction time	0.183	interval				2.35		2.35		2.39		2.47		# of strides		
wind	-4.3 m/s	velocity		5.59		8.51		8.51		8.37		8.10	7.61			

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Nuneva, Anelia (BUL) (1962)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1992 Olympic Games (Barcelona, ESP)	<i>Arnold (1992) - 1992 Olympic report: 100m men</i>															
date	01-Aug-92	time		3.14		5.13		7.09		9.09		11.10	11.10	7 / 6		
reaction time	0.134	interval				1.99		1.96		2.00		2.01		# of strides		
wind	-1.0 m/s	velocity		6.37		10.05		10.20		10.00		9.95	9.01		50.5	

Arnold (1992) - 1992 Olympic report: 100m men

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

date	29-Jun-91	time	4.27	7.40	9.55	11.74	11.74	/ 3
reaction time		interval		3.13	2.15	2.19	# of strides	4.27 3.13
wind	-2.7 m/s	velocity	7.03	9.58	9.30	9.13	8.52	7.03 9.58

FINAL - 1988 Olympic Games (Seoul, KOR)

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

date	25-Sep-88	time	2.00	3.09	4.09	5.05	6.01	6.96	7.90	11.49	11.49	4 / 8	
reaction time	0.140	interval	1.09	1.00	0.96	0.96	0.95	0.94		3.59		# of strides	4.09 2.87
wind	3.0 m/s	velocity	5.00	9.17	10.00	10.42	10.42	10.53	10.64	8.36	8.70		7.33 10.45

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)

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

date	25-Sep-88	time	2.05	3.12	4.17	5.14	6.10	7.04	8.01	9.00	9.99	11.00	11.00	3 / 2	
reaction time	0.165	interval	1.07	1.05	0.97	0.96	0.94	0.97	0.99	0.99	1.01		# of strides	4.17 2.87 2.95	
wind	0.5 m/s	velocity	4.88	9.35	9.52	10.31	10.42	10.64	10.31	10.10	10.10	9.90	9.09		7.19 10.45 10.17

FINAL - 1987 IAAF World Championships (Rome, ITA) Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes

date	30-Aug-87	time	2.01	3.12	4.15	5.14	6.10	7.06	8.01	9.01	10.05	11.09	11.09	7 / 5	
reaction time	0.169	interval		1.11	1.03	0.99	0.96	0.96	0.95	1.00	1.04	1.04		# of strides	4.15 2.91 2.99
wind	-0.5 m/s	velocity	4.98	9.01	9.71	10.10	10.42	10.42	10.53	10.00	9.62	9.62	9.02		50.5 7.23 10.31 10.03

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	4.18					7.05		11.01	11.01	5 / 2		
reaction time		interval						2.87		3.96		# of strides	4.18 2.87	
wind	0.7 m/s	velocity						7.18		10.45	10.10	9.08		50.0 7.18 10.45

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	4.23					7.23		11.29	11.29	3 / 2		
reaction time		interval						3.00		4.06		# of strides	4.23 3.00	
wind	-0.3 m/s	velocity						7.09		10.00		9.85	8.86	51.0 7.09 10.00

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	4.20					7.18		11.37	11.37	1 / 1		
reaction time		interval						2.98		4.19		# of strides	4.20 2.98	
wind	-0.6 m/s	velocity						7.14		10.07		9.55	8.80	7.14 10.07

FINAL - 1987 European Cup (Prague, TCH)

Sušanka (1987) - hints on computer processing of biomechanical data

date	28-Jun-87	time	2.03	3.16	4.15	5.12	6.08	7.05	8.04	9.06	10.07	11.08	11.08	3 / 2	
reaction time		interval		1.13	0.99	0.97	0.96	0.97	0.99	1.02	1.01	1.01		# of strides	4.15 2.90 3.02
wind	-0.4 m/s	velocity	4.93	8.85	10.10	10.31	10.42	10.31	10.10	9.80	9.90	9.90	9.03		50.9 7.23 10.34 9.93

FINAL - 1987 Snamenski Memorial (Moscow, URS)

Levchenko (1990) - questions and answers about women's sprinting

date	07-Jun-87	time	3.79					6.69		8.62		10.58	10.92	1 / 1	
reaction time		interval						2.90		1.93		1.96	NR	# of strides	3.79 2.90
wind	-0.6 m/s	velocity						7.92		10.34		10.36	10.20	9.16	50.0 7.92 10.34

FINAL - 1986 Goodwill Games (Moscow, URS)

Levchenko (1990) - questions and answers about women's sprinting

date	08-Jun-83	time	3.94					6.99		9.00		11.07	11.40	1 / 7	
reaction time		interval						3.05		2.01		2.07		# of strides	3.94 3.05
wind	0.2 m/s	velocity						7.61		9.84		9.95	9.66	8.77	52.5 7.61 9.84

Nwokocha, Grace (NGR) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Commonwealth Games (Birmingham, GBR)															
date	03-Aug-22	time	3.1	5.1	7.1	9.0	11.18	11.18	8 / 5						
reaction time	0.147	interval		2.00	2.00	1.90	2.18		# of strides						
wind	0.4 m/s	velocity	6.45	10.00	10.00	10.53	9.17	8.94	49.0						

Nyhlén, Ulrika (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)															
date	31-Jul-11	time	4.64			8.04	10.38	12.84	12.84	2 / 7					
reaction time		interval				3.40	2.34	2.46		# of strides					
wind	1.2 m/s	velocity	6.47			8.82	8.55	8.13	7.79		6.47	8.82			

Obi, Mana (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	3.31	4.43	5.49	6.56	7.63	8.72	9.82	10.93	12.10	12.10	1 / 7		
reaction time		interval		1.12	1.06	1.07	1.07	1.09	1.10	1.11	1.17		# of strides		
wind	1.3 m/s	velocity	6.04	8.93	9.43	9.35	9.35	9.17	9.09	9.01	8.55	8.26		4.43 3.20 3.30	6.77 9.38 9.09

Odesjö, Amanda (SWE) (1994)

	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)															
date	31-Jul-11	time	4.64			7.97	10.20	12.54	12.54	8 / 4					

reaction time		interval						3.33	2.23	2.34		# of strides	4.64	3.33					
wind	1.2 m/s	velocity		6.47				9.01	8.97	8.55	7.97		6.47	9.01					
Odiong, Ofonime (BRN) (1997)	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)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>								
date	26-Aug-18	time	2.07	3.21	4.25	5.25	6.23	7.22	8.22	9.23	10.25	11.30	11.30	4 / 1					
reaction time	0.151	interval		1.14	1.04	1.00	0.98	0.99	1.00	1.01	1.02	1.05	PB	# of strides	4.25	2.97	3.03		
wind	0.3 m/s	velocity	4.83	8.77	9.62	10.00	10.20	10.10	10.00	9.90	9.80	9.52	8.85	49.6	7.06	10.10	9.90		
Odložilová, Barbora (CZE) (1993)	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	3.58	5.90	8.20	10.61	13.06	13.06	13.06	13.06	13.06	13.06	13.06	1 / 8					
reaction time	0.165	interval		2.32	2.30	2.41	2.45	2.45	2.45	2.45	2.45	2.45	2.45	# of strides					
wind	-1.3 m/s	velocity	5.59	8.62	8.70	8.30	8.16	7.66	7.66	7.66	7.66	7.66	7.66						
Oga, Haruka (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	2.11	3.29	4.38	5.44	6.50	7.57	8.65	9.76	10.89	12.05	12.05	1 / 7					
reaction time		interval		1.18	1.09	1.06	1.06	1.07	1.08	1.11	1.13	1.16	1.16	# of strides	4.38	3.19	3.32		
wind	-0.5 m/s	velocity	4.74	8.47	9.17	9.43	9.43	9.35	9.26	9.01	8.85	8.62	8.30	6.85	9.40	9.04			
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		6.54	7.59	8.66	9.75	10.86	12.01	12.01	12.01	12.01	12.01	5 / 2					
reaction time		interval			1.05	1.07	1.09	1.11	1.15	1.15	1.15	1.15	1.15	# of strides				3.27	
wind	-0.3 m/s	velocity		7.65	9.52	9.35	9.17	9.01	8.70	8.33	8.33	8.33	8.33					9.17	
Ojokolo, Endurance (NGR) (1975)	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	3.22	4.24	5.22	7.18	9.19	11.26	11.26	11.26	11.26	11.26	11.26	1 / 4	3				
reaction time	0.161	interval		1.02	0.98	1.96	2.01	2.07	2.07	2.07	2.07	2.07	2.07	# of strides	4.24	2.94			
wind	0.5 m/s	velocity	6.21	9.80	10.20	10.20	9.95	9.66	8.88	8.88	8.88	8.88	8.88	7.08	10.20				
Okabe, Nao (JPN) (1988)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Heat 1 - 2012 Miki 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	2.00	3.17	4.23	5.26	6.28	7.31	8.34	9.42	10.54	11.69	11.69	3 / 3					
reaction time		interval		1.17	1.06	1.03	1.02	1.03	1.03	1.08	1.12	1.15	1.15	# of strides	4.23	3.08	3.23		
wind	0.6 m/s	velocity	5.00	8.55	9.43	9.71	9.80	9.71	9.71	9.26	8.93	8.70	8.55	51.0	7.09	9.74	9.29		
Heat 2 - 2011 Asian Championships (Kobe, JPN)											<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>								
date	07-Jul-11	time	2.08	3.24	4.31	5.35	6.38	7.40	8.43	9.48	10.55	11.63	11.64	1 / 2					
reaction time	0.148	interval		1.16	1.07	1.04	1.03	1.02	1.03	1.05	1.07	1.08	1.08	# of strides	4.31	3.09	3.15		
wind	1.0 m/s	velocity	4.81	8.62	9.35	9.62	9.71	9.80	9.71	9.52	9.35	9.26	8.59	51.0	6.96	9.71	9.52		
Heat 3 - 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	2.03	3.20	4.28	5.33	6.38	7.43	8.49	9.58	10.69	11.83	11.83	3 / 3					
reaction time		interval		1.17	1.08	1.05	1.05	1.05	1.06	1.09	1.11	1.14	1.14	# of strides	4.28	3.15	3.26		
wind	2.1 m/s	velocity	4.93	8.55	9.26	9.52	9.52	9.52	9.43	9.17	9.01	8.77	8.45	7.01	9.52	9.20			
Okada, Midori (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	2.13	3.37	4.50	5.59	6.67	7.76	8.85	9.97	11.10	12.26	12.26	6 / 6					
reaction time	0.194	interval		1.24	1.13	1.09	1.08	1.09	1.09	1.12	1.13	1.16	1.16	# of strides	4.50	3.26	3.34		
wind	-2.9 m/s	velocity	4.69	8.06	8.85	9.17	9.26	9.17	9.17	8.93	8.85	8.62	8.16	6.67	9.20	8.98			
Okagbare, Blessing (NGR) (1988)	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	5.2	7.1	9.0	10.90	10.90	10.90	10.90	10.90	10.90	10.90	3 / 2					
reaction time	0.130	interval		2.00	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	1.90	# of strides					
wind	1.1 m/s	velocity	6.25	10.00	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53	47.0					
FINAL - 2019 Memorial van Damme (Brussels, BEL)											<i>Omega Timing (2019) - diamond league race analysis</i>								
date	06-Sep-19	time	3.3	5.3	7.3	9.2	11.24	11.24	11.24	11.24	11.24	11.24	11.24	7 / 5					
reaction time	0.153	interval		2.0	2.0	1.9	2.04	2.04	2.04	2.04	2.04	2.04	2.04	# of strides					
wind	-0.3 m/s	velocity	6.06	10.00	10.00	10.53	10.53	10.53	10.53	10.53	10.53	10.53	10.53	47.7					
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	2.11	3.24	4.27	5.27	6.25	7.23	8.23	9.24	10.26	11.30	11.30	7 / 2					
reaction time		interval		1.13	1.03	1.00	0.98	0.98	1.00	1.01	1.02	1.04	1.04	# of strides	4.27	2.96	3.03		
wind	-1.7 m/s	velocity	4.74	8.85	9.71	10.00	10.20	10.20	10.00	9.90	9.80	9.62	8.85	48.5	7.03	10.14	9.90		
FINAL - 2011 IAAF World Championships (Daegu, KOR)											<i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>								

date	09-Sep-21	time	3.1	5.1	7.0	9.0	11.02	11.02	2 / 6
reaction time	0.134	interval		2.00	1.90	2.00	2.02		# of strides
wind	0.6 m/s	velocity	6.45	10.00	10.53	10.00	9.90	9.07	50.0
FINAL - 2021 Prefontaine Classic (Eugene, OR)									
date	21-Aug-21	time	3.1	5.1	7.0	9.0	10.96	10.96	2 / 6
reaction time	0.147	interval		2.00	1.90	2.00	1.96	=PB	# of strides
wind	0.9 m/s	velocity	6.45	10.00	10.53	10.00	10.20	9.12	50.0
FINAL - 2021 Doha Diamond League (Doha, QAT)									
date	28-May-21	time	3.1	5.1	7.1	9.0	11.03	11.03	6 / 3
reaction time	0.134	interval		2.00	2.00	1.90	2.03		# of strides
wind	1.1 m/s	velocity	6.45	10.00	10.00	10.53	9.85	9.07	50.0
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)									
date	23-May-21	time	2.9	5.0	7.1	9.2	11.64	11.64	7 / 4
reaction time	0.143	interval		2.10	2.10	2.10	2.44		# of strides
wind	-4.2 m/s	velocity	6.90	9.52	9.52	9.52	8.20	8.59	52.5
FINAL - 2020 Millrose Games (New York, NY)									
date	08-Feb-20	time	2.13	3.21	4.21	5.20	6.16	7.13	7.13
reaction time	0.203	interval	1.08	1.00	0.99	0.96	0.97		# of strides
		velocity	4.69	9.26	10.00	10.10	10.42	10.31	8.42
									32.0
									7.13
									10.27
Olsson, Stephanie (SWE) (1991)									
B FINAL - 2011 Windsprint (Sundsvall, SWE)									
date	31-Jul-11	time		4.41		7.56	9.68	11.92	11.92
reaction time		interval				3.15	2.12	2.24	# of strides
wind	3.4 m/s	velocity		6.80		9.52	9.43	8.93	8.39
									6.80
									9.52
FINAL - 2010 Windsprint (Sundsvall, SWE)									
date	08-Aug-10	time		4.51		7.66	9.81	12.08	12.08
reaction time		interval				3.15	2.15	2.27	# of strides
wind	2.4 m/s	velocity		6.65		9.52	9.30	8.81	8.28
									6.65
									9.52
O'Neill, Elaine (GBR) (1989)									
FINAL - 2010 Sparkassen-Gala (Regensburg, GER)									
date	05-Jun-10	time		3.25	4.30	5.32	7.36	9.44	11.57
reaction time		interval			1.05	1.02	2.04	2.08	2.13
wind	-0.4 m/s	velocity		6.15	9.52	9.80	9.80	9.62	9.39
									8.64
									8.64
									8.64
Onyali-Omagembi, Mary (NGR) (1968)									
FINAL - 2001 ISTAF (Berlin, GER)									
date	31-Aug-01	time	3.20	4.25	5.26	7.28	9.32	11.41	11.41
reaction time	0.159	interval		1.05	1.01	2.02	2.04	2.09	# of strides
wind	0.5 m/s	velocity	6.25	9.52	9.90	9.90	9.80	9.57	8.76
									7.06
									9.90
FINAL - 1992 Olympic Games (Barcelona, ESP)									
date	01-Aug-92	time	3.14	5.17	7.13	9.13	11.15	11.15	8 / 7
reaction time	0.190	interval		2.03	1.96	2.00	2.02		# of strides
wind	-1.0 m/s	velocity	6.37	9.85	10.20	10.00	9.90	8.97	47.0
Onyali, Mary (NGR) (1968)									
FINAL - 1989 IAAF World Cup (Barcelona, ESP)									
date	09-Sep-89	time	3.14	5.16	6.14	7.14	8.14	9.15	11.23
reaction time		interval		2.02	0.98	1.00	1.00	1.01	2.08
wind	-1.1 m/s	velocity	6.37	9.90	10.20	10.00	10.00	9.90	9.62
									8.90
									48.3
Onyepunuka, Jessica (USA) (1986)									
Heat 3 - 2008 USA Olympic Trials (Eugene, OR)									
date	27-Jun-08	time	2.11	3.27	4.34	5.34	6.31	7.34	8.34
reaction time		interval		1.16	1.07	1.00	0.97	1.03	1.00
wind	1.1 m/s	velocity	4.74	8.62	9.35	10.00	10.31	9.71	10.00
									9.80
									9.26
									9.62
									8.71
									8.71
									8.71
FINAL - 2005 USATF National Junior Championships (Carson, CA)									
date	23-Jun-05	time	2.14	3.31	4.42	5.49	6.53	7.59	8.63
reaction time		interval		1.17	1.11	1.07	1.04	1.06	1.04
wind	-1.1 m/s	velocity	4.67	8.55	9.01	9.35	9.62	9.43	9.62
									9.26
									9.17
									8.93
									8.39
									8.39
									8.39
Osayomi, Oludamola (NGR) (1986)									
Heat 4 - 2009 IAAF World Championships (Berlin, ESP)									
date	16-Aug-09	time	3.20	4.26	5.28	7.32	9.35	11.49	11.49
									6 / 3

reaction time	0.164	interval		1.06	1.02	2.04	2.03	2.14		# of strides	4.26	3.06
wind	0.0 m/s	velocity	6.25	9.43	9.80	9.80	9.85	9.35	8.70		7.04	9.80

Östlund, Elin (SWE) (1991)

	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	4.51			7.57		9.69		11.86	11.86	6 / 3			
reaction time		interval				3.06		2.12		2.17		# of strides	4.51	3.06	
wind	0.9 m/s	velocity	6.65			9.80		9.43		9.22	8.43		6.65	9.80	

B FINAL - 2013 Windsprint (Sundsvall, SWE)

<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time	4.54			7.70		9.82		12.06	12.06	6 / 6			
reaction time		interval				3.16		2.12		2.24		# of strides	4.54	3.16	
wind	2.6 m/s	velocity	6.61			9.49		9.43		8.93	8.29		6.61	9.49	

FINAL - 2012 Windsprint (Sundsvall, SWE)

<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
date	17-Jun-12	time	4.52			7.65		9.75		11.99	11.99	7 / 8			
reaction time		interval				3.13		2.10		2.24		# of strides	4.52	3.13	
wind	1.0 m/s	velocity	6.64			9.58		9.52		8.93	8.34		6.64	9.58	

B FINAL - 2011 Windsprint (Sundsvall, SWE)

<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	31-Jul-11	time	4.45			7.55		9.65		11.86	11.86	5 / 4			
reaction time		interval				3.10		2.10		2.21		# of strides	4.45	3.10	
wind	3.4 m/s	velocity	6.74			9.68		9.52		9.05	8.43		6.74	9.68	

B FINAL - 2009 Windsprint (Sundsvall, SWE)

<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	25-Jul-09	time	4.73			8.12		10.37		12.73	12.73	/ 6			
reaction time		interval				3.39		2.25		2.36		# of strides	4.73	3.39	
wind	2.5 m/s	velocity	6.34			8.85		8.89		8.47	7.86		6.34	8.85	

Östlund, Jessica (SWE) (1993)

	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	4.47		6.55	7.61		9.76		11.94	11.94	3 / 4			
reaction time		interval			2.08	1.06		2.15		2.18		# of strides	4.47	3.14	
wind	0.3 m/s	velocity	6.71		9.62	9.43		9.30		9.17	8.38		6.71	9.55	

A FINAL - 2016 Windsprint (Sundsvall, SWE)

<i>(2016) - www.windsprint/Splittider/</i>															
date	31-Jul-16	time	4.44			7.53				11.70	11.70	5 / 1			
reaction time		interval				3.09				4.17	PB	# of strides	4.44	3.09	
wind	2.0 m/s	velocity	6.76			9.71				9.59	8.55		6.76	9.71	

Heat 1 - 2016 Windsprint (Sundsvall, SWE)

<i>(2016) - www.windsprint/Splittider/</i>															
date	31-Jul-16	time	4.45			7.56				11.82	11.82	5 / 2			
reaction time		interval				3.11				4.26	PB	# of strides	4.45	3.11	
wind	-0.3 m/s	velocity	6.74			9.65				9.39	8.46		6.74	9.65	

B FINAL - 2015 Windsprint (Sundsvall, SWE)

<i>(2015) - www.windsprint/Splittider/</i>															
date	26-Jul-15	time	4.44			7.56		9.70		11.87	11.87	3 / 1			
reaction time		interval				3.12		2.14		2.17		# of strides	4.44	3.12	
wind	2.1 m/s	velocity	6.76			9.62		9.35		9.22	8.42		6.76	9.62	

B FINAL - 2014 Windsprint (Sundsvall, SWE)

<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
date	20-Jul-14	time	4.51			7.71		9.88		12.14	12.14	7 / 4			
reaction time		interval				3.20		2.17		2.26		# of strides	4.51	3.20	
wind	2.3 m/s	velocity	6.65			9.38		9.22		8.85	8.24		6.65	9.38	

Osuki, Mai (JPN) (1995)

	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			6.59	7.64	8.72	9.82	10.95	12.10	12.10	3 / 7			
reaction time		interval				1.05	1.08	1.10	1.13	1.15		# of strides			3.31
wind	-0.3 m/s	velocity			7.59	9.52	9.26	9.09	8.85	8.70	8.26				9.06

Ota, Tomoko (JPN) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 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	2.03	3.20	4.27	5.32	6.36	7.40	8.45	9.52	10.60	11.70	5 / 1		
reaction time		interval		1.17	1.07	1.05	1.04	1.04	1.05	1.07	1.08	1.10	# of strides	4.27	3.13
wind	0.0 m/s	velocity	4.93	8.55	9.35	9.52	9.62	9.52	9.35	9.26	9.09	8.55	55.0	7.03	9.58

Heat 3 - 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	2.04	3.20	4.27	5.31	6.34	7.39	8.45	9.53	10.62	11.74	5 / 3		
reaction time		interval		1.16	1.07	1.04	1.03	1.05	1.06	1.08	1.09	1.12	# of strides	4.27	3.12
wind	3.4 m/s	velocity	4.90	8.62	9.35	9.62	9.71	9.52	9.43	9.26	9.17	8.93	56.2	7.03	9.62

FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)

date	23-Sep-08	time	2.15	3.32	4.41	5.47	6.53	7.59	8.66	9.76	10.86	11.99	11.99	/ 5			
reaction time		interval		1.17	1.09	1.06	1.06	1.06	1.07	1.10	1.10	1.13		# of strides	4.41	3.18	3.27
wind	-0.6 m/s	velocity	4.65	8.55	9.17	9.43	9.43	9.43	9.35	9.09	9.09	8.85	8.34		6.80	9.43	9.17

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

date	06-Jul-08	time	2.09	3.25	4.32	5.38	6.42	7.46	8.51	9.57	10.66	11.78	11.78	/ 2			
reaction time		interval		1.16	1.07	1.06	1.04	1.04	1.05	1.06	1.09	1.12		# of strides	4.32	3.14	3.20
wind	1.7 m/s	velocity	4.78	8.62	9.35	9.43	9.62	9.62	9.52	9.43	9.17	8.93	8.49		6.94	9.55	9.38

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***FINAL - 2008 Japanese National Championships (Kawasaki, JPN)**

date	29-Jun-08	time	2.01	3.16	4.22	5.25	6.28	7.31	8.35	9.42	10.52	11.63	11.63	/ 2			
reaction time		interval		1.15	1.06	1.03	1.03	1.03	1.04	1.07	1.10	1.11		# of strides	4.22	3.09	3.21
wind	0.4 m/s	velocity	4.98	8.70	9.43	9.71	9.71	9.71	9.62	9.35	9.09	9.01	8.60		7.11	9.71	9.35

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***FINAL - 2008 Osaka Grand Prix (Osaka, JPN)**

date	10-May-08	time	2.02	3.19	4.28	5.34	6.39	7.45	8.52	9.61	10.72	11.85	11.85	3 / 7			
reaction time		interval		1.17	1.09	1.06	1.05	1.06	1.07	1.09	1.11	1.13		# of strides	4.28	3.17	3.27
wind	1.2 m/s	velocity	4.95	8.55	9.17	9.43	9.52	9.43	9.35	9.17	9.01	8.85	8.44		7.01	9.46	9.17

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***Heat 3 - 2008 Mikio Oda Memorial (Hiroshima, JPN)**

date	29-Apr-08	time	2.02	3.18	4.26	5.31	6.36	7.40	8.45	9.52	10.61	11.73	11.73	/ 2			
reaction time		interval		1.16	1.08	1.05	1.05	1.04	1.05	1.07	1.09	1.12		# of strides	4.26	3.14	3.21
wind	0.7 m/s	velocity	4.95	8.62	9.26	9.52	9.52	9.62	9.52	9.35	9.17	8.93	8.53		7.04	9.55	9.35

*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles***FINAL - 2007 Japanese National Championships (Osaka, JPN)**

date	30-Jun-07	time	2.00	3.15	4.24	5.30	6.35	7.41	8.49	9.58	10.70	11.83	11.83	/ 4			
reaction time		interval		1.15	1.09	1.06	1.05	1.06	1.08	1.09	1.12	1.13		# of strides	4.24	3.17	3.29
wind	0.0 m/s	velocity	5.00	8.70	9.17	9.43	9.52	9.43	9.26	9.17	8.93	8.85	8.45		7.08	9.46	9.12

*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles***Ottey, Merlene (SLO) (1960)**

		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		4.36			7.44		9.52		11.69	11.69	4 / 1			
reaction time		interval					3.08		2.08		2.17		# of strides	4.36	3.08	
wind	3.4 m/s	velocity		6.88			9.74		9.62		9.22	8.55		6.88	9.74	

B FINAL - 2010 Windsprint (Sundsvall, SWE)

<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	08-Aug-10	time		4.43			7.53		9.61		11.78	11.78	1 / 1			
reaction time		interval					3.10		2.08		2.17		# of strides	4.43	3.10	
wind	2.2 m/s	velocity		6.77			9.68		9.62		9.22	8.49		6.77	9.68	

Ottey, Merlene (JAM) (1960)

<i>Veney - Sydney 100m women's splits</i>																
FINAL - 2000 Olympic Games (Sydney, AUS)																
date	24-Sep-00	time		3.99		6.10	7.14	8.15		10.16	11.19	11.19	3 / 4 3			
reaction time	0.179	interval				2.11	1.04	1.01		2.01	1.03		# of strides	3.99	3.15	3.02
wind	-0.4 m/s	velocity		7.52		9.48	9.62	9.90		9.95	9.71	8.94		7.52	9.52	9.93

FINAL - 1997 IAAF World Championships (Athens, GRE)

<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>																		
date	03-Aug-97	time	1.89	3.02	4.03	5.01	5.97	6.94	7.91	8.91	9.95	11.15	11.29	6 / 7				
reaction time	0.139	interval		1.13	1.01	0.98	0.96	0.97	0.97	1.00	1.04	1.20		# of strides	4.03	2.91	3.01	
wind	0.4 m/s	velocity	5.29	8.85	9.90	10.20	10.42	10.31	10.31	10.00	9.62	8.33	8.86		46.9	7.44	10.31	9.97

Semi-Final 1 - 1996 Olympic Games (Atlanta, GA)

<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>																	
date	01-Aug-96	time	1.99	3.15	4.19	5.17	6.12	7.06	8.00	8.94	9.92	10.93	10.93	4 / 1			
reaction time	0.176	interval		1.16	1.04	0.98	0.95	0.94	0.94	0.94	0.98	1.01		# of strides	4.19	2.87	2.86
wind	0.4 m/s	velocity	5.03	8.62	9.62	10.20	10.53	10.64	10.64	10.64	10.20	9.90	9.15		7.16	10.45	10.49

FINAL - 1993 IAAF World Championships (Stuttgart, GER)

<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																
date	16-Aug-93	time		4.13			6.98		8.87		10.82	10.82	6 / 2			
reaction time	0.161	interval					2.85		1.89		1.95	CR	# of strides	4.13	2.85	
wind	0.3 m/s	velocity		7.26			10.53		10.58		10.26	9.24		46.0	7.26	10.53

FINAL - 1992 Olympic Games (Barcelona, ESP)

<i>Arnold (1992) - 1992 Olympic report: 100m men</i>																
date	01-Aug-92	time		3.12		5.09		6.99		8.93		10.86	10.88	4 / 5		
reaction time	0.164	interval				1.97		1.90		1.94		1.93		# of strides		47.7
wind	-1.0 m/s	velocity		6.41		10.15		10.53		10.31		10.36	9.19			

FINAL - 1991 IAAF World Championships (Tokyo, JPN)

<i>Butler (2013) - IAAF world championships statistics handbook- moscow 2013</i>																
date	27-Aug-91	time				6.17						11.06	11.06	4 / 3		
reaction time	0.196	interval										4.89		# of strides		
wind	-3.0 m/s	velocity				8.10						10.22	9.04		48.0	

FINAL - 1987 IAAF World Championships (Rome, ITA) <i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>																	
date	30-Aug-87	time	2.02	3.13	4.17	5.16	6.12	7.07	8.02	8.99	10.02	11.04	11.04	5 / 3			
reaction time	0.172	interval		1.11	1.04	0.99	0.96	0.95	0.95	0.97	1.03	1.02		# of strides	4.17	2.90	2.95
wind	-0.5 m/s	velocity	4.95	9.01	9.62	10.10	10.42	10.53	10.53	10.31	9.71	9.80	9.06	47.1	7.19	10.34	10.17

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	2.07	3.14	4.18	5.13	6.10	7.04	8.00	8.94	9.89	10.89	10.89	5 / 2			
reaction time		interval		1.07	1.04	0.95	0.97	0.94	0.96	0.94	0.95	1.00		# of strides	4.18	2.86	2.85
wind	2.2 m/s	velocity	4.83	9.35	9.62	10.53	10.31	10.64	10.42	10.64	10.53	10.00	9.18	46.7	7.18	10.49	10.53

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	2.08	3.18	4.22	5.21	6.19	7.16	8.18	9.23	10.26	11.29	11.29	3 / 2			
reaction time		interval		1.10	1.04	0.99	0.98	0.97	1.02	1.05	1.03	1.03		# of strides	4.22	2.94	3.10
wind	-1.1 m/s	velocity	4.81	9.09	9.62	10.10	10.20	10.31	9.80	9.52	9.71	9.71	8.86	52.0	7.11	10.20	9.68

Heat 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	29-Aug-87	time	2.06	3.22	4.25	5.25	6.26	7.24	8.24	9.24	10.24	11.26	11.26	2 / 1			
reaction time		interval		1.16	1.03	1.00	1.01	0.98	1.00	1.00	1.00	1.02		# of strides	4.25	2.99	3.00
wind	1.3 m/s	velocity	4.85	8.62	9.71	10.00	9.90	10.20	10.00	10.00	10.00	9.80	8.88	45.0	7.06	10.03	10.00

FINAL - 1983 IAAF World Championships (Helsinki, FIN) <i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>																	
date	08-Aug-83	time		3.12		5.18	6.16	7.13	8.13	9.11		11.19	11.19	5 / 4			
reaction time	0.186	interval				2.06	0.98	0.97	1.00	0.98		2.08		# of strides			
wind	-0.5 m/s	velocity		6.41		9.71	10.20	10.31	10.00	10.20		9.62	8.94	48.0			

Owens, Ashley (USA) (1985) <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA) <i>USATF Women's Sprint Development (2003)</i>																	
date	22-Jun-03	time	2.14	3.28	4.37	5.41	6.41	7.44	8.46	9.59	10.58	11.60	11.60	7 / 2			
reaction time		interval		1.14	1.09	1.04	1.00	1.03	1.02	1.13	0.99	1.02	PB	# of strides	4.37	3.07	3.14
wind	0.7 m/s	velocity	4.67	8.77	9.17	9.62	10.00	9.71	9.80	8.85	10.10	9.80	8.62	6.86	9.77	9.55	

Oyepitan, Abi (GBR) (1979) <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
FINAL - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time		3.26	4.31	5.33		7.34		9.36		11.41	11.41	/ 6			
reaction time	0.141	interval			1.05	1.02		2.01		2.02		2.05		# of strides	4.31	3.03	
wind	-0.7 m/s	velocity		6.13	9.52	9.80		9.95		9.90		9.76	8.76	6.96	9.90		

Semi-Final 1 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time		3.21	4.25	5.26		7.23		9.24		11.33	11.33	/ 3			
reaction time	0.117	interval			1.04	1.01		1.97		2.01		2.09		# of strides	4.25	2.98	
wind	0.0 m/s	velocity		6.23	9.62	9.90		10.15		9.95		9.57	8.83	7.06	10.07		

Heat 4 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time		3.23	4.28	5.30		7.29		9.31		11.40	11.40	/ 2			
reaction time	0.152	interval			1.05	1.02		1.99		2.02		2.09		# of strides	4.28	3.01	
wind	0.3 m/s	velocity		6.19	9.52	9.80		10.05		9.90		9.57	8.77	7.01	9.97		

Padevetová, Markéta (CZE) (1995) <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE) <i>Feyer (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																	
date	28-Jun-14	time		3.52		5.85		8.15		10.46		12.84	12.84	3 / 3			
reaction time	0.168	interval				2.33		2.30		2.31		2.38		# of strides			
wind	-3.0 m/s	velocity		5.68		8.58		8.70		8.66		8.40	7.79				

Pähler, Stefanie (GER) (1993) <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																	
FINAL - 2010 German National Youth Championships (Ulm, GER) <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-10	time		3.38	4.46	5.50		7.58		9.67		11.82	11.82	/ 1			
reaction time		interval			1.08	1.04		2.08		2.09		2.15		# of strides	4.46	3.12	
wind	-0.3 m/s	velocity		5.92	9.26	9.62		9.62		9.57		9.30	8.46	6.73	9.62		

Semi-Final 1 - 2010 German National Youth Championships (Ulm, GER) <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-10	time		3.41	4.48	5.52		7.57		9.63		11.75	11.75	/ 1			
reaction time		interval			1.07	1.04		2.05		2.06		2.12		# of strides	4.48	3.09	
wind	1.3 m/s	velocity		5.87	9.35	9.62		9.76		9.71		9.43	8.51	6.70	9.71		

B FINAL - 2010 Sparkassen-Gala (Regensburg, GER) <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																	
date	05-Jun-10	time		3.35	4.41	5.44		7.50		9.60		11.73	11.73	/ 2			
reaction time		interval			1.06	1.03		2.06		2.10		2.13		# of strides	4.41	3.09	
wind	-0.1 m/s	velocity		5.97	9.43	9.71		9.71		9.52		9.39	8.53	6.80	9.71		

Paličková, Veronika (CZE) (1997) <i>10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m</i>																
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FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)

date	28-Jun-14	time	2.10	3.28	4.42	5.52	6.64	7.75	8.87	10.01	11.17	12.34	12.34	4 / 1			
reaction time	0.146	interval		1.18	1.14	1.10	1.12	1.11	1.12	1.14	1.16	1.17		# of strides	4.42	3.33	3.42
wind	-6.4 m/s	velocity	4.76	8.47	8.77	9.09	8.93	9.01	8.93	8.77	8.62	8.55	8.10		6.79	9.01	8.77

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)**

date	28-Jun-14	time	3.27	5.50	7.71	9.96	12.31	12.31	4 / 1			
reaction time	0.157	interval		2.23	2.21	2.25	2.35		# of strides			
wind	-4.3 m/s	velocity	6.12	8.97	9.05	8.89	8.51	8.12				

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Palm, Josefin (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)															
date	30-Jul-17	time	4.54	6.68	7.75	12.28	12.28	6 / 3							
reaction time		interval		2.14	1.07	4.53		# of strides	4.54	3.21					
wind	1.6 m/s	velocity	6.61	9.35	9.35	8.83	8.14		6.61	9.35					

*(2017) - www.windsprint/Splittider/***A FINAL - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.54	7.74	12.17	12.17	2 / 6				
reaction time		interval		3.20	4.43		# of strides	4.54	3.20		
wind	2.0 m/s	velocity	6.61	9.38	9.03	8.22		6.61	9.38		

*(2016) - www.windsprint/Splittider/***Heat 1 - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.45	7.70	12.21	12.21	1 / 6				
reaction time		interval		3.25	4.51		# of strides	4.45	3.25		
wind	-0.3 m/s	velocity	6.74	9.23	8.87	8.19		6.74	9.23		

*(2016) - www.windsprint/Splittider/***C FINAL - 2015 Windsprint (Sundsvall, SWE)**

date	26-Jul-15	time	7.94	10.23	12.63	12.63	6 / 5				
reaction time		interval		2.29	2.40		# of strides				
wind	0.1 m/s	velocity	7.56	8.73	8.33	7.92					

*(2015) - www.windsprint/Splittider/***C FINAL - 2013 Windsprint (Sundsvall, SWE)**

date	28-Jul-13	time	4.50	7.72	9.93	12.24	12.24	6 / 5			
reaction time		interval		3.22	2.21	2.31		# of strides	4.50	3.22	
wind	-0.1 m/s	velocity	6.67	9.32	9.05	8.66	8.17		6.67	9.32	

*(2013) - www.ssg.se/windsprint/Splittider/***Panboon, Fanny (SWE) (1995)**

	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)															
date	20-Jul-14	time	4.56	7.91	10.23	12.68	12.68	3 / 2							
reaction time		interval		3.35	2.32	2.45		# of strides	4.56	3.35					
wind	3.1 m/s	velocity	6.58	8.96	8.62	8.16	7.89		6.58	8.96					

*(2014) - www.ssg.se/windsprint/Splittider/***C FINAL - 2013 Windsprint (Sundsvall, SWE)**

date	28-Jul-13	time	4.50	7.75	10.02	12.39	12.39	7 / 6			
reaction time		interval		3.25	2.27	2.37		# of strides	4.50	3.25	
wind	-0.1 m/s	velocity	6.67	9.23	8.81	8.44	8.07		6.67	9.23	

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

date	28-Jul-13	time	4.45	7.67	9.87	12.19	12.19	4 / 1			
reaction time		interval		3.22	2.20	2.32		# of strides	4.45	3.22	
wind	2.7 m/s	velocity	6.74	9.32	9.09	8.62	8.20		6.74	9.32	

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

date	17-Jun-12	time	4.55	7.86	10.14	12.56	12.56	/ 3			
reaction time		interval		3.31	2.28	2.42		# of strides	4.55	3.31	
wind	1.5 m/s	velocity	6.59	9.06	8.77	8.26	7.96		6.59	9.06	

*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx***Papaconstantinou, Marissa (CAN) (1987)**

	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	2.45	3.79	5.02	6.20	7.37	8.53	9.72	10.91	12.14	13.42	13.42	4 / 5				
reaction time	0.236	interval		1.34	1.23	1.18	1.17	1.16	1.19	1.19	1.23	1.28		# of strides	5.02	3.51	3.61	
wind	0.7 m/s	velocity	4.08	7.46	8.13	8.47	8.55	8.62	8.40	8.40	8.13	7.81	7.45		55.2	5.98	8.55	8.31

*Omega Timing (2023) - diamond league race analysis***Paré, Maroussia (FRA) (1996)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
National FINAL - 2024 Meeting de Paris (Paris, FRA)																	
date	07-Jul-24	time	2.07	3.25	4.33	5.37	6.40	7.42	8.45	9.48	10.53	11.59	11.59	5 / 5			
reaction time	0.164	interval		1.18	1.08	1.04	1.03	1.02	1.03	1.03	1.05	1.06		# of strides	4.33	3.09	3.11
wind	-2.3 m/s	velocity	4.83	8.47	9.26	9.62	9.71	9.80	9.71	9.71	9.52	9.43	8.63		6.93	9.71	9.65

*Omega Timing (2024) - diamond league race analysis***Parisot, Helene (FRA) (1992)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)															

Omega Timing (2022) - diamond league race analysis

date	26-Aug-22	time	3.3	5.4	7.4	9.4	11.54	11.54	3 / 1										
reaction time		interval		2.10	2.00	2.00	2.14		# of strides										
wind	0.8 m/s	velocity	6.06	9.52	10.00	10.00	9.35	8.67											
Parker, Kiara (USA) (1996)	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	5.3	7.2	9.2	11.26	11.26	2 / 6										
reaction time	0.142	interval		2.10	1.90	2.00	2.06		# of strides										
wind	1.1 m/s	velocity	6.25	9.52	10.53	10.00	9.71	8.88	53.2										
Paschke, Melanie (GER) (1970)	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	3.21	4.26	5.28	7.28	9.29	11.37	11.37	/ 5									
reaction time	0.137	interval		1.05	1.02	2.00	2.01	2.08		# of strides			4.26	3.02					
wind	-0.7 m/s	velocity	6.23	9.52	9.80	10.00	9.95	9.62	8.80	53.1			7.04	9.93					
Semi-Final 2 - 2002 European Championships (Munich, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>								
date	07-Aug-02	time	3.20	4.25	5.27	7.26	9.27	11.35	11.35	/ 3									
reaction time	0.148	interval		1.05	1.02	1.99	2.01	2.08		# of strides			4.25	3.01					
wind	0.3 m/s	velocity	6.25	9.52	9.80	10.05	9.95	9.62	8.81				7.06	9.97					
Heat 3 - 2002 European Championships (Munich, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>								
date	06-Aug-02	time	3.17	4.22	5.24	7.25	9.27	11.36	11.36	/ 3									
reaction time	0.127	interval		1.05	1.02	2.01	2.02	2.09		# of strides			4.22	3.03					
wind	0.0 m/s	velocity	6.31	9.52	9.80	9.95	9.90	9.57	8.80				7.11	9.90					
FINAL - 2001 ISTAF (Berlin, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>								
date	31-Aug-01	time	3.25	4.30	5.32	7.32	9.34	11.41	11.41	/ 6 5									
reaction time	0.173	interval		1.05	1.02	2.00	2.02	2.07		# of strides			4.30	3.02					
wind	0.5 m/s	velocity	6.15	9.52	9.80	10.00	9.90	9.66	8.76				6.98	9.93					
C FINAL - 2001 European Cup (Bremen, GER)											<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>								
date	23-Jun-01	time	3.24	4.30	5.33	7.36	9.39	11.48	11.48	/ 2									
reaction time	0.140	interval		1.06	1.03	2.03	2.03	2.09		# of strides			4.30	3.06					
wind	-0.2 m/s	velocity	6.17	9.43	9.71	9.85	9.85	9.57	8.71				6.98	9.80					
FINAL - 1997 IAAF World Championships (Athens, GRE)											<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>								
date	03-Aug-97	time	1.89	3.03	4.07	5.07	6.05	7.03	8.01	9.01	10.02	11.05	11.19	2 / 6					
reaction time	0.138	interval		1.14	1.04	1.00	0.98	0.98	0.98	1.00	1.01	1.03		# of strides	4.07	2.96	2.99		
wind	0.4 m/s	velocity	5.29	8.77	9.62	10.00	10.20	10.20	10.20	10.00	9.90	9.71	8.94	51.3	7.37	10.14	10.03		
FINAL - 1997 German National Championships (Frankfurt, GER)											<i>Grosser (2007) - Schnelligkeitsairtraining</i>								
date	28-Jun-97	time	1.98	3.12	4.15	5.16	6.16	7.14	8.14	9.14	10.15	11.18	11.18	/ 1					
reaction time		interval		1.14	1.03	1.01	1.00	0.98	1.00	1.00	1.01	1.03		# of strides	4.15	2.99	3.01		
wind	1.2 m/s	velocity	5.05	8.77	9.71	9.90	10.00	10.20	10.00	10.00	9.90	9.71	8.94		7.23	10.03	9.97		
FINAL - 1996 German National Championships (Köln, GER)											<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>								
date	21-Jun-96	time	2.03	4.19		7.11		9.05		11.06	11.06	/ 1							
reaction time		interval		2.16		2.92		1.94		2.01		# of strides	4.19	2.92					
wind	0.6 m/s	velocity	4.93	9.26		10.27		10.31		9.95	9.04		7.16	10.27					
Pastushenko, Olena (UKR) (1979)	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	3.17	4.22	5.24	7.27		9.36		11.54	11.54	/ 8							
reaction time	0.115	interval		1.05	1.02	2.03		2.09		2.18		# of strides	4.22	3.05					
wind	0.3 m/s	velocity	6.31	9.52	9.80		9.85		9.57	9.17	8.67		7.11	9.84					
Patková, Dominika (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	3.43		5.77		8.12		10.53		13.06	13.06	3 / 4						
reaction time	0.170	interval			2.34		2.35		2.41		2.53		# of strides						
wind	-4.3 m/s	velocity	5.83		8.55		8.51		8.30		7.91	7.66							
Pelham, Shaunta (USA) (1978)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)											<i>USATF Women's Sprint Development (2004)</i>								
date	09-Jul-04	time	2.16	3.34	4.37	5.37	6.39	7.42	8.46	9.52	10.56	11.70	11.70	6 / 6					
reaction time		interval		1.18	1.03	1.00	1.02	1.03	1.04	1.06	1.04	1.14		# of strides	4.37	3.05	3.14		
wind	-0.8 m/s	velocity	4.63	8.47	9.71	10.00	9.80	9.71	9.62	9.43	9.62	8.77	8.55	51.0	6.86	9.84	9.55		
Pendareva, Petya (BUL) (1971)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
B FINAL - 2000 ISTAF (Berlin, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>								

date	01-Sep-00	time	3.10	4.15	5.17	7.16	11.30	11.30	/ 1
reaction time	0.135	interval		1.05	1.02	1.99	4.14		# of strides 4.15 3.01
wind	0.1 m/s	velocity	6.45	9.52	9.80	10.05	9.66	8.85	7.23 9.97

Pereira, Veronica Shanti (SGP) (1996) 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 Olympc Games - Results Book (2024)

date	02-Aug-24	time	2.10	3.28	4.34	5.37	6.40	7.43	8.46	9.50	10.55	11.63	11.63	8 / 7
reaction time	0.162	interval		1.18	1.06	1.03	1.03	1.03	1.04	1.05	1.08			# of strides 4.34 3.09 3.12
wind	-0.2 m/s	velocity	4.76	8.47	9.43	9.71	9.71	9.71	9.71	9.62	9.52	9.26	8.60	51.5 6.91 9.71 9.62

Perrow, Victoria (USA) (2003) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
U20 FINAL - 2020 Millrose Games (New York, NY) PrimeTime Timing (2020) - <http://results.nyrrmillrosegames.org/>

date	08-Feb-20	time	2.23	3.38	4.44	5.52	6.57	7.60					7.60	6 / 3
reaction time		interval		1.15	1.06	1.08	1.05	1.03					=PB	# of strides 4.44 3.16
wind		velocity	4.48	8.70	9.43	9.26	9.52	9.71					7.89	6.76 9.49

Perry, Nanceen (USA) (1977) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN) Winckler (2008) - running parameters

date	06-Mar-99	time	4.28					7.38					7.38	1 / 4
reaction time		interval						3.10						# of strides 4.28 3.10
wind		velocity						9.68					8.13	32.5 7.01 9.68

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

date	28-Jun-96	time	2.16	4.43	6.36	7.36	10.49	11.71	11.71	8 / 5
reaction time		interval		2.27	1.93	1.00	3.13	1.22		# of strides 4.43 2.93 3.13
wind	0.5 m/s	velocity	4.63	8.81	10.36	10.00	9.58	8.20	8.54	6.77 10.24 9.58

Peters, Mareike (GER) (1986) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
C FINAL - 2009 ISTAF (Berlin, GER) Graubner (2009) - <http://www.fgs.uni-halle.de>

date	14-Jun-09	time	3.34	4.42	5.47	7.58	9.73	11.96	11.96	1 / 7
reaction time	0.213	interval		1.08	1.05	2.11	2.15	2.23		# of strides 4.42 3.16
wind	0.9 m/s	velocity	5.99	9.26	9.52	9.48	9.30	8.97	8.36	6.79 9.49

Petrikovičová, Markéta (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	3.65	6.05	8.44	10.85	13.34	13.34	7 / 6
reaction time	0.245	interval		2.40	2.39	2.41	2.49		# of strides
wind	-4.3 m/s	velocity	5.48	8.33	8.37	8.30	8.03	7.50	

Petroci-Coninx, Lauren (BEL) (2007) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL) Omega Timing (2023) - diamond league race analysis

date	08-Sep-23	time	2.20	3.43	4.54	5.61	6.68	7.76	8.86	9.97	11.10	12.27	12.27	5 / 6
reaction time	0.170	interval		1.23	1.11	1.07	1.07	1.08	1.10	1.11	1.13	1.17		# of strides 4.54 3.22 3.34
wind	0.4 m/s	velocity	4.55	8.13	9.01	9.35	9.26	9.09	9.01	8.85	8.55	8.15		6.61 9.32 8.98

Pettersson, Erica (SWE) (1990) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
B FINAL - 2011 Windsprint (Sundsvall, SWE) (2011) - www.ssg.se/en/Windsprint/Split-times/

date	31-Jul-11	time	4.41	7.53	9.61	11.78	11.78	2 / 2
reaction time		interval		3.12	2.08	2.17		# of strides 4.41 3.12
wind	3.4 m/s	velocity	6.80	9.62	9.62	9.22	8.49	6.80 9.62

Pha Aphay, Silina (LAO) (2005) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Prelim 1 - 2024 Olympic Games (Paris, FRA) Paris 2024 Olympc Games - Results Book (2024)

date	02-Aug-24	time	1.96	3.19	4.30	5.39	6.48	7.57	8.72	9.86	11.02	12.45	12.45	2 / 6
reaction time	0.190	interval		1.23	1.11	1.09	1.09	1.09	1.15	1.14	1.16	1.43		# of strides 4.30 3.27 3.45
wind	0.0 m/s	velocity	5.10	8.13	9.01	9.17	9.17	9.17	8.70	8.77	8.62	6.99	8.03	51.2 6.98 9.17 8.70

Phan Tran Vi Thanh (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	3.60	6.04	8.43	10.81	13.22	13.22	6 / 4
reaction time	0.157	interval		2.44	2.39	2.38	2.41		# of strides
wind	-3.0 m/s	velocity	5.56	8.20	8.37	8.40	8.30	7.56	

Philip, Asha (GBR) (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	03-Mar-13	time	3.11	5.16	7.15	7.15	7 / 6
reaction time	0.134	interval		2.05	1.99		# of strides
wind		velocity	6.43	9.76	10.05	8.39	31.2

Philipp, Andrea (GER) (1971) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
C FINAL - 2001 European Cup (Bremen, GER) Graubner (2007) - <http://www.fgs.uni-halle.de>

date	23-Jun-01	time	3.31	4.42	5.50	7.62	9.79	11.98	11.98		11.98	11.98	1 / 7					
reaction time	0.127	interval		1.11	1.08	2.12	2.17	2.19					# of strides	4.42	3.20			
wind	-0.2 m/s	velocity	6.04	9.01	9.26	9.43	9.22	9.13	8.35					6.79	9.38			
FINAL - 2000 ISTAF (Berlin, GER)											<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>							
date	01-Sep-00	time	3.16	4.21	5.23	7.21			11.27	11.27			1 / 6					
reaction time	0.151	interval		1.05	1.02	1.98			4.06				# of strides	4.21	3.00			
wind	0.1 m/s	velocity	6.33	9.52	9.80	10.10			9.85	8.87			50.8	7.13	10.00			
FINAL - 1997 European Cup (Munich, GER)											<i>Jung (2003) - http://www.fgs.uni-halle.de</i>							
date	21-Jun-97	time	2.01	4.25		7.22	9.21	11.23	11.23				1 / 2					
reaction time		interval		2.24		2.97	1.99	2.02					# of strides	4.25	2.97			
wind	0.6 m/s	velocity	4.98	4.71		10.10	10.05	9.90	8.90					7.06	10.10			
FINAL - 1997 Sparkasse (Dortmund, GER)											<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>							
date	08-Jun-97	time	1.99	4.19		7.11	9.06	11.05	11.05				1 / 1					
reaction time		interval		2.20		2.92	1.95	1.99	PB				# of strides	4.19	2.92			
wind	1.1 m/s	velocity	5.03	9.09		10.27	10.26	10.05	9.05					7.16	10.27			
Philippe, Chloe (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)											<i>Omega Timing (2023) - diamond league race analysis</i>							
date	08-Sep-23	time	2.19	3.44	4.58	5.68	6.77	7.86	8.96	10.07	11.20	12.36	12.36	1 / 7				
reaction time	0.160	interval		1.25	1.14	1.10	1.09	1.09	1.10	1.11	1.13	1.16		# of strides	4.58	3.28	3.34	
wind	0.4 m/s	velocity	4.57	8.00	8.77	9.09	9.17	9.17	9.09	9.01	8.85	8.62	8.09		6.55	9.15	8.98	
Phipps, Angela (CAN) (1964) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)											<i>Francis (1997) - training for speed</i>							
date	29-Aug-87	time	2.08	3.34	4.46	5.47	6.48	7.53	8.56	9.60	10.62	11.67	11.67	2 / 5				
reaction time	0.230	interval		1.26	1.12	1.01	1.01	1.05	1.03	1.04	1.02	1.05		# of strides	4.46	3.07	3.09	
wind	-0.3 m/s	velocity	4.81	7.94	8.93	9.90	9.90	9.52	9.71	9.62	9.80	9.52	8.57		50.0	6.73	9.77	9.71
Pierre, Jada (USA) (2002) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
U20 FINAL - 2020 Millrose Games (New York, NY)											<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>							
date	08-Feb-20	time	2.32	3.50	4.61	5.67	6.77	7.79					7.79	1 / 6				
reaction time		interval		1.18	1.11	1.06	1.10	1.02						# of strides	4.61	3.18		
		velocity	4.31	8.47	9.01	9.43	9.09	9.80					7.70		6.51	9.43		
Pierre, Barbara (USA) (1987) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)											<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>							
date	08-May-16	time	1.99	3.10	4.14	5.13	6.12	7.12	8.15	9.20	10.29	11.40	11.40	4 / 3				
reaction time		interval		1.11	1.04	0.99	0.99	1.00	1.03	1.05	1.09	1.11		# of strides	4.14	2.98	3.17	
wind	-1.7 m/s	velocity	5.03	9.01	9.62	10.10	10.10	10.00	9.71	9.52	9.17	9.01	8.77		56.4	7.25	10.07	9.46
Pillay, Geraldine (RSA) (1977) 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		4.38		7.41		9.53		11.68	11.68		3 / 5					
reaction time		interval				3.03		2.12		2.15			# of strides	4.38	3.03			
wind	1.0 m/s	velocity		6.85		9.90		9.43		9.30	8.56			6.85	9.90			
Pinto, Tatjana (GER) (1992) 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	2.21	3.30	4.35	5.35	6.35	7.33				7.33	1 / 7					
reaction time	0.193	interval		1.09	1.05	1.00	1.00	0.98					# of strides	4.35	2.98			
		velocity	4.52	9.17	9.52	10.00	10.00	10.20				8.19		20.5	6.90	10.07		
FINAL - 2019 Müller Grand Prix (Birmingham, GBR)											<i>Omega Timing (2019) - diamond league race analysis</i>							
date	18-Aug-19	time		3.2	5.2	7.2		9.2		11.15	11.15		6 / 1					
reaction time	0.145	interval			2.0	2.0		2.0		1.95			# of strides					
wind	-0.9 m/s	velocity		6.25	10.00	10.00		10.00		10.26	8.97			48.7				
FINAL - 2010 German National Junior Championships (Ulm, GER)											<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>							
date	06-Aug-10	time	3.31	4.37	5.39	7.41		9.48		11.64	11.64		1 / 2					
reaction time		interval		1.06	1.02	2.02		2.07		2.16			# of strides	4.37	3.04			
wind	0.4 m/s	velocity	6.04	9.43	9.80	9.90		9.66		9.26	8.59			6.86	9.87			
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	3.26	4.32	5.35	7.38		9.45		11.58	11.58		1 / 1					
reaction time		interval		1.06	1.03	2.03		2.07		2.13			# of strides	4.32	3.06			
wind	0.4 m/s	velocity	6.13	9.43	9.71	9.85		9.66		9.39	8.64			6.94	9.80			
FINAL - 2010 Sparkassen-Gala (Regensburg, GER)											<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>							

date	05-Jun-10	time	3.21	4.25	5.26	7.27	9.33	11.46	11.46	/ 3			
reaction time		interval		1.04	1.01	2.01	2.06	2.13	PB	# of strides	4.25	3.02	
wind	-0.4 m/s	velocity	6.23	9.62	9.90	9.95	9.71	9.39	8.73		7.06	9.93	

Heat 3 - 2010 Sparkassen-Gala (Regensburg, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	05-Jun-10	time	3.20	4.24	5.24	7.27	9.35	11.50	11.50	/ 2			
reaction time		interval		1.04	1.00	2.03	2.08	2.15	PB	# of strides	4.24	3.03	
wind	-0.7 m/s	velocity	6.25	9.62	10.00	9.85	9.62	9.30	8.70		7.08	9.90	

Pohrebnyak, Nataliya (UKR) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)**Graubner (2009) - *biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	3.21	4.26	5.27	7.31	9.36	11.49	11.49	/ 6			
reaction time	0.149	interval		1.05	1.01	2.04	2.05	2.13		# of strides	4.26	3.05	
wind	0.1 m/s	velocity	6.23	9.52	9.90	9.80	9.76	9.39	8.70		49.5	7.04	9.84

Heat 7 - 2009 IAAF World Championships (Berlin, GER)Graubner (2009) - *biomechanical analyses at the 12th IAAF world championships*

date	16-Aug-09	time	3.22	4.28	5.30	7.34	9.39	11.54	11.54	6 / 3			
reaction time	0.164	interval		1.06	1.02	2.04	2.05	2.15		# of strides	4.28	3.06	
wind	-0.5 m/s	velocity	6.21	9.43	9.80	9.80	9.76	9.30	8.67		7.01	9.80	

Polin-Fokoua, Nathalie (FRA) (1970) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Heat 1 - 1996 International French Championships (Bercy, FRA)**Gajer (1996) - *analyse des frequences, amplitudes et vitesse pour les courses de 60m*

date	10-Feb-96	time	2.17	3.38	4.47	5.56	6.60	7.68		7.68	/ 6		
reaction time		interval		1.21	1.09	1.09	1.04	1.08			# of strides	4.47	3.21
		velocity	4.61	8.26	9.17	9.17	9.62	9.26		7.81		6.71	9.35

Polyakova, Yevgeniya (RUS) (1983) 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	16-Aug-09	time	3.20	4.24	5.25	7.27	9.30	11.41	11.41	2 / 2			
reaction time	0.150	interval		1.04	1.01	2.02	2.03	2.11		# of strides	4.24	3.03	
wind	-0.7 m/s	velocity	6.25	9.62	9.90	9.90	9.85	9.48	8.76		7.08	9.90	

Posch, Isabel (AUT) (2000) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Heat B - 2024 Weltklasse (Zürich, SUI)**Omega Timing (2024) - *diamond league race analysis*

date	05-Sep-24	time	2.07	3.25	4.31	5.34	6.35	7.38	8.40	9.45	10.50	11.56	11.56	6 / 1			
reaction time	0.145	interval		1.18	1.06	1.03	1.01	1.03	1.02	1.05	1.05	1.06		# of strides	4.31	3.07	3.12
wind	-0.5 m/s	velocity	4.83	8.47	9.43	9.71	9.90	9.71	9.80	9.52	9.52	9.43	8.65		6.96	9.77	9.62

B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)Omega Timing (2024) - *diamond league race analysis*

date	22-Aug-24	time	2.08	3.25	4.32	5.34	6.35	7.35	8.37	9.40	10.44	11.50	11.50	4 / 2			
reaction time	0.142	interval		1.17	1.07	1.02	1.01	1.00	1.02	1.03	1.04	1.06		# of strides	4.32	3.03	3.09
wind	2.2 m/s	velocity	4.81	8.55	9.35	9.80	9.90	10.00	9.80	9.71	9.62	9.43	8.70		6.94	9.90	9.71

National B FINAL - 2023 Weltklasse (Zürich, SUI)Omega Timing (2023) - *diamond league race analysis*

date	31-Aug-23	time	2.03	3.21	4.27	5.30	6.31	7.32	8.35	9.40	10.47	11.57	11.57	8 / 1			
reaction time	0.142	interval		1.18	1.06	1.03	1.01	1.01	1.03	1.05	1.07	1.10		# of strides	4.27	3.05	3.15
wind	-0.2 m/s	velocity	4.93	8.47	9.43	9.71	9.90	9.90	9.71	9.52	9.35	9.09	8.64		7.03	9.84	9.52

Powell, Virginia (Ginnie) (USA) (1983) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2005 USATF National Championships (Carson, CA)**

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.04	3.17	4.22	5.27	6.27	7.26	8.29	9.36	10.37	11.50	11.50	2 / 7			
reaction time		interval		1.13	1.05	1.05	1.00	0.99	1.03	1.07	1.01	1.13		# of strides	4.22	3.04	3.11
wind	-1.6 m/s	velocity	4.90	8.85	9.52	9.52	10.00	10.10	9.71	9.35	9.90	8.85	8.70		50.2	7.11	9.87

Semi-Final 2 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	25-Jun-05	time	2.04	3.17	4.17	5.14	6.14	7.13	8.07	9.09	10.08	11.18	11.18	4 / 4			
reaction time		interval		1.13	1.00	0.97	1.00	0.99	0.94	1.02	0.99	1.10		# of strides	4.17	2.96	2.95
wind	2.1 m/s	velocity	4.90	8.85	10.00	10.31	10.00	10.10	10.64	9.80	10.10	9.09	8.94		7.19	10.14	10.17

Heat 1 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.02	3.14	4.22	5.24	6.27	7.26	8.25	9.32	10.35	11.42	11.42	3 / 2			
reaction time		interval		1.12	1.08	1.02	1.03	0.99	0.99	1.07	1.03	1.07		# of strides	4.22	3.04	3.09
wind	-2.0 m/s	velocity	4.95	8.93	9.26	9.80	9.71	10.10	10.10	9.35	9.71	9.35	8.76		7.11	9.87	9.71

Prandini, Jenna (USA) (1992) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)**Omega Timing (2024) - *diamond league race analysis*

date	25-Aug-24	time	2.05	3.21	4.24	5.22	6.18	7.13	8.09	9.06	10.06	11.07	11.07	1 / 8			
reaction time	0.149	interval		1.16	1.03	0.98	0.96	0.95	0.96	0.97	1.00	1.01		# of strides	4.24	2.89	2.93
wind	2.9 m/s	velocity	4.88	8.62	9.71	10.20	10.42	10.53	10.42	10.31	10.00	9.90	9.03		50.0	7.08	10.38

B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)Omega Timing (2024) - *diamond league race analysis*

date	22-Aug-24	time	2.08	3.24	4.28	5.28	6.26	7.24	8.22	9.21	10.21	11.24	11.24	4 / 1			
reaction time	0.189	interval		1.16	1.04	1.00	0.98	0.98	0.98	0.99	1.00	1.03		# of strides	4.28	2.96	2.97
wind	-0.1 m/s	velocity	4.81	8.62	9.62	10.00	10.20	10.20	10.20	10.10	10.00	9.71	8.90		7.01	10.14	10.10
Privalova, Irina (RUS) (1968)	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>Price (1994) - split times for 100m sprint, 1993 IAAF world championship</i>					
date	16-Aug-93	time		4.09		7.00		8.96		10.96	10.96	4 / 4					
reaction time	0.174	interval				2.91		1.96		2.00		# of strides	4.09	2.91			
wind	0.3 m/s	velocity		7.33		10.31		10.20		10.00	9.12	47.5	7.33	10.31			
Privalova, Irina (EUN) (1968)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL	- 1992 Olympic Games (Barcelona, ESP)											<i>Arnold (1992) - 1992 Olympic report: 100m men</i>					
date	01-Aug-92	time	3.08		5.03		6.93		8.89		10.84	10.84	6 / 3				
reaction time	0.184	interval			1.95		1.90		1.96		1.95		# of strides	4.09	2.91		
wind	-1.0 m/s	velocity	6.49		10.26		10.53		10.20		10.26	9.23	48.2				
Privalova, Irina (RUS) (1968)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL	- 1991 European Cup (Frankfurt, GER)											<i>Federle (2003) - http://www.fgs.uni-halle.de</i>					
date	29-Jun-91	time		4.14		7.14		9.19		11.29	11.29	1 / 1					
reaction time		interval				3.00		2.05		2.10		# of strides	4.14	3.00			
wind	-2.7 m/s	velocity		7.25		10.00		9.76		9.52	8.86		7.25	10.00			
Sergeyeva, Irina (URS) (1968)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL	- 1990 Goodwill Games (Seattle, WA)											<i>Lyle (1990) - goodwill games women's 100m splits</i>					
date	24-Jul-90	time	2.14	3.19	4.24	5.22	6.21	7.18	8.15		10.16	11.26	11.25	2 / 6			
reaction time		interval		1.05	1.05	0.98	0.99	0.97	0.97		2.01	1.10		# of strides	4.24	2.94	2.98
wind	0.0 m/s	velocity	4.67	9.52	9.52	10.20	10.10	10.31	10.31		9.95	9.09	8.89		7.08	10.20	10.07
Procházková, Barbora (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	2.13	3.26	4.35	5.34	6.35	7.36	8.39	9.43	10.49	11.57	11.57	5 / 2			
reaction time	0.160	interval		1.13	1.09	0.99	1.01	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.35	3.01	3.13
wind	-0.2 m/s	velocity	4.69	8.85	9.17	10.10	9.90	9.90	9.71	9.62	9.43	9.26	8.64		6.90	9.97	9.58
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		3.27		5.37		7.42		9.51		11.70	11.70	4 / 1			
reaction time	0.136	interval				2.10		2.05		2.09		2.19		# of strides			
wind	-1.3 m/s	velocity		6.12		9.52		9.76		9.57		9.13	8.55				
FINAL	- 2012 Czech Republic National Indoor Championships (Praha, CZE)											<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.16	3.38	4.46	5.53	6.58	7.64				7.64	6 / 5				
reaction time	0.184	interval		1.22	1.08	1.07	1.05	1.06					# of strides	4.46	3.18		
		velocity	4.63	8.20	9.26	9.35	9.52	9.43				7.85		6.73	9.43		
Semi-Final 1	- 2012 Czech Republic National Indoor Championships (Praha, CZE)											<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.13	3.33	4.43	5.49	6.55	7.61				7.61	5 / 2				
reaction time	0.187	interval		1.20	1.10	1.06	1.06	1.06				PB	# of strides	4.43	3.18		
		velocity	4.69	8.33	9.09	9.43	9.43	9.43				7.88		6.77	9.43		
Heat 1	- 2012 Czech Republic National Indoor Championships (Praha, CZE)											<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.11	3.32	4.46	5.48	6.55	7.67				7.67	5 / 2				
reaction time	0.158	interval		1.21	1.14	1.02	1.07	1.12					# of strides	4.46	3.21		
		velocity	4.74	8.26	8.77	9.80	9.35	8.93				7.82		6.73	9.35		
Prochová, Hana (CZE) (1996)	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	2.22	3.47	4.66	5.79	6.92	8.06	9.21	10.38	11.57	12.84	12.84	8 / 7			
reaction time	0.160	interval		1.25	1.19	1.13	1.13	1.14	1.15	1.17	1.19	1.27		# of strides	4.66	3.40	3.51
wind	-4.5 m/s	velocity	4.50	8.00	8.40	8.85	8.85	8.77	8.70	8.55	8.40	7.87	7.79		6.44	8.82	8.55
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		3.43		5.72		7.97		10.26		12.70	12.70	3 / 3			
reaction time	0.164	interval				2.29		2.25		2.29		2.44		# of strides			
wind	-3.2 m/s	velocity		5.83		8.73		8.89		8.73		8.20	7.87				
Purvis, Ashton (USA) (1992)	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)											<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	20-Jun-08	time	2.16	3.30	4.41	5.47	6.48	7.49	8.50	9.57	10.62	11.66	11.66	2 / 7			
reaction time		interval		1.14	1.11	1.06	1.01	1.01	1.01	1.07	1.05	1.04		# of strides	4.41	3.08	3.13
wind	1.3 m/s	velocity	4.63	8.77	9.01	9.43	9.90	9.90	9.90	9.35	9.52	9.62	8.58		6.80	9.74	9.58
Rajmonová, Anežka (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)											<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	2.25	3.54	4.75	5.92	7.09	8.29	9.48	10.68	11.90	13.16	13.16	1 / 8			

reaction time	0.169	interval	1.29	1.21	1.17	1.17	1.20	1.19	1.20	1.22	1.26	# of strides	4.75	3.54	3.61	
wind	-6.4 m/s	velocity	4.44	7.75	8.26	8.55	8.55	8.33	8.40	8.33	8.20	7.94	7.60	6.32	8.47	8.31

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	3.58	5.89	8.14	10.43	12.72	12.72	6 / 4
reaction time	0.188	interval	2.31	2.25	2.29	2.29	# of strides		
wind	-1.4 m/s	velocity	5.59	8.66	8.89	8.73	8.73	7.86	

Rakotondrabe, Hanitriniana (MAD) (1) 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	2.08	3.24	4.28	5.29	6.30	7.31	7.31	/ 2
reaction time	interval	1.16	1.04	1.01	1.01	# of strides	4.28	3.03		
velocity	4.81	8.62	9.62	9.90	9.90	8.21	7.01	9.90		

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	2.02	3.27	4.34	5.36	6.37	7.40	7.40	/ 1
reaction time	interval	1.25	1.07	1.02	1.01	1.03	# of strides	4.34	3.06	
velocity	4.95	8.00	9.35	9.80	9.90	9.71	8.11	6.91	9.80	

Rappová, Anna-Marie (CZE) (1993) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)***Feher (2012) - Czech Republic indoor national championships - women's 60m*

date	25-Feb-12	time	2.13	3.38	4.47	5.57	6.65	7.76	7.76	7 / 6
reaction time	0.177	interval	1.25	1.09	1.10	1.08	1.11	# of strides	4.47	3.29
velocity	4.69	8.00	9.17	9.09	9.26	9.01	7.73	6.71	9.12	

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

date	25-Feb-12	time	2.15	3.37	4.54	5.59	6.68	7.77	7.77	6 / 5
reaction time	0.164	interval	1.22	1.17	1.05	1.09	1.09	# of strides	4.54	3.23
velocity	4.65	8.20	8.55	9.52	9.17	9.17	7.72	6.61	9.29	

Rard-Reuse, Clélia (SUI) (1988) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)***Swiss Athletics (2016) - sprint and hurdle analysis*

date	07-May-16	time	6.40	11.70	11.70	/ 2
reaction time	interval	5.30	# of strides			
wind	0.4 m/s	velocity	7.81	9.43	8.55	

Ratcliff, LaShawndra (USA) (1982) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Heat 3 - 2005 USATF National Championships (Carson, CA)***USATF Women's Sprint Development (2005)*

date	24-Jun-05	time	2.14	3.34	4.40	5.44	6.49	7.54	8.57	9.68	10.77	11.89	11.89	11.89	7 / 7	
reaction time	interval	1.20	1.06	1.04	1.05	1.05	1.03	1.11	1.09	1.12	# of strides	4.40	3.14	3.23		
wind	1.4 m/s	velocity	4.67	8.33	9.43	9.62	9.52	9.52	9.71	9.01	9.17	8.93	8.41	6.82	9.55	9.29

Reinle, Cynthia (SUI) (2000) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)***Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time	3.3	5.5	7.5	9.6	11.77	11.77	11.77	7 / 7
reaction time	0.179	interval	2.20	2.00	2.10	# of strides				
wind	1.5 m/s	velocity	6.06	9.09	10.00	9.52	9.22	8.50		

Rhett, Amandi (USA) (1982) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Semi-Final 1 - 2005 USATF National Championships (Carson, CA)***USATF Women's Sprint Development (2005)*

date	25-Jun-05	time	2.08	3.25	4.32	5.32	6.34	7.32	8.31	9.34	10.38	11.45	11.45	11.45	8 / 8	
reaction time	interval	1.17	1.07	1.00	1.02	0.98	0.99	1.03	1.04	1.07	# of strides	4.32	3.00	3.06		
wind	3.0 m/s	velocity	4.81	8.55	9.35	10.00	9.80	10.20	10.10	9.71	9.62	9.35	8.73	6.94	10.00	9.80

Heat 3 - 2005 USATF National Championships (Carson, CA)*USATF Women's Sprint Development (2005)*

date	24-Jun-05	time	2.10	3.27	4.35	5.39	6.39	7.41	8.42	9.46	10.50	11.57	11.57	11.57	5 / 6	
reaction time	interval	1.17	1.08	1.04	1.00	1.02	1.01	1.04	1.04	1.04	1.07	# of strides	4.35	3.06	3.09	
wind	1.4 m/s	velocity	4.76	8.55	9.26	9.62	10.00	9.80	9.90	9.62	9.62	9.35	8.64	6.90	9.80	9.71

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	09-Jul-04	time	2.15	3.32	4.37	5.44	6.42	7.46	8.46	9.53	10.59	11.72	11.72	11.72	5 / 5 5		
reaction time	interval	1.17	1.05	1.07	0.98	1.04	1.00	1.07	1.06	1.13	# of strides	4.37	3.09	3.13			
wind	-1.4 m/s	velocity	4.65	8.55	9.52	9.35	10.20	9.62	10.00	9.35	9.43	8.85	8.53	55.7	6.86	9.71	9.58

Riaz, Faiqa (PAK) (1999) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**Prelim 2 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	2.22	3.47	4.50	5.72	6.82	7.92	9.04	10.17	11.33	12.49	12.49	12.49	9 / 6		
reaction time	0.206	interval	1.25	1.03	1.22	1.10	1.10	1.12	1.13	1.16	1.16	PB	# of strides	4.50	3.42	3.41	
wind	1.1 m/s	velocity	4.50	8.00	9.71	8.20	9.09	9.09	8.93	8.85	8.62	8.62	8.01	54.5	6.67	8.77	8.80

Richter, Annegret (FRG) (1950) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

FINAL - 1972 Olympic Games (Munich, FRG)

Breizer (1984) - sprint competition analysis

date	02-Sep-72	time	4.18	7.30	9.33	11.38	11.38	2 / 5						
reaction time		interval		3.12	2.03	2.05		# of strides	4.18	3.12				
wind	-0.2 m/s	velocity	7.18	9.62	9.85	9.76	8.79	53.0	7.18	9.62				

Richard, Sarah (FRA) (1998)

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

National FINAL - 2024 Meeting de Paris (Paris, FRA)

Omega Timing (2024) - diamond league race analysis

date	07-Jul-24	time	2.08	3.24	4.29	5.31	6.31	7.32	8.32	9.34	10.37	11.43	11.43	6 / 2			
reaction time	0.160	interval		1.16	1.05	1.02	1.00	1.01	1.00	1.02	1.03	1.06		# of strides	4.29	3.03	3.05
wind	-2.3 m/s	velocity	4.81	8.62	9.52	9.80	10.00	9.90	10.00	9.80	9.71	9.43	8.75	6.99	9.90	9.84	

Richards, Kerry Ann (JAM) (1976)

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

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)

Winckler (2008) - running parameters

date	06-Mar-99	time	4.33	7.44	7.44	7 / 6								
reaction time		interval		3.11		# of strides	4.33	3.11						
wind		velocity	6.93	9.65	8.06	31.5	6.93	9.65						

Richardson, Marcia (GBR) (1972)

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

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

date	23-Jun-01	time	3.24	4.31	5.34	7.36	9.40	11.46	11.46	1 / 2				
reaction time	0.139	interval		1.07	1.03	2.02	2.04	2.06		# of strides	4.31	3.05		
wind	1.8 m/s	velocity	6.17	9.35	9.71	9.90	9.80	9.71	8.73	6.96	9.84			

Richardson, Sha'Carri (USA) (2000)

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	2.05	3.20	4.22	5.20	6.18	7.16	8.14	9.13	10.14	11.23	11.23	6 / 8			
reaction time	0.163	interval		1.15	1.02	0.98	0.98	0.98	0.98	0.99	1.01	1.09		# of strides	4.22	2.94	2.98
wind	0.2 m/s	velocity	4.88	8.70	9.80	10.20	10.20	10.20	10.20	10.10	9.90	9.17	8.90	51.7	7.11	10.20	10.07

FINAL - 2024 Weltklasse (Zürich, SUI)

Omega Timing (2024) - diamond league race analysis

date	05-Sep-24	time	2.04	3.16	4.17	5.14	6.09	7.03	7.97	8.92	9.88	10.84	10.84	5 / 1			
reaction time	0.160	interval		1.12	1.01	0.97	0.95	0.94	0.94	0.95	0.96	0.96		# of strides	4.17	2.86	2.85
wind	0.1 m/s	velocity	4.90	8.93	9.90	10.31	10.53	10.64	10.64	10.53	10.42	10.42	9.23	51.2	7.19	10.49	10.53

FINAL - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date	03-Aug-24	time	2.03	3.16	4.17	5.14	6.07	7.01	7.96	8.91	9.86	10.87	10.87	7 / 2			
reaction time	0.221	interval		1.13	1.01	0.97	0.93	0.94	0.95	0.95	0.95	1.01		# of strides	4.17	2.84	2.85
wind	-0.1 m/s	velocity	4.93	8.85	9.90	10.31	10.75	10.64	10.53	10.53	10.53	9.90	9.20	51.0	7.19	10.56	10.53

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

Paris 2024 Olympc Games - Results Book (2024)

date	03-Aug-24	time	2.05	3.16	4.18	5.15	6.10	7.03	7.97	8.92	9.89	10.89	10.89	7 / 2			
reaction time	0.191	interval		1.11	1.02	0.97	0.95	0.93	0.94	0.95	0.97	1.00		# of strides	4.18	2.85	2.86
wind	-0.1 m/s	velocity	4.88	9.01	9.80	10.31	10.53	10.75	10.64	10.53	10.31	10.00	9.18	51.0	7.18	10.53	10.49

Heat 1 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympc Games - Results Book (2024)

date	02-Aug-24	time	2.05	3.19	4.21	5.18	6.13	7.06	8.01	8.97	9.94	10.94	10.94	6 / 1			
reaction time	0.200	interval		1.14	1.02	0.97	0.95	0.93	0.95	0.96	0.97	1.00		# of strides	4.21	2.85	2.88
wind	0.1 m/s	velocity	4.88	8.77	9.80	10.31	10.53	10.75	10.53	10.42	10.31	10.00	9.14	52.0	7.13	10.53	10.42

FINAL - 2024 Prefontaine Classic (Eugene, OR)

Omega Timing (2024) - diamond league race analysis

date	25-May-24	time	2.01	3.14	4.15	5.11	6.05	6.99	7.93	8.88	9.85	10.83	10.83	5 / 1			
reaction time	0.139	interval		1.13	1.01	0.96	0.94	0.94	0.94	0.95	0.97	0.98		# of strides	4.15	2.84	2.86
wind	1.5 m/s	velocity	4.98	8.85	9.90	10.42	10.64	10.64	10.64	10.53	10.31	10.20	9.23	51.0	7.23	10.56	10.49

FINAL - 2023 Prefontaine Classic (Eugene, OR)

Omega Timing (2023) - diamond league race analysis

date	16-Sep-23	time	2.07	3.20	4.21	5.17	6.11	7.04	7.97	8.90	9.85	10.80	10.80	5 / 4			
reaction time	0.146	interval		1.13	1.01	0.96	0.94	0.93	0.93	0.93	0.95	0.95		# of strides	4.21	2.83	2.81
wind	0.8 m/s	velocity	4.83	8.85	9.90	10.42	10.64	10.75	10.75	10.75	10.53	10.53	9.26	50.5	7.13	10.60	10.68

FINAL - 2023 Weltklasse (Zürich, SUI)

Omega Timing (2023) - diamond league race analysis

date	31-Aug-23	time	2.05	3.18	4.19	5.16	6.11	7.05	8.00	8.95	9.91	10.88	10.88	4 / 1			
reaction time	0.166	interval		1.13	1.01	0.97	0.95	0.94	0.95	0.95	0.96	0.97		# of strides	4.19	2.86	2.86
wind	-0.2 m/s	velocity	4.88	8.85	9.90	10.31	10.53	10.64	10.53	10.53	10.42	10.31	9.19	51.7	7.16	10.49	10.49

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

Omega Timing (2023) - diamond league race analysis

date	16-Jul-23	time	2.04	3.14	4.15	5.11	6.05	6.98	7.91	8.84	9.79	10.76	10.76	6 / 1			
reaction time	0.183	interval		1.10	1.01	0.96	0.94	0.93	0.93	0.93	0.95	0.97		# of strides	4.15	2.83	2.81
wind	0.2 m/s	velocity	4.90	9.09	9.90	10.42	10.64	10.75	10.75	10.75	10.53	10.31	9.29	50.0	7.23	10.60	10.68

FINAL - 2022 Weltklasse (Zürich, SUI)

Omega Timing (2022) - diamond league race analysis

date	08-Sep-22	time	3.20	5.22	7.16	9.13	11.13	11.13	2 / 7					
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reaction time	0.163	interval		2.02	1.94	1.97	2.00		# of strides
wind	-0.8 m/s	velocity	6.25	9.90	10.31	10.15	10.00	8.98	52.0

FINAL - 2022 Memorial van Damme (Brussels, BEL)

Omega Timing (2022) - diamond league race analysis

date	02-Sep-22	time	3.18	5.16	7.05	8.96	10.93	10.93	7 / 5
reaction time	0.153	interval		1.98	1.89	1.91	1.97		# of strides
wind	0.6 m/s	velocity	6.29	10.10	10.58	10.47	10.15	9.15	51.7

FINAL - 2022 Prefontaine Classic (Eugene, OR)

Omega Timing (2022) - diamond league race analysis

date	28-May-22	time	3.15	5.15	7.06	8.96	10.92	10.92	3 / 2
reaction time	0.152	interval		2.00	1.91	1.90	1.96		# of strides
wind	0.7 m/s	velocity	6.35	10.00	10.47	10.53	10.20	9.16	52.0

FINAL - 2021 Prefontaine Classic (Eugene, OR)

Omega Timing (2021) - diamond league race analysis

date	21-Aug-21	time	3.2	5.2	7.2	9.1	11.14	11.14	5 / 9
reaction time	0.155	interval		2.00	2.00	1.90	2.04		# of strides
wind	0.9 m/s	velocity	6.25	10.00	10.00	10.53	9.80	8.98	51.5

Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)

Omega Timing (2021) - diamond league race analysis

date	23-May-21	time	3.0	5.1	7.1	9.2	11.53	11.53	5 / 1
reaction time	0.174	interval		2.10	2.00	2.10	2.33		# of strides
wind	-4.2 m/s	velocity	6.67	9.52	10.00	9.52	8.58	8.67	50.5

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

date	06-Aug-10	time	3.48	4.59	5.66		7.79	9.95	12.14	12.14	12.14	1 / 5			
reaction time		interval		1.11	1.07		2.13	2.16	2.19			# of strides	4.59	3.20	
wind	0.4 m/s	velocity	5.75	9.01	9.35		9.39	9.26	9.13	8.24			6.54	9.38	

Rimlinger, Marie-Ange (FRA) (2001)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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National FINAL - 2024 Meeting de Paris (Paris, FRA)

Omega Timing (2024) - diamond league race analysis

date	07-Jul-24	time	2.04	3.21	4.27	5.28	6.29	7.30	8.32	9.35	10.40	11.48	11.48	7 / 3			
reaction time		interval		1.17	1.06	1.01	1.01	1.01	1.02	1.03	1.05	1.08		# of strides	4.27	3.03	3.10
wind	-2.3 m/s	velocity	4.90	8.55	9.43	9.90	9.90	9.90	9.80	9.71	9.52	9.26	8.71		7.03	9.90	9.68

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.15	3.27	4.30	5.32	6.29	7.26	8.26	9.30	10.31	11.38	11.38	5 / 5			
reaction time		interval		1.12	1.03	1.02	0.97	0.97	1.00	1.04	1.01	1.07		# of strides	4.30	2.96	3.05
wind	3.5 m/s	velocity	4.65	8.93	9.71	9.80	10.31	10.31	10.00	9.62	9.90	9.35	8.79		6.98	10.14	9.84

Rockmeier, Gabi (GER) (1973)

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

date	31-Aug-01	time	3.29	4.34	5.36		7.38	9.39	11.45	11.45		1 / 6			
reaction time	0.125	interval		1.05	1.02		2.02	2.01	2.06			# of strides	4.34	3.04	
wind	0.5 m/s	velocity	6.08	9.52	9.80		9.90	9.95	9.71	8.73			6.91	9.87	

FINAL - 2001 German National Championships (Stuttgart, GER)Graubner (2007) - <http://www.fgs.uni-halle.de>

date	30-Jul-01	time	3.21	4.24	5.24		7.18	9.15	11.17	11.17		1 / 1			
reaction time	0.139	interval		1.03	1.00		1.94	1.97	2.02	PB		# of strides	4.24	2.94	
wind	0.7 m/s	velocity	6.23	9.71	10.00		10.31	10.15	9.90	8.95			7.08	10.20	

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

date	23-Jun-01	time	3.30	4.35	5.37		7.35	9.33	11.38	11.38		1 / 4			
reaction time	0.125	interval		1.05	1.02		1.98	1.98	2.05			# of strides	4.35	3.00	
wind	2.8 m/s	velocity	6.06	9.52	9.80		10.10	10.10	9.76	8.79			6.90	10.00	

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

date	01-Sep-00	time	3.30	4.37	5.40		7.41		11.57	11.57		1 / 4			
reaction time	0.159	interval		1.07	1.03		2.01		4.16			# of strides	4.37	3.04	
wind	0.1 m/s	velocity	6.06	9.35	9.71		9.95		9.62	8.64			6.86	9.87	

Rodriguez, Carol (PUR) (1985)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)

USATF Women's Sprint Development (2003)

date	22-Jun-03	time	2.19	3.32	4.40	5.42	6.44	7.44	8.49	9.51	10.59	11.68	11.68	6 / 3			
reaction time		interval		1.13	1.08	1.02	1.02	1.00	1.05	1.02	1.08	1.09		# of strides	4.40	3.04	3.15
wind	0.7 m/s	velocity	4.57	8.85	9.26	9.80	9.80	10.00	9.52	9.80	9.26	9.17	8.56		6.82	9.87	9.52

Rogers, Tissilli (USA) (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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FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)

USATF Women's Sprint Development (2003)

date	22-Jun-03	time	2.18	3.34	4.44	5.47	6.51	7.56	8.62		10.87	11.96	11.96	9 / 7	
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reaction time	interval	1.16	1.10	1.03	1.04	1.05	1.06		2.25	1.09		# of strides	4.44	3.12	3.31
wind	0.7 m/s	velocity	4.59	8.62	9.09	9.71	9.62	9.52	9.43	8.89	9.17	8.36	6.76	9.62	9.06

Rönningen, Helene (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)															
date	30-Jul-17	time		4.45	6.56	7.62		9.77		11.96	11.96	4 / 5			
reaction time	0.161	interval			2.11	1.06		2.15		2.19		# of strides	4.45	3.17	
wind	0.3 m/s	velocity		6.74	9.48	9.43		9.30		9.13	8.36		6.74	9.46	

Rosa, Vitoria Cristina (BRA) (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)																	
date	02-Aug-24	time	2.12	3.31	4.39	5.45	6.51	7.57	8.66	9.74	10.86	12.02	12.02	3 / 8			
reaction time	0.161	interval	1.19	1.08	1.06	1.06	1.06	1.09	1.08	1.12	1.16		# of strides	4.39	3.18	3.29	
wind	1.2 m/s	velocity	4.72	8.40	9.26	9.43	9.43	9.17	9.26	8.93	8.62	8.32	49.0	6.83	9.43	9.12	
FINAL - 2023 FBK Games (Hengelo, NED)																	
date	04-Jun-23	time	2.00	3.15	4.18	5.18	6.17	7.14	8.13	9.12	10.13	11.18	11.18	8 / 3			
reaction time		interval	1.15	1.03	1.00	0.99	0.97	0.99	0.99	1.01	1.05		# of strides	4.18	2.96	2.99	
wind	-0.1 m/s	velocity	5.00	8.70	9.71	10.00	10.10	10.31	10.10	10.10	9.90	9.52	8.94	49.0	7.18	10.14	10.03

Roseby, Hasani (USA) (1982)	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)																
date	27-Jun-08	time	2.08	3.20	4.20	5.21	6.19	7.14	8.11	9.18	10.14	11.19	11.19	8 / 6		
reaction time		interval	1.12	1.00	1.01	0.98	0.95	0.97	1.07	0.96	1.05		# of strides	4.20	2.94	3.00
wind	3.4 m/s	velocity	4.81	8.93	10.00	9.90	10.20	10.53	10.31	9.35	10.42	9.52	8.94	7.14	10.20	10.00
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)																
date	27-Jun-08	time	2.05	3.18	4.25	5.22	6.20	7.19	8.17	9.20	10.22	11.29	11.29	3 / 4		
reaction time		interval	1.13	1.07	0.97	0.98	0.99	0.98	1.03	1.02	1.07		# of strides	4.25	2.94	3.03
wind	2.2 m/s	velocity	4.88	8.85	9.35	10.31	10.20	10.10	10.20	9.71	9.80	9.35	8.86	7.06	10.20	9.90

Rosius, Rani (BEL) (2000)	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	2.08	3.23	4.27	5.27	6.26	7.25	8.26	9.28	10.32	11.37	11.37	9 / 9			
reaction time	0.169	interval	1.15	1.04	1.00	0.99	0.99	1.01	1.02	1.04	1.05		# of strides	4.27	2.98	3.07	
wind	0.2 m/s	velocity	4.81	8.70	9.62	10.00	10.10	10.10	9.90	9.80	9.62	9.52	8.80	51.0	7.03	10.07	9.77
Heat A - 2024 Weltklasse (Zürich, SUI)																	
date	05-Sep-24	time	2.04	3.19	4.22	5.21	6.20	7.19	8.18	9.18	10.20	11.29	11.29	6 / 2			
reaction time	0.138	interval	1.15	1.03	0.99	0.99	0.99	0.99	1.00	1.02	1.09		# of strides	4.22	2.97	3.01	
wind	-0.3 m/s	velocity	4.90	8.70	9.71	10.10	10.10	10.10	10.10	10.00	9.80	9.17	8.86	7.11	10.10	9.97	
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	2.08	3.22	4.26	5.24	6.23	7.21	8.20	9.21	10.24	11.29	11.29	2 / 8			
reaction time	0.169	interval	1.14	1.04	0.98	0.99	0.98	0.99	1.01	1.03	1.05		# of strides	4.26	2.95	3.03	
wind	0.1 m/s	velocity	4.81	8.77	9.62	10.20	10.10	10.20	10.10	9.90	9.71	9.52	8.86	50.7	7.04	10.17	9.90
FINAL - 2023 Memorial van Damme (Brussels, BEL)																	
date	08-Sep-23	time	2.10	3.23	4.26	5.26	6.25	7.24	8.24	9.24	10.27	11.31	11.31	7 / 7			
reaction time	0.181	interval	1.13	1.03	1.00	0.99	0.99	1.00	1.00	1.03	1.04		# of strides	4.26	2.98	3.03	
wind	0.0 m/s	velocity	4.76	8.85	9.71	10.00	10.10	10.10	10.00	10.00	9.71	9.62	8.84	49.0	7.04	10.07	9.90
FINAL - 2020 Memorial Van Damme (Brussels, BEL)																	
date	04-Sep-20	time		3.3		5.3		7.3		9.3		11.43	11.43	5 / 1			
reaction time	0.161	interval			2.00		2.00		2.00		2.13		# of strides				
wind	0.2 m/s	velocity		6.06		10.00		10.00		10.00		9.39	8.75	51.2			

Rosolová, Denisa (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	2.11	3.32	4.37	5.43	6.43	7.46			7.46	3 / 3			
reaction time	0.144	interval	1.21	1.05	1.06	1.00	1.03					# of strides	4.37	3.09	
		velocity	4.74	8.26	9.52	9.43	10.00	9.71			8.04		6.86	9.71	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)															
date	25-Feb-12	time	2.12	3.33	4.40	5.46	6.46	7.50			7.50	5 / 2			
reaction time	0.161	interval	1.21	1.07	1.06	1.00	1.04					# of strides	4.40	3.10	
		velocity	4.72	8.26	9.35	9.43	10.00	9.62			8.00		6.82	9.68	
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)															
date	25-Feb-12	time	2.16	3.36	4.44	5.50	6.59	7.69			7.69	4 / 1			
reaction time	0.159	interval	1.20	1.08	1.06	1.09	1.10					# of strides	4.44	3.25	

velocity	4.63	8.33	9.26	9.43	9.17	9.09						7.80		6.76	9.23
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	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Rubášová, Nikola (CZE) (1998)																	
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	3.67	6.06	8.45	10.89	13.48	13.48	7 / 7								
reaction time	0.216	interval		2.39	2.39	2.44	2.59		# of strides								
wind	-1.7 m/s	velocity	5.45	8.37	8.37	8.20	7.72	7.42									
Rundquist Emilia (SWE) (1988)																	
B FINAL - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time	4.65	8.06	10.41	12.87	12.87	12.87	/ 3								
reaction time		interval		3.41	2.35	2.46			# of strides	4.65	3.41						
wind	0.9 m/s	velocity	6.45	8.80	8.51	8.13	7.77			6.45	8.80						
Russel, Carrie (JAM) (1990)																	
A FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time	4.15	7.04	9.00	11.03	11.03	11.03	4 / 1								
reaction time		interval		2.89	1.96	2.03			# of strides	4.15	2.89						
wind	2.2 m/s	velocity	7.23	10.38	10.20	9.85	9.07			7.23	10.38						
FINAL - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time	4.12	7.08	9.08	11.20	11.20	11.20	5 / 2								
reaction time		interval		2.96	2.00	2.12			# of strides	4.12	2.96						
wind	0.2 m/s	velocity	7.28	10.14	10.00	9.43	8.93			7.28	10.14						
FINAL - 2010 Windsprint (Sundsvall, SWE)																	
date	08-Aug-10	time	4.19	7.18	9.14	11.23	11.23	11.23	/ 1								
reaction time		interval		2.99	1.96	2.09			# of strides	4.19	2.99						
wind	2.4 m/s	velocity	7.16	10.03	10.20	9.57	8.90			7.16	10.03						
Ryemyen, Mariya (UKR) (1987)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)																	
date	03-Mar-13	time	3.11	5.11	7.10	7.11	7.11	7.11	5 / 2								
reaction time	0.144	interval		2.00	1.99	=PB			# of strides								
		velocity	6.43	10.00	10.05	8.44				31.7							
Sackey Mesah, Marion (SWE) (1998)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time	4.84	8.16	12.69	12.69	12.69	12.69	5 / 3								
reaction time		interval		3.32	4.53				# of strides	4.84	3.32						
wind	1.3 m/s	velocity	6.20	9.04	8.83	7.88				6.20	9.04						
Heat 2 - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time	4.84	8.22	12.82	12.82	12.82	12.82	5 / 4								
reaction time		interval		3.38	4.60				# of strides	4.84	3.38						
wind	1.8 m/s	velocity	6.20	8.88	8.70	7.80				6.20	8.88						
Šafriková, Petra (CZE) (1998)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	2.18	3.42	4.59	5.72	6.85	8.00	9.14	10.30	11.49	12.69	12.69	3 / 3			
reaction time	0.154	interval		1.24	1.17	1.13	1.13	1.15	1.14	1.16	1.19	1.20		# of strides	4.59	3.41	3.49
wind	-6.4 m/s	velocity	4.59	8.06	8.55	8.85	8.85	8.70	8.77	8.62	8.40	8.33	7.88		6.54	8.80	8.60
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	3.49	5.75	7.95	10.19	12.46	12.46	5 / 1								
reaction time	0.176	interval		2.26	2.20	2.24	2.27		# of strides								
wind	-1.4 m/s	velocity	5.73	8.85	9.09	8.93	8.81	8.03									
Safronnikova, Natallia (BLR) (1973)																	
FINAL - 2001 European Cup (Bremen, GER)																	
date	23-Jun-01	time	3.34	4.37	5.36	7.29	9.23	11.26	11.26	11.26	11.26	11.26	/ 2				
reaction time	0.247	interval		1.03	0.99	1.93	1.94	2.03		# of strides	4.37	2.92					
wind	2.8 m/s	velocity	5.99	9.71	10.10	10.36	10.31	9.85	8.88		6.86	10.27					
FINAL - 1997 European Cup (Munich, GER)																	
date	21-Jun-97	time	2.07	4.29	7.28	9.32	11.41	11.41	11.41	11.41	11.41	11.41	/ 3				
reaction time		interval		2.22	2.99	2.04	2.09		# of strides	4.29	2.99						
wind	0.6 m/s	velocity	4.83	4.66	10.03	9.80	9.57	8.76		6.99	10.03						
Safronova, Olga (KAZ) (1991)																	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)																	

date	02-Jun-24	time	2.13	3.30	4.37	5.42	6.46	7.47	8.50	9.53	10.58	11.65	11.65	8 / 8			
reaction time	0.148	interval		1.17	1.07	1.05	1.04	1.01	1.03	1.03	1.05	1.07		# of strides	4.37	3.10	3.11
wind	-0.8 m/s	velocity	4.69	8.55	9.35	9.52	9.62	9.90	9.71	9.71	9.52	9.35	8.58	50.5	6.86	9.68	9.65
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	02-Jun-24	time	2.14	3.32	4.38	5.42	6.43	7.45	8.46	9.48	10.54	11.58	11.58	2 / 2			
reaction time	0.151	interval		1.18	1.06	1.04	1.01	1.02	1.01	1.02	1.06	1.04		# of strides	4.38	3.07	3.09
wind	-0.3 m/s	velocity	4.67	8.47	9.43	9.62	9.90	9.80	9.90	9.80	9.43	9.62	8.64		6.85	9.77	9.71
Sagi, Mayako (JPN) (2003)																	
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)														<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>			
date	23-Aug-20	time	2.12	3.33	4.44	5.52	6.59	7.65	8.73	9.82	10.94	12.07	12.07	1 / 8			
reaction time	0.194	interval		1.21	1.11	1.08	1.07	1.06	1.08	1.09	1.12	1.13		# of strides	4.44	3.21	3.29
wind	-0.9 m/s	velocity	4.72	8.26	9.01	9.26	9.35	9.43	9.26	9.17	8.93	8.85	8.29		6.76	9.35	9.12
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		4.47		6.62					12.12	12.12	12.12	9 / 6			
reaction time	0.176	interval				2.15					5.50			# of strides	4.47		
wind	-1.5 m/s	velocity		6.71		3.02					9.09		8.25	52.2	6.71		
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	2.08	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.71	11.82	11.82	7 / 8			
reaction time		interval		1.18	1.09	1.05	1.05	1.04	1.06	1.07	1.09	1.11	PB	# of strides	4.35	3.14	3.22
wind	-0.1 m/s	velocity	4.81	8.47	9.17	9.52	9.52	9.62	9.43	9.35	9.17	9.01	8.46	51.7	6.90	9.55	9.32
Sahlgvist, Esther (SWE) (2006)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	02-Jun-24	time	2.12	3.32	4.41	5.47	6.52	7.56	8.61	9.68	10.77	11.86	11.86	1 / 5			
reaction time	0.146	interval		1.20	1.09	1.06	1.05	1.04	1.05	1.07	1.09	1.09		# of strides	4.41	3.15	3.21
wind	-0.3 m/s	velocity	4.72	8.33	9.17	9.43	9.52	9.62	9.52	9.35	9.17	9.17	8.43		6.80	9.52	9.35
Sailer, Verena (GER) (1985)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)														<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>			
date	03-Mar-13	time		3.13		5.17		7.16					7.16	8 / 8			
reaction time	0.141	interval				2.04		1.99						# of strides			
		velocity		6.39		9.80		10.05					8.38	31.5			
FINAL - 2010 Sparkassen-Gala (Regensburg, GER)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	05-Jun-10	time		3.26	4.29	5.28		7.26		9.27		11.32	11.32	1 / 1			
reaction time		interval			1.03	0.99		1.98		2.01		2.05		# of strides	4.29	2.97	
wind	-0.4 m/s	velocity		6.13	9.71	10.10		10.10		9.95		9.76	8.83		6.99	10.10	
Heat 1 - 2010 Sparkassen-Gala (Regensburg, GER)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	05-Jun-10	time		3.21	4.25	5.25		7.24		9.26		11.33	11.33	1 / 1			
reaction time		interval			1.04	1.00		1.99		2.02		2.07		# of strides	4.25	2.99	
wind	0.0 m/s	velocity		6.23	9.62	10.00		10.05		9.90		9.66	8.83		7.06	10.03	
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	17-Aug-09	time		3.16	4.19	5.19		7.19		9.17		11.24	11.24	2 / 6			
reaction time	0.149	interval			1.03	1.00		2.00		1.98		2.07		# of strides	4.19	3.00	
wind	-0.1 m/s	velocity		6.33	9.71	10.00		10.00		10.10		9.66	8.90		7.16	10.00	
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	16-Aug-09	time		3.13	4.17	5.17		7.17		9.16		11.26	11.26	5 / 4			
reaction time	0.135	interval			1.04	1.00		2.00		1.99		2.10		# of strides	4.17	3.00	
wind	0.1 m/s	velocity		6.39	9.62	10.00		10.00		10.05		9.52	8.88	51.2	7.19	10.00	
Heat 4 - 2009 IAAF World Championships (Berlin, GER)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	16-Aug-09	time		3.17	4.21	5.21		7.22		9.21		11.29	11.29	5 / 2			
reaction time	0.153	interval			1.04	1.00		2.01		1.99		2.08		# of strides	4.21	3.01	
wind	0.0 m/s	velocity		6.31	9.62	10.00		9.95		10.05		9.62	8.86		7.13	9.97	
FINAL - 2009 ISTAF (Berlin, GER)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	14-Jun-09	time		3.19	4.23	5.24		7.24		9.31		11.41	11.41	1 / 8			
reaction time	0.171	interval			1.04	1.01		2.00		2.07		2.10		# of strides	4.23	3.01	
wind	0.1 m/s	velocity		6.27	9.62	9.90		10.00		9.66		9.52	8.76		7.09	9.97	
FINAL - 2008 German National Championships (Nurnberg, GER)														<i>Seeger (2010) - DLV B-Trainer Ausbildung - sprint</i>			
date	05-Jul-08	time		3.17	4.21	5.21		7.21		9.22		11.28	11.28	1 / 1			
reaction time		interval			1.04	1.00		2.00		2.01		2.06		# of strides	4.21	3.00	
wind	-0.8 m/s	velocity		6.31	9.62	10.00		10.00		9.95		9.71	8.87		7.13	10.00	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Saito, Ami (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		4.31		6.38					11.64	11.64	6 / 2				
reaction time	0.145	interval				2.07					5.26		# of strides	4.31			
wind	1.1 m/s	velocity		6.96		3.13					9.51	8.59	53.5	6.96			
FINAL - 2018 National Sports Festival (Fukui, JPN)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	06-Oct-18	time	2.11	3.38	4.55	5.68	6.79	7.90	9.01	10.13	11.26	12.40	12.40	8 / 6			
reaction time	0.160	interval		1.27	1.17	1.13	1.11	1.11	1.11	1.12	1.13	1.14		# of strides	4.55	3.35	3.36
wind	-2.8 m/s	velocity	4.74	7.87	8.55	8.85	9.01	9.01	9.01	8.93	8.85	8.77	8.06	56.8	6.59	8.96	8.93
U19 FINAL - 2016 National Sports Festival (Kitakami, JPN)												<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>					
date	08-Aug-16	time	2.05	3.21	4.29	5.33	6.35	7.36	8.39	9.43	10.49	11.57	11.57	7 / 1			
reaction time	0.122	interval		1.16	1.08	1.04	1.02	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.29	3.07	3.13
wind	0.5 m/s	velocity	4.88	8.62	9.26	9.62	9.80	9.90	9.71	9.62	9.43	9.26	8.64	54.2	6.99	9.77	9.58
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)												<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>					
date	30-Jul-16	time	3.16	4.33	5.39	6.43	7.47	8.52	9.59		11.78	11.78		/ 1			
reaction time	0.133	interval		1.17	1.06	1.04	1.04	1.05	1.07		2.19			# of strides	4.33	3.14	
wind	1.6 m/s	velocity	6.33	8.55	9.43	9.62	9.62	9.52	9.35		9.13	8.49		6.93	9.55		
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	2.15	3.34	4.40	5.45	6.47	7.50	8.54	9.59	10.66	11.74	11.74	3 / 2			
reaction time	0.161	interval		1.19	1.06	1.05	1.02	1.03	1.04	1.05	1.07	1.08		# of strides	4.40	3.10	3.16
wind	-0.2 m/s	velocity	4.65	8.40	9.43	9.52	9.80	9.71	9.62	9.52	9.35	9.26	8.52	55.4	6.82	9.68	9.49
Sakai, Hinami (JPN) (2004)																	
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		4.45		6.64					12.22	12.22	4 / 3				
reaction time	0.153	interval				2.19					5.58		# of strides	4.45			
wind	-1.8 m/s	velocity		6.74		3.01					8.96	8.18	51.7	6.74			
Sakamoto, Minami (JPN) (2006)																	
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	2.04	3.24	4.33	5.39	6.44	7.49	8.56	9.63	10.72	11.83	11.83	8 / 5			
reaction time	0.147	interval		1.20	1.09	1.06	1.05	1.05	1.07	1.07	1.09	1.11	PB	# of strides	4.33	3.16	3.23
wind	-0.2 m/s	velocity	4.90	8.33	9.17	9.43	9.52	9.52	9.35	9.35	9.17	9.01	8.45	52.2	6.93	9.49	9.29
Sakimura, Wakana (JPN) (2005)																	
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	2.10	3.28	4.37	5.42	6.47	7.52	8.60	9.70	10.83	11.98	11.98	7 / 3			
reaction time	0.172	interval		1.18	1.09	1.05	1.05	1.05	1.08	1.10	1.13	1.15		# of strides	4.37	3.15	3.31
wind	-0.6 m/s	velocity	4.76	8.47	9.17	9.52	9.52	9.52	9.26	9.09	8.85	8.70	8.35	54.2	6.86	9.52	9.06
Saku, Kageyama (JPN) (2002)																	
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		4.35		6.53					12.01	12.01	4 / 2				
reaction time	0.155	interval				2.18					5.48		# of strides	4.35			
wind	-1.5 m/s	velocity		6.90		3.06					9.12	8.33	55.0	6.90			
Salahub, Natalia (BLR) (1975)																	
C FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time	3.29	4.36	5.40		7.46		9.58		11.75	11.75	/ 4				
reaction time	0.147	interval		1.07	1.04		2.06		2.12		2.17		# of strides	4.36	3.10		
wind	-0.2 m/s	velocity	6.08	9.35	9.62		9.71		9.43		9.22	8.51		6.88	9.68		
Samuel, Jamile (NED) (1992)																	
B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.2		5.3		7.4		9.4		11.56	11.56	6 / 1			
reaction time	0.172	interval				2.10		2.10		2.00		2.16		# of strides			
wind	-2.7 m/s	velocity		6.25		9.52		9.52		10.00		9.26	8.65				
Samuelsson, Jessica (SWE) (1985)																	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>					
date	31-Jul-16	time		4.58				7.85				12.36	12.36	3 / 1			
reaction time		interval					3.27				4.51	PB	# of strides	4.58	3.27		
wind	1.8 m/s	velocity		6.55			9.17				8.87	8.09		6.55	9.17		
Sandgren, Jenni (SWE) (1998)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>					

date	31-Jul-16	time	4.68	8.02	12.66	12.66	3 / 2												
reaction time		interval		3.34	4.64	4.64	# of strides	4.68	3.34										
wind	1.3 m/s	velocity	6.41	8.98	8.62	7.90		6.41	8.98										

Heat 2 - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time	4.73	8.12	12.84	12.84	(2016) - www.windsprint/Splittider/												
reaction time		interval		3.39	4.72	4.72	# of strides	4.73	3.39										
wind	1.8 m/s	velocity	6.34	8.85	8.47	7.79		6.34	8.85										

Sandsjoe, Caroline (SWE) (1992)

B FINAL - 2013 Windsprint (Sundsvall, SWE)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	28-Jul-13	time	4.39		7.49		9.57		11.73	11.73	(2013) - www.ssg.se/windsprint/Splittider/	2 / 2			
reaction time		interval			3.10		2.08		2.16	2.16	# of strides	4.39	3.10		
wind	2.6 m/s	velocity	6.83		9.68		9.62		9.26	8.53		6.83	9.68		

FINAL - 2012 Windsprint (Sundsvall, SWE)

date	17-Jun-12	time	4.32		7.45		9.56		11.72	11.72	(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx	3 / 3			
reaction time		interval			3.13		2.11		2.16	PB	# of strides	4.32	3.13		
wind	1.0 m/s	velocity	6.94		9.58		9.48		9.26	8.53		6.94	9.58		

B FINAL - 2010 Windsprint (Sundsvall, SWE)

date	08-Aug-10	time	4.50		7.75		9.94		12.23	12.23	(2010) - www.ssg.se/en/Windsprint/Split-times/	1 / 7			
reaction time		interval			3.25		2.19		2.29	2.29	# of strides	4.50	3.25		
wind	2.2 m/s	velocity	6.67		9.23		9.13		8.73	8.18		6.67	9.23		

Sano, Fuyumi (JPN) (1989)

FINAL - 2007 Japanese National High School Championships (Saga, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
date	03-Aug-07	time	3.32	4.45	5.51	6.57	7.63	8.70	9.77	10.85	11.99	11.99	3 / 4			
reaction time		interval		1.13	1.06	1.06	1.06	1.07	1.07	1.08	1.14	1.14	# of strides	4.45	3.18	3.22
wind	1.3 m/s	velocity	6.02	8.85	9.43	9.43	9.43	9.35	9.35	9.26	8.77	8.34		6.74	9.43	9.32

Sano, Yumeka (JPN) (1985)

Heat 3 - 2012 Mikio Oda Memorial (Hiroshima, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
date	29-Apr-12	time	2.06	3.22	4.28	5.31	6.33	7.35	8.39	9.44	10.52	11.62	11.62	6 / 4		
reaction time		interval		1.16	1.06	1.03	1.02	1.02	1.04	1.05	1.08	1.10	# of strides	4.28	3.07	3.17
wind	1.6 m/s	velocity	4.85	8.62	9.43	9.71	9.80	9.62	9.52	9.26	9.09	8.61		52.2	7.01	9.77

Heat 2 - 2011 Miko Oda Memorial (Hiroshima, JPN)

date	29-Apr-11	time	2.07	3.22	4.29	5.33	6.35	7.38	8.43	9.50	10.58	11.70	11.70	6 / 4		
reaction time		interval		1.15	1.07	1.04	1.02	1.03	1.05	1.07	1.08	1.12	# of strides	4.29	3.09	3.20
wind	2.0 m/s	velocity	4.83	8.70	9.35	9.62	9.80	9.71	9.52	9.35	9.26	8.93		52.6	6.99	9.71

FINAL - 2010 Mikio Oda Memorial (Hiroshima, JPN)

date	29-Apr-10	time	2.08	3.23	4.30	5.34	6.36	7.38	8.41	9.45	10.52	11.59	11.59	1 / 4			
reaction time		interval		1.15	1.07	1.04	1.02	1.02	1.03	1.04	1.07	1.07	PB	# of strides	4.30	3.08	3.14
wind	1.7 m/s	velocity	4.81	8.70	9.35	9.62	9.80	9.80	9.71	9.62	9.35	9.35		8.63	52.9	6.98	9.74

Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)

date	28-Jun-09	time	2.08	3.24	4.31	5.35	6.38	7.42	8.46	9.53	10.63	11.75	11.75	3 / 4			
reaction time		interval		1.16	1.07	1.04	1.03	1.04	1.04	1.07	1.10	1.12	# of strides	4.31	3.11	3.21	
wind	1.8 m/s	velocity	4.81	8.62	9.35	9.62	9.71	9.62	9.62	9.35	9.09	8.93		8.51	52.2	6.96	9.65

Santos, Rosangela (BRA) (1990)

FINAL - 2017 IAAF World Championships (London, GBR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	06-Aug-17	time	2.04	3.21	4.25	5.21	6.17	7.12	8.08	9.05	10.05	11.06	11.06	5 / 7			
reaction time	0.150	interval		1.17	1.04	0.96	0.96	0.95	0.96	0.97	1.00	1.01	# of strides	4.25	2.87	2.93	
wind	-0.1 m/s	velocity	4.90	8.55	9.62	10.42	10.42	10.53	10.42	10.31	10.00	9.90		9.04	50.8	7.06	10.45

Sarvari, Ulrike (FRG) (1964)

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
date	25-Sep-88	time	2.04	3.16	4.20	5.21	6.17	7.14	8.13	9.11	10.10	11.12	11.12	7 / 5		
reaction time	0.303	interval		1.12	1.04	1.01	0.96	0.97	0.99	0.98	0.99	1.02	# of strides	4.20	2.94	2.96
wind	2.6 m/s	velocity	4.90	8.93	9.62	9.90	10.42	10.31	10.10	10.20	10.10	9.80		8.99	7.14	10.20

FINAL - 1987 European Cup (Prague, TCH)

date	28-Jun-87	time	2.08	3.19	4.23	5.23	6.21	7.19	8.20	9.24	10.28	11.30	11.30	1 / 3		
reaction time		interval		1.11	1.04	1.00	0.98	0.98	1.01	1.04	1.04	1.02	# of strides	4.23	2.96	3.09
wind	-0.4 m/s	velocity	4.81	9.01	9.62	10.00	10.20	10.20	9.90	9.62	9.62	9.80		8.85	52.6	7.09

Sasaki, Azusa (JPN) (1998)

FINAL - 2016 Japanese National High School Championships (Okayama, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date		time													
reaction time		interval											# of strides		
wind		velocity													

date	30-Jul-16	time	3.19	4.37	5.44	6.51	7.60	8.68	9.77	12.03	12.03	/ 3						
reaction time	0.141	interval		1.18	1.07	1.07	1.09	1.08	1.09	2.26		# of strides	4.37	3.23				
wind	1.6 m/s	velocity	6.27	8.47	9.35	9.35	9.17	9.26	9.17	8.85	8.31		6.86	9.29				
Sato, Hinako (JPN) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Semi-Final 2 - 2017 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	2.07	3.25	4.33	5.39	6.44	7.49	8.54	9.61	10.69	11.79	11.79	/ 3				
reaction time	0.170	interval		1.18	1.08	1.06	1.05	1.05	1.05	1.07	1.08	1.10	PB	# of strides	4.33	3.16	3.20	
wind	0.5 m/s	velocity	4.83	8.47	9.26	9.43	9.52	9.52	9.52	9.35	9.26	9.09	8.48	54.1	6.93	9.49	9.38	
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	2.06	3.27	4.39	5.48	6.55	7.64	8.73	9.83	10.94	12.07	12.07	/ 2				
reaction time		interval		1.21	1.12	1.09	1.07	1.09	1.09	1.10	1.11	1.13		# of strides	4.39	3.25	3.30	
wind	-2.4 m/s	velocity	4.85	8.26	8.93	9.17	9.35	9.17	9.17	9.09	9.01	8.85	8.29		6.83	9.23	9.09	
Sato, Misato (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	2.10	3.29	4.37	5.42	6.46	7.50	8.55	9.62	10.71	11.81	11.81	4 / 4				
reaction time	0.135	interval		1.19	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.10		# of strides	4.37	3.13	3.21	
wind	-0.2 m/s	velocity	4.76	8.40	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.09	8.47	53.0	6.86	9.58	9.35	
Sato, Serika (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 National High School Championships (Yamagata, JPN)													<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>					
date	30-Jul-17	time			4.40			7.69			11.09	12.28	12.28	7 / 4				
reaction time	0.205	interval						3.29			3.40	1.19		# of strides	4.40	3.29	3.40	
wind	-3.0 m/s	velocity			6.82			9.12			8.82	8.40	8.14		6.82	9.12	8.82	
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)													<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>					
date	30-Jul-16	time	3.19	4.38	5.47	6.56	7.67	8.76	9.87		12.17	12.17	/ 4					
reaction time	0.162	interval		1.19	1.09	1.09	1.11	1.09	1.11		2.30			# of strides	4.38	3.29		
wind	1.6 m/s	velocity	6.27	8.40	9.17	9.17	9.01	9.17	9.01		8.70	8.22		6.85	9.12			
Satou, Aoi (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	2.12	3.33	4.43	5.50	6.56	7.63	8.71	9.81	10.94	12.08	12.08	8 / 5				
reaction time	0.162	interval		1.21	1.10	1.07	1.06	1.07	1.08	1.10	1.13	1.14		# of strides	4.43	3.20	3.31	
wind	-0.6 m/s	velocity	4.72	8.26	9.09	9.35	9.43	9.35	9.26	9.09	8.85	8.77	8.28	51.7	6.77	9.38	9.06	
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	2.18	3.38	4.46	5.51	6.55	7.59	8.64	9.71	10.80	11.91	11.91	1 / 7				
reaction time	0.205	interval		1.20	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.11		# of strides	4.46	3.13	3.21	
wind	-0.2 m/s	velocity	4.59	8.33	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.40	51.0	6.73	9.58	9.35	
Sawatani, Yuzuka (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 National High School Championships (Okayama, JPN)													<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>					
date	30-Jul-16	time	3.28	4.49	5.60	6.69	7.78	8.90	10.04		12.39	12.39	/ 8					
reaction time		interval		1.21	1.11	1.09	1.09	1.12	1.14		2.35			# of strides	4.49	3.29		
wind	1.6 m/s	velocity	6.10	8.26	9.01	9.17	9.17	8.93	8.77		8.51	8.07		6.68	9.12			
Schielke, Sina (GER) (1981)			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	3.23	4.28	5.30		7.30			9.35		11.48	11.48	/ 6				
reaction time	0.149	interval		1.05	1.02		2.00			2.05		2.13		# of strides	4.28	3.02		
wind	0.0 m/s	velocity	6.19	9.52	9.80		10.00			9.76		9.39	8.71		7.01	9.93		
Heat 2 - 2002 European Championships (Munich, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	06-Aug-02	time	3.22	4.28	5.30		7.32			9.38		11.53	11.53	/ 3				
reaction time	0.140	interval		1.06	1.02		2.02			2.06		2.15		# of strides	4.28	3.04		
wind	0.7 m/s	velocity	6.21	9.43	9.80		9.90			9.71		9.30	8.67		7.01	9.87		
Schippers, Dafne (NED) (1992)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2022 FBK Games (Hengelo, NED)													<i>Omega Timing (2022) - continental tour race analysis</i>					
date	06-Jun-22	time	3.2		5.2		7.2			9.2		11.40	11.40	5 / 5				
reaction time	0.130	interval			2.00		2.00			2.00		2.20		# of strides				
wind	0.8 m/s	velocity	6.25		10.00		10.00			10.00		9.09	8.77	49.0				
FINAL - 2019 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2019) - diamond league race analysis</i>					
date	06-Sep-19	time	3.3		5.3		7.2			9.2		11.22	11.22	3 / 4				
reaction time	0.155	interval			2.0		1.9			2.0		2.02		# of strides				
wind	-0.3 m/s	velocity	6.06		10.00		10.53			10.00		9.90	8.91	48.0				

FINAL - 2019 Meeting de Paris (Paris, FRA)

Omega Timing (2019) - diamond league race analysis

date	24-Aug-19	time												6.3	11.15	11.15	6 / 3
reaction time	0.160	interval													4.85		# of strides
wind	-0.2 m/s	velocity												7.94	10.31	8.97	48.0

FINAL - 2017 IAAF World Championships (London, GBR)

Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m

date	06-Aug-17	time	2.07	3.23	4.25	5.20	6.14	7.07	8.01	8.98	9.96	10.96	10.96				9 / 3
reaction time	0.155	interval		1.16	1.02	0.95	0.94	0.93	0.94	0.97	0.98	1.00					# of strides
wind	-0.1 m/s	velocity	4.83	8.62	9.80	10.53	10.64	10.75	10.64	10.31	10.20	10.00	9.12	47.4	7.06	10.64	10.38

FINAL - 2013 European Indoor Championships (Göteborg, SWE)

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

date	03-Mar-13	time		3.17		5.18		7.14								7.14	2 / 5
reaction time	0.150	interval				2.01		1.96								PB	# of strides
wind		velocity		6.31		9.95		10.20								8.40	27.0

Schmidt, Annika (GER) (1983)

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		3.54	4.67	5.77		7.92		10.13		12.39	12.39				/ 8
reaction time		interval			1.13	1.10		2.15		2.21		2.26					# of strides
wind	0.4 m/s	velocity		5.65	8.85	9.09		9.30		9.05		8.85	8.07				4.67 3.25
																	6.42 9.23

Schneider, Romy (GDR) (1958)

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

FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)

Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76

date	29-May-76	time		4.26		7.22		9.19		11.22	11.22						/ 5
reaction time		interval				2.96		1.97		2.03	PB						# of strides
wind	1.3 m/s	velocity		7.04		10.14		10.15		9.85	8.91						4.26 2.96
																	7.04 10.14

Schussler, Susanne (SWE) (1995)

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		4.57		7.94		10.25		12.70	12.70						7 / 5
reaction time		interval				3.37		2.31		2.45							# of strides
wind	1.2 m/s	velocity		6.56		8.90		8.66		8.16	7.87						4.57 3.37
																	6.56 8.90

Sedláčková, Simona (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		3.50		5.93		8.33		10.80		13.37	13.37				8 / 7
reaction time	0.160	interval				2.43		2.40		2.47		2.57					# of strides
wind	-4.3 m/s	velocity		5.71		8.23		8.33		8.10		7.78	7.48				

Sedney, Naomi (NED) (1994)

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

FINAL - 2024 FBK Games (Hengelo, NED)

Omega Timing (2024) - continental tour gold race analysis

date	07-Jul-24	time	2.14	3.30	4.39	5.42	6.47	7.52	8.58	9.65	10.75	11.88	11.88				1 / 8
reaction time	0.188	interval		1.16	1.09	1.03	1.05	1.05	1.06	1.07	1.10	1.13					# of strides
wind	0.6 m/s	velocity	4.67	8.62	9.17	9.71	9.52	9.52	9.43	9.35	9.09	8.85	8.42	53.0	6.83	9.58	9.29

B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)

Omega Timing (2022) - diamond league race analysis

date	26-Aug-22	time		3.3		5.4		7.4		9.6		11.82	11.82				3 / 4
reaction time	0.179	interval				2.10		2.00		2.20		2.22					# of strides
wind	-2.7 m/s	velocity		6.06		9.52		10.00		9.09		9.01	8.46				

B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)

Omega Timing (2021) - diamond league race analysis

date	26-Aug-21	time		3.3		5.4		7.4		9.4		11.47	11.47				6 / 4
reaction time	0.173	interval				2.10		2.00		2.00		2.07					# of strides
wind	2.7 m/s	velocity		6.06		9.52		10.00		10.00		9.66	8.72				

National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)

Omega Timing (2021) - diamond league race analysis

date	04-Jul-21	time		3.3		5.3		7.3		9.4		11.44	11.44				7 / 4
reaction time	0.165	interval				2.00		2.00		2.10		2.04					# of strides
wind	-1.3 m/s	velocity		6.06		10.00		10.00		9.52		9.80	8.74				51.0

FINAL - 2019 The Match - Europe v USA (Minsk, BLR)

European Athletics (2019) - race analysis

date	09-Sep-19	time				6.70						11.77	11.77				9 / 7
reaction time	0.215	interval										5.07					# of strides
wind	-0.8 m/s	velocity				7.46						9.86	8.50				52.2

Sedney, Zoë (NED) (2001)

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

B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)

Omega Timing (2022) - diamond league race analysis

date	26-Aug-22	time		3.2		5.2		7.2		9.3		11.43	11.43				7 / 2
reaction time	0.164	interval				2.00		2.00		2.10		2.13					# of strides
wind	-0.3 m/s	velocity		6.25		10.00		10.00		9.52		9.39	8.75				

Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)*Omega Timing (2021) - diamond league race analysis*

date	23-May-21	time	3.0	5.2	7.4	9.7	12.21	12.21	8 / 7
reaction time	0.177	interval		2.20	2.20	2.26	2.55		# of strides
wind	-4.2 m/s	velocity	6.67	9.09	9.09	8.85	7.84	8.19	52.0

Seedo, N'Ketia (NED) (2003)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****National FINAL - 2023 Weltklasse (Zürich, SUI)***Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.03	3.19	4.23	5.24	6.24	7.25	8.26	9.29	10.34	11.42	11.42	5 / 4
reaction time	0.161	interval		1.16	1.04	1.01	1.00	1.01	1.01	1.03	1.05	1.08		# of strides
wind	-0.1 m/s	velocity	4.93	8.62	9.62	9.90	10.00	9.90	9.90	9.71	9.52	9.26	8.76	4.23 3.02 3.09 7.09 9.93 9.71

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

date	04-Jun-23	time	2.02	3.16	4.19	5.19	6.17	7.14	8.13	9.13	10.15	11.22	11.22	6 / 5
reaction time		interval		1.14	1.03	1.00	0.98	0.97	0.99	1.00	1.02	1.07		# of strides
wind	-0.1 m/s	velocity	4.95	8.77	9.71	10.00	10.20	10.31	10.10	10.00	9.80	9.35	8.91	4.19 2.95 3.01 7.16 10.17 9.97

FINAL - 2022 Athletissima (Lausanne, SUI)*Omega Timing (2022) - diamond league race analysis*

date	26-Aug-22	time	3.18	5.25	7.25	9.29	11.41	11.41	8 / 7
reaction time	0.181	interval		2.07	2.00	2.04	2.12		# of strides
wind	0.0 m/s	velocity	6.29	9.66	10.00	9.80	9.43	8.76	52.2

B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)*Omega Timing (2022) - diamond league race analysis*

date	26-Aug-22	time	3.1	5.2	7.1	9.1	11.28	11.28	4 / 1
reaction time	0.151	interval		2.10	1.90	2.00	2.18		# of strides
wind	-0.3 m/s	velocity	6.45	9.52	10.53	10.00	9.17	8.87	

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

date	06-Jun-22	time	3.2	5.2	7.2	9.3	11.48	11.48	1 / 6
reaction time	0.145	interval		2.00	2.00	2.10	2.18		# of strides
wind	0.8 m/s	velocity	6.25	10.00	10.00	9.52	9.17	8.71	53.5

Seidlová, Klára (CZE) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2013 Czech Republic National Championships (Tábor, CZE)***Feher (2013) - Final report from the men's & women's Czech Republic national championships*

date	15-Jun-13	time	2.19	3.30	4.38	5.40	6.44	7.48	8.54	9.62	10.73	11.85	11.85	7 / 5
reaction time	0.150	interval		1.11	1.08	1.02	1.04	1.04	1.06	1.08	1.11	1.12		# of strides
wind	-0.2 m/s	velocity	4.57	9.01	9.26	9.80	9.62	9.62	9.43	9.26	9.01	8.93	8.44	4.38 3.10 3.25 6.85 9.68 9.23

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	3.28	5.41	7.50	9.66	11.93	11.93	5 / 2
reaction time	0.133	interval		2.13	2.09	2.16	2.27		# of strides
wind	-1.1 m/s	velocity	6.10	9.39	9.57	9.26	8.81	8.38	

Sejkorová, Michaela (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	2.32	3.58	4.75	5.90	7.05	8.23	9.40	10.61	11.82	13.06	13.06	8 / 7
reaction time	0.211	interval		1.26	1.17	1.15	1.15	1.18	1.17	1.21	1.21	1.24		# of strides
wind	-6.4 m/s	velocity	4.31	7.94	8.55	8.70	8.70	8.47	8.55	8.26	8.26	8.06	7.66	4.75 3.48 3.59 6.32 8.62 8.36

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	3.50	5.78	8.03	10.34	12.75	12.75	5 / 2
reaction time	0.161	interval		2.28	2.25	2.31	2.41		# of strides
wind	-1.7 m/s	velocity	5.71	8.77	8.89	8.66	8.30	7.84	

Seko, Nodoka (JPN) (1991)**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)***Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	02-Jun-19	time	2.04	3.24	4.33	5.39	6.44	7.49	8.55	9.64	10.75	11.90	11.90	6 / 6
reaction time	0.137	interval		1.20	1.09	1.06	1.05	1.05	1.06	1.09	1.11	1.15		# of strides
wind	-2.2 m/s	velocity	4.90	8.33	9.17	9.43	9.52	9.52	9.43	9.17	9.01	8.70	8.40	4.33 3.16 3.26 54.6 6.93 9.49 9.20

FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	19-May-19	time	2.03	3.23	4.34	5.41	6.47	7.54	8.62	9.72	10.83	11.98	11.98	6 / 7
reaction time	0.151	interval		1.20	1.11	1.07	1.06	1.07	1.08	1.10	1.11	1.15		# of strides
wind	-2.2 m/s	velocity	4.93	8.33	9.01	9.35	9.43	9.35	9.26	9.09	9.01	8.70	8.35	4.34 3.20 3.29 54.7 6.91 9.38 9.12

FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	28-Apr-19	time	2.08	3.27	4.36	5.42	6.47	7.51	8.57	9.63	10.72	11.83	11.83	1 / 6
reaction time		interval		1.19	1.09	1.06	1.05	1.04	1.06	1.06	1.09	1.11		# of strides
wind	1.9 m/s	velocity	4.81	8.40	9.17	9.43	9.52	9.62	9.43	9.43	9.17	9.01	8.45	4.36 3.15 3.21 54.5 6.88 9.52 9.35

FINAL - 2018 National Sports Festival (Fukui, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	06-Oct-18	time	2.01	3.26	4.41	5.52	6.62	7.72	8.82	9.94	11.07	12.21	12.21	3 / 1
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reaction time	0.113	interval	1.25	1.15	1.11	1.10	1.10	1.10	1.12	1.13	1.14	# of strides	4.41	3.31	3.35	
wind	-2.8 m/s	velocity	4.98	8.00	8.70	9.01	9.09	9.09	9.09	8.93	8.85	8.77	56.1	6.80	9.06	8.96

FINAL - 2018 Japanese Corporate Championships (Osaka, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Sep-18	time	1.98	3.15	4.23	5.28	6.32	7.36	8.41	9.47	10.56	11.66	11.66	4 / 1			
reaction time	0.112	interval	1.17	1.08	1.05	1.04	1.04	1.05	1.06	1.09	1.10		# of strides	4.23	3.13	3.20	
wind	-0.1 m/s	velocity	5.05	8.55	9.26	9.52	9.62	9.62	9.52	9.43	9.17	9.09	8.58	54.9	7.09	9.58	9.38

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Jun-18	time	2.02	3.20	4.28	5.32	6.34	7.37	8.41	9.46	10.54	11.64	11.64	5 / 1			
reaction time	0.149	interval	1.18	1.08	1.04	1.02	1.03	1.04	1.05	1.08	1.10		# of strides	4.28	3.09	3.17	
wind	0.8 m/s	velocity	4.95	8.47	9.26	9.62	9.80	9.71	9.62	9.52	9.26	9.09	8.59	54.8	7.01	9.71	9.46

FINAL - 2018 Fuse Sprint (Tottori, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	03-Jun-18	time	1.99	3.16	4.22	5.25	6.27	7.28	8.31	9.35	10.41	11.50	11.50	5 / 4			
reaction time		interval	1.17	1.06	1.03	1.02	1.01	1.03	1.04	1.06	1.09		# of strides	4.22	3.06	3.13	
wind	1.8 m/s	velocity	5.03	8.55	9.43	9.71	9.80	9.90	9.71	9.62	9.43	9.17	8.70	58.0	7.11	9.80	9.58

FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	29-Apr-18	time	2.02	3.20	4.28	5.31	6.34	7.36	8.39	9.46	10.56	11.66	11.66	7 / 4		
reaction time		interval	1.18	1.08	1.03	1.03	1.02	1.03	1.07	1.10	1.10		# of strides	4.28	3.08	3.20
wind	1.3 m/s	velocity	4.95	8.47	9.26	9.71	9.71	9.80	9.71	9.35	9.09	9.09	8.58	7.01	9.74	9.38

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	2.05	3.23	4.32	5.37	6.40	7.43	8.47	9.52	10.59	11.68	11.68	/ 2			
reaction time		interval	1.18	1.09	1.05	1.03	1.03	1.04	1.05	1.07	1.09		# of strides	4.32	3.11	3.16	
wind	2.1 m/s	velocity	4.88	8.47	9.17	9.52	9.71	9.71	9.62	9.52	9.35	9.17	8.56	54.9	6.94	9.65	9.49

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

date	25-Jun-16	time	2.02	3.19	4.27	5.31	6.35	7.39	8.46	9.53	10.63	11.75	11.75	5 / 3			
reaction time	0.145	interval	1.17	1.08	1.04	1.04	1.04	1.07	1.07	1.10	1.12		# of strides	4.27	3.12	3.24	
wind	-0.2 m/s	velocity	4.95	8.55	9.26	9.62	9.62	9.62	9.35	9.35	9.09	8.93	8.51	54.5	7.03	9.62	9.26

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

date	05-Jun-16	time	2.02	3.18	4.24	5.28	6.31	7.33	8.37	9.42	10.48	11.57	11.57	/ 1			
reaction time		interval	1.16	1.06	1.04	1.03	1.02	1.04	1.05	1.06	1.09	PB	# of strides	4.24	3.09	3.15	
wind	0.7 m/s	velocity	4.95	8.62	9.43	9.62	9.71	9.80	9.62	9.52	9.43	9.17	8.64	54.3	7.08	9.71	9.52

Heat 6 - 2016 Fuse Sprint (Tottori, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	05-Jun-16	time	2.04	3.21	4.28	5.32	6.35	7.39	8.44	9.50	10.57	11.68	11.68	/ 1			
reaction time		interval	1.17	1.07	1.04	1.03	1.04	1.05	1.06	1.07	1.11		# of strides	4.28	3.11	3.18	
wind	1.1 m/s	velocity	4.90	8.55	9.35	9.62	9.71	9.62	9.52	9.43	9.35	9.01	8.56	54.8	7.01	9.65	9.43

Semi-Final 1 - 2015 Japanese National Championships (Niigata, JPN) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

date	28-Jun-15	time	2.03	3.17	4.26	5.31	6.35	7.39	8.46	9.56	10.67	11.80	11.80	5 / 2			
reaction time	0.162	interval	1.14	1.09	1.05	1.04	1.04	1.04	1.07	1.10	1.11	1.13		# of strides	4.26	3.13	3.28
wind	1.9 m/s	velocity	4.93	8.77	9.17	9.52	9.62	9.62	9.35	9.09	9.01	8.85	8.47	55.7	7.04	9.58	9.15

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

date	10-May-15	time	2.03	3.19	4.28	5.32	6.36	7.40	8.44	9.50	10.57	11.65	11.65	7 / 6		
reaction time		interval	1.16	1.09	1.04	1.04	1.04	1.04	1.06	1.07	1.08		# of strides	4.28	3.12	3.17
wind	1.2 m/s	velocity	4.93	8.62	9.17	9.62	9.62	9.62	9.43	9.35	9.26	8.58	55.5	7.01	9.62	9.46

FINAL - 2009 Japanese National High School Championships (Nara, JPN) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time		4.27	5.30	6.33	7.37	8.45	9.48		11.68	11.68	4 / 1		
reaction time		interval		1.03	1.03	1.04	1.08	1.03		2.20		# of strides	4.27	3.10	
wind	1.6 m/s	velocity		7.03	9.71	9.71	9.62	9.26	9.71	9.09	8.56		7.03	9.68	

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	2.13	3.31	4.39	5.44	6.48	7.54	8.60	9.68	10.78	11.92	11.92	/ 2		
reaction time		interval	1.18	1.08	1.05	1.04	1.06	1.06	1.08	1.10	1.14		# of strides	4.39	3.15	3.24
wind	0.4 m/s	velocity	9.39	8.47	9.26	9.52	9.62	9.43	9.43	9.26	9.09	8.77	8.39	6.83	9.52	9.26

Semedo, Gorete (STP) (1996) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 2 - 2024 Olympic Games (Paris, FRA)** *Paris 2024 Olympc Games - Results Book (2024)*

date	02-Aug-24	time	2.12	3.28	4.33	5.35	6.32	7.32	8.33	9.35	10.39	11.43	11.43	1 / 6			
reaction time	0.189	interval	1.16	1.05	1.02	0.97	1.00	1.01	1.02	1.04	1.04		# of strides	4.33	2.99	3.07	
wind	-0.8 m/s	velocity	4.72	8.62	9.52	9.80	10.31	10.00	9.90	9.80	9.62	9.62	8.75	49.2	6.93	10.03	9.77

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

date	02-Aug-24	time	2.14	3.30	4.37	5.37	6.34	7.32	8.33	9.34	10.39	11.44	11.44	9 / 1		
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reaction time	0.190	interval	1.16	1.07	1.00	0.97	0.98	1.01	1.01	1.05	1.05		# of strides	4.37	2.95	3.07	
wind	1.1 m/s	velocity	4.67	8.62	9.35	10.00	10.31	10.20	9.90	9.90	9.52	9.52	8.74	49.2	6.86	10.17	9.77

Sesay, Georgiana (SLE) (2004)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 2 - 2024 Olympic Games (Paris, FRA)																	
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.12	3.33	4.45	5.53	6.60	7.69	8.79	9.89	11.00	12.15	12.15		3 / 9		
reaction time	0.174	interval	1.21	1.12	1.08	1.07	1.09	1.10	1.10	1.11	1.15		# of strides	4.45	3.24	3.31	
wind	-0.8 m/s	velocity	4.72	8.26	8.93	9.26	9.35	9.17	9.09	9.09	9.01	8.70	8.23	50.2	6.74	9.26	9.06
Setoguchi, Nagisa (JPN) (1979)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
B 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	2.09	3.26	4.34	5.40	6.44	7.50	8.57	9.66	10.78	11.93	11.93		1 / 1		
reaction time		interval	1.17	1.08	1.06	1.04	1.06	1.07	1.09	1.12	1.15		# of strides	4.34	3.16	3.28	
wind	0.5 m/s	velocity	4.78	8.55	9.26	9.43	9.62	9.43	9.35	9.17	8.93	8.70	8.38	6.91	9.49	9.15	
Sevilla, Paula (ESP) (1997)	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)																	
<i>European Athletics (2019) - race analysis</i>																	
date	09-Sep-19	time				6.58					11.82	11.82	11.82		3 / 8		
reaction time	0.196	interval									5.24		# of strides				
wind	-0.8 m/s	velocity				7.60					9.54	8.46	53.5				
Seyni, Aminatou (NIG) (1996)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2022 Memorial van Damme (Brussels, BEL)																	
<i>Omega Timing (2022) - diamond league race analysis</i>																	
date	02-Sep-22	time	3.24	5.26	7.19	9.14	11.15	11.15	11.15	11.15	11.15	11.15	11.15		1 / 7		
reaction time	0.196	interval	2.02	1.93	1.95	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01	# of strides	47.7		
wind	0.6 m/s	velocity	6.17	9.90	10.36	10.26	9.95	8.97									
Shibafuji, Nao (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	2.05	3.25	4.36	5.44	6.52	7.60	8.70	9.81	10.93	12.07	12.07	12.07	4 / 2		
reaction time	0.210	interval	1.20	1.11	1.08	1.08	1.10	1.11	1.12	1.14	1.14	1.14	1.14	# of strides	4.36	3.24	3.33
wind	-2.9 m/s	velocity	4.88	8.33	9.01	9.26	9.26	9.09	9.01	8.93	8.77	8.29	8.29	6.88	9.26	9.01	
Shibayama, Sayaka (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	4.33	5.40	6.44	7.52	8.58	9.66	10.75	11.89	11.89	11.89	11.89		1 / 2		
reaction time		interval	1.07	1.04	1.08	1.06	1.08	1.09	1.14	1.14	1.14	1.14	1.14	# of strides	4.33	3.19	3.23
wind	-1.2 m/s	velocity	6.93	9.35	9.62	9.26	9.43	9.26	9.17	8.77	8.41	8.41	8.41	6.93	9.40	9.29	
Shigenaga, Noriko (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	2.11	3.31	4.40	5.46	6.52	7.59	8.67	9.77	10.90	12.04	12.04	12.04	1 / 6		
reaction time		interval	1.20	1.09	1.06	1.06	1.07	1.08	1.10	1.13	1.14	1.14	1.14	# of strides	4.40	3.19	3.31
wind	-0.5 m/s	velocity	4.74	8.33	9.17	9.43	9.43	9.35	9.26	9.09	8.85	8.77	8.31	6.82	9.40	9.06	
Shimada, Sae (JPN) (1994)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 2018 Fuse Sprint (Tottori, JPN)																	
<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																	
date	03-Jun-18	time	2.02	3.20	4.29	5.34	6.39	7.45	8.51	9.59	10.69	11.81	11.81	11.81	9 / 8		
reaction time		interval	1.18	1.09	1.05	1.05	1.06	1.06	1.08	1.10	1.12	1.12	1.12	# of strides	4.29	3.16	3.24
wind	1.8 m/s	velocity	4.95	8.47	9.17	9.52	9.52	9.43	9.43	9.26	9.09	8.93	8.47	52.4	6.99	9.49	9.26
Heat 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	2.02	3.19	4.27	5.32	6.38	7.44	8.51	9.60	10.71	11.83	11.83	11.83	1 / 3		
reaction time	0.103	interval	1.17	1.08	1.05	1.06	1.06	1.07	1.09	1.11	1.12	1.12	1.12	# of strides	4.27	3.17	3.27
wind	-0.1 m/s	velocity	4.95	8.55	9.26	9.52	9.43	9.43	9.35	9.17	9.01	8.93	8.45	53.1	7.03	9.46	9.17
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				6.54	7.62	8.71	9.83	10.99	12.18	12.18	12.18	2 / 8			
reaction time		interval					1.08	1.09	1.12	1.16	1.19	1.19	1.19	# of strides		3.37	
wind	-0.3 m/s	velocity				7.65	9.26	9.17	8.93	8.62	8.40	8.21	8.21			8.90	
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)																	
<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																	
date	04-Aug-11	time				6.54	7.63	8.72	9.82	10.97	12.15	12.15	12.15	3 / 5			
reaction time		interval					1.09	1.09	1.10	1.15	1.18	1.18	1.18	# of strides		3.34	
wind	-1.0 m/s	velocity				7.65	9.17	9.17	9.09	8.70	8.47	8.23	8.23			8.98	
Shimada, Yukina (JPN) (1998)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 7 - 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	2.10	3.26	4.31	5.34	6.37	7.42	8.49	9.59	10.71	11.84	11.84	11.84	1 / 6		
reaction time		interval	1.16	1.05	1.03	1.03	1.05	1.07	1.10	1.12	1.13	1.13	1.13	# of strides	4.31	3.11	3.29
wind	1.1 m/s	velocity	4.76	8.62	9.52	9.71	9.71	9.52	9.35	9.09	8.93	8.85	8.45	48.8	6.96	9.65	9.12

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Shimizu, Megumi (JPN) (1987)																	
Semi-Final 1 - 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	2.02	3.17	4.25	5.31	6.36	7.41	8.48	9.57	10.68	11.83	11.83	4 / 2			
reaction time		interval		1.15	1.08	1.06	1.05	1.05	1.07	1.09	1.11	1.15		# of strides	4.25	3.16	3.27
wind	0.6 m/s	velocity	4.95	8.70	9.26	9.43	9.52	9.52	9.35	9.17	9.01	8.70	8.45	49.2	7.06	9.49	9.17
Heat 1 - 2011 Japanese National Championships (Kumagaya, JPN)		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>															
date	10-Jun-11	time	2.03	3.20	4.28	5.33	6.37	7.40	8.46	9.54	10.64	11.75	11.75	/ 1			
reaction time		interval		1.17	1.08	1.05	1.04	1.03	1.06	1.08	1.10	1.11		# of strides	4.28	3.12	3.24
wind	0.3 m/s	velocity	4.93	8.55	9.26	9.52	9.62	9.71	9.43	9.26	9.09	9.01	8.51	49.3	7.01	9.62	9.26
Shinai, Kanetaka (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		4.55		6.80						12.44	12.44	6 / 6			
reaction time	0.185	interval				2.25						5.64		# of strides	4.55		
wind	-1.8 m/s	velocity		6.59		2.94						8.87	8.04	49.0	6.59		
Sidibé, Odiah (FRA) (1970)																	
FINAL - 2002 European Championships (Munich, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	07-Aug-02	time		3.28	4.35	5.38		7.41		9.47		11.57	11.57	/ 7			
reaction time	0.162	interval			1.07	1.03		2.03		2.06		2.10		# of strides	4.35	3.06	
wind	-0.7 m/s	velocity		6.10	9.35	9.71		9.85		9.71		9.52	8.64		6.90	9.80	
Semi-Final 2 - 2002 European Championships (Munich, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	07-Aug-02	time		3.25	4.30	5.31		7.32		9.34		11.42	11.42	/ 4			
reaction time	0.181	interval			1.05	1.01		2.01		2.02		2.08		# of strides	4.30	3.02	
wind	0.3 m/s	velocity		6.15	9.52	9.90		9.95		9.90		9.62	8.76		6.98	9.93	
B FINAL - 2001 European Cup (Bremen, GER)		<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>															
date	23-Jun-01	time		3.32	4.41	5.46		7.52		9.58		11.71	11.71	/ 6			
reaction time	0.119	interval			1.09	1.05		2.06		2.06		2.13		# of strides	4.41	3.11	
wind	1.8 m/s	velocity		6.02	9.17	9.52		9.71		9.71		9.39	8.54		6.80	9.65	
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	2.06	3.20	4.27	5.24	6.25	7.25					7.25	/ 1			
reaction time		interval		1.14	1.07	0.97	1.01	1.00						# of strides	4.27	2.98	
		velocity	4.85	8.77	9.35	10.31	9.90	10.00					8.28		7.03	10.07	
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	2.12	3.26	4.30	5.31	6.31	7.31					7.31	/ 1			
reaction time		interval		1.14	1.04	1.01	1.00	1.00						# of strides	4.30	3.01	
		velocity	4.72	8.77	9.62	9.90	10.00	10.00					8.21		6.98	9.97	
Simpson, Sherone (JAM) (1984)																	
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	2.07	3.19	4.23	5.22	6.20	7.17	8.14	9.13	10.13	11.15	11.15	/ 1			
reaction time		interval		1.12	1.04	0.99	0.98	0.97	0.97	0.99	1.00	1.02		# of strides	4.23	2.94	2.96
wind	-0.8 m/s	velocity	4.83	8.93	9.62	10.10	10.20	10.31	10.31	10.10	10.00	9.80	8.97		7.09	10.20	10.14
Simwaka, Asimenye (MAW) (1997)																	
Heat 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.11	3.31	4.41	5.46	6.49	7.53	8.59	9.67	10.76	11.91	11.91	/ 8			
reaction time	0.152	interval		1.20	1.10	1.05	1.03	1.04	1.06	1.08	1.09	1.15		# of strides	4.41	3.12	3.23
wind	0.1 m/s	velocity	4.74	8.33	9.09	9.52	9.71	9.62	9.43	9.26	9.17	8.70	8.40	52.5	6.80	9.62	9.29
Singa, Odile (FRA) (1967)																	
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	2.05	3.24	4.30	5.36	6.40	7.47					7.47	/ 6			
reaction time		interval		1.19	1.06	1.06	1.04	1.07						# of strides	4.30	3.17	
		velocity	4.88	8.40	9.43	9.43	9.62	9.35					8.03		6.98	9.46	
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	2.04	3.22	4.29	5.35	6.39	7.46					7.46	/ 3			
reaction time		interval		1.18	1.07	1.06	1.04	1.07						# of strides	4.29	3.17	
		velocity	4.90	8.47	9.35	9.43	9.62	9.35					8.04		6.99	9.46	
Siragusa, Irene (ITA) (1993)																	
FINAL - 2020 Memorial Van Damme (Brussels, BEL)		<i>Omega Timing (2020) - diamond league race analysis</i>															
date	04-Sep-20	time		3.3		5.4		7.4		9.5		11.57	11.57	6 / 3			
reaction time	0.147	interval				2.10		2.00		2.10		2.07		# of strides			

wind	0.2 m/s	velocity	6.06	9.52	10.00	9.52	9.66	8.64	54.0										
Sjöberg, Nikki (SWE) (1998)																			
B FINAL - 2017 Windsprint (Sundsvall, SWE)															<i>(2017) - www.windsprint/Splittider/</i>				
date	30-Jul-17	time	4.42		6.52	7.56			11.89	11.89	5 / 1								
reaction time		interval			2.10	1.04			4.33	=PB	# of strides	4.42	3.14						
wind	1.6 m/s	velocity	6.79		9.52	9.62			9.24	8.41		6.79	9.55						
A FINAL - 2016 Windsprint (Sundsvall, SWE)																			
<i>(2016) - www.windsprint/Splittider/</i>																			
date	31-Jul-16	time	4.50			7.69			12.06	12.06	6 / 5								
reaction time		interval				3.19			4.37		# of strides	4.50	3.19						
wind	2.0 m/s	velocity	6.67			9.40			9.15	8.29		6.67	9.40						
Heat 1 - 2016 Windsprint (Sundsvall, SWE)																			
<i>(2016) - www.windsprint/Splittider/</i>																			
date	31-Jul-16	time	4.49			7.69			12.07	12.07	2 / 4								
reaction time		interval				3.20			4.38		# of strides	4.49	3.20						
wind	-0.3 m/s	velocity	6.68			9.38			9.13	8.29		6.68	9.38						
Skagersten, Lisa (SWE) (1992)																			
C FINAL - 2015 Windsprint (Sundsvall, SWE)															<i>(2015) - www.windsprint/Splittider/</i>				
date	26-Jul-15	time				8.05		10.34	12.64	12.64	7 / 6								
reaction time		interval						2.29	2.30		# of strides								
wind	0.1 m/s	velocity				7.45		8.73	8.70	7.91									
Školová, Andrea (CZE) (1996)																			
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)															<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.26	3.53	4.67	5.79	6.89	8.02			8.02	8 / 7							
reaction time	0.187	interval	1.27	1.14	1.12	1.10	1.13					# of strides	4.67	3.35					
		velocity	4.42	7.87	8.77	8.93	9.09	8.85			7.48		6.42	8.96					
Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																			
<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																			
date	25-Feb-12	time	2.25	3.49	4.64	5.76	6.85	7.95			7.95	6 / 4							
reaction time	0.198	interval	1.24	1.15	1.12	1.09	1.10					# of strides	4.64	3.31					
		velocity	4.44	8.06	8.70	8.93	9.17	9.09			7.55		6.47	9.06					
Skugge, Julia (SWE) (1988)																			
FINAL - 2012 Windsprint (Sundsvall, SWE)															<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
date	17-Jun-12	time			4.32		7.40	9.49	11.65	11.65	4 / 2								
reaction time		interval					3.08	2.09	2.16		# of strides	4.32	3.08						
wind	1.0 m/s	velocity			6.94		9.74	9.57	9.26	8.58		6.94	9.74						
FINAL - 2011 Windsprint (Sundsvall, SWE)																			
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																			
date	31-Jul-11	time			4.38		7.52	9.64	11.89	11.89	3 / 6								
reaction time		interval					3.14	2.12	2.25		# of strides	4.38	3.14						
wind	0.2 m/s	velocity			6.85		9.55	9.43	8.89	8.41		6.85	9.55						
FINAL - 2009 Windsprint (Sundsvall, SWE)																			
<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>																			
date	25-Jul-09	time			4.39		7.52	9.63	11.85	11.85	/ 5								
reaction time		interval					3.13	2.11	2.22		# of strides	4.39	3.13						
wind	2.0 m/s	velocity			6.83		9.58	9.48	9.01	8.44		6.83	9.58						
FINAL - 2008 Windsprint (Sundsvall, SWE)																			
<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>																			
date	06-Jul-08	time			4.42		7.57	9.70	11.90	11.90	7 / 7								
reaction time		interval					3.15	2.13	2.20		# of strides	4.42	3.15						
wind	1.0 m/s	velocity			6.79		9.52	9.39	9.09	8.40		6.79	9.52						
Slavetinská, Karolína (CZE) (1997)																			
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		3.62	5.99		8.32	10.68	13.15	13.15	6 / 5								
reaction time	0.221	interval			2.37		2.33	2.36	2.47		# of strides								
wind	-1.7 m/s	velocity		5.52	8.44		8.58	8.47	8.10	7.60									
Slettum, Elisabeth (NOR) (1986)																			
A FINAL - 2015 Windsprint (Sundsvall, SWE)															<i>(2015) - www.windsprint/Splittider/</i>				
date	26-Jul-15	time		4.51		7.66		9.78	11.95	11.95	2 / 5								
reaction time		interval				3.15		2.12	2.17		# of strides	4.51	3.15						
wind	0.9 m/s	velocity		6.65		9.52		9.43	9.22	8.37		6.65	9.52						
A FINAL - 2014 Windsprint (Sundsvall, SWE)																			
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																			
date	20-Jul-14	time		4.59		7.77		9.88	12.04	12.04	6 / 6								
reaction time		interval				3.18		2.11	2.16		# of strides	4.59	3.18						

wind	1.2 m/s	velocity	6.54	9.43	9.48	9.26	8.31	6.54	9.43
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B FINAL - 2013 Windsprint (Sundsvall, SWE)(2013) - www.ssg.se/windsprint/Splittider/

date	28-Jul-13	time	4.56	7.66	9.73	11.85	11.85	4 / 3	
reaction time		interval		3.10	2.07	2.12		# of strides	4.56 3.10
wind	2.6 m/s	velocity	6.58	9.68	9.66	9.43	8.44		6.58 9.68

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

date	17-Jun-12	time	4.77	8.11	10.33	12.63	12.63	/ 6	
reaction time		interval		3.34	2.22	2.30		# of strides	4.77 3.34
wind	0.6 m/s	velocity	6.29	8.98	9.01	8.70	7.92		6.29 8.98

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

date	25-Jul-09	time	4.67	7.90	10.03	12.27	12.27	/ 3	
reaction time		interval		3.23	2.13	2.24		# of strides	4.67 3.23
wind	2.5 m/s	velocity	6.42	9.29	9.39	8.93	8.15		6.42 9.29

Slyusar, Irina (URS) (1963)**FINAL - 1987 European Cup (Prague, TCH)***Sušanka (1987) - hints on computer processing of biomechanical data*

date	28-Jun-87	time	2.09	3.26	4.29	5.29	6.30	7.30	8.34	9.38	10.43	11.49	11.49	2 / 8			
reaction time		interval		1.17	1.03	1.00	1.01	1.00	1.04	1.04	1.05	1.06		# of strides	4.29	3.01	3.13
wind	-0.4 m/s	velocity	4.78	8.55	9.71	10.00	9.90	10.00	9.62	9.62	9.52	9.43	8.70	52.7	6.99	9.97	9.58

Smedley, Melinda (USA) (1981)**Heat 2 - 2008 USA Olympic Trials (Eugene, OR)***USATF Women's Sprint Development with HPC (2008)*

date	27-Jun-08	time	2.07	3.19	4.24	5.26	6.24	7.26	8.26	9.29	10.28	11.42	11.42	6 / 6			
reaction time		interval		1.12	1.05	1.02	0.98	1.02	1.00	1.03	0.99	1.14		# of strides	4.24	3.02	3.02
wind	3.5 m/s	velocity	4.83	8.93	9.52	9.80	10.20	9.80	10.00	9.71	10.10	8.77	8.76		7.08	9.93	9.93

Quarter-Final 3 - 2004 USA Olympic Trials (Sacramento, CA)*USATF Women's Sprint Development (2004)*

date	09-Jul-04	time	2.14	3.30	4.40	5.46	6.47	7.54	8.59	9.67	10.76	11.91	11.91	5 / 5 4			
reaction time		interval		1.16	1.10	1.06	1.01	1.07	1.05	1.08	1.09	1.15		# of strides	4.40	3.14	3.22
wind	-1.0 m/s	velocity	4.67	8.62	9.09	9.43	9.90	9.35	9.52	9.26	9.17	8.70	8.40	54.5	6.82	9.55	9.32

Smibacker, Stina (SWE) (1983)**FINAL - 2007 Windsprint (Sundsvall, SWE)**(2007) - www.ssg.se/en/Windsprint/Split-times/

date	24-Jul-07	time		4.46				7.69	9.83		12.10	12.10	12.10	1 / 5			
reaction time		interval						3.23	2.14		2.27			# of strides	4.46	3.23	
wind	1.0 m/s	velocity		6.73				9.29	9.35		8.81	8.26	8.26		6.73	9.29	

Smith, Caitland (USA) (1996)**FINAL - 2019 The Match - Europe v USA (Minsk, BLR)***European Athletics (2019) - race analysis*

date	09-Sep-19	time				6.41					11.59	11.59	11.59	6 / 6			
reaction time	0.181	interval									5.18			# of strides			
wind	-0.8 m/s	velocity				7.80					9.65	8.63	8.63	51.5			

Smith, Caryl (USA) (1969)**FINAL - 1986 IAAF World Junior Championships (Athens, GRE)***Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	17-Jul-86	time	2.08	3.26	4.42	5.36	6.35	7.35	8.34	9.45	10.40	11.45	11.45	1 / 2			
reaction time	0.159	interval		1.18	1.16	0.94	0.99	1.00	0.99	1.11	0.95	1.05		# of strides	4.42	2.93	3.05
wind	0.9 m/s	velocity	4.81	8.47	8.62	10.64	10.10	10.00	10.10	9.01	10.53	9.52	8.73		6.79	10.24	9.84

Smith, Jonielle (JAM) (1996)**FINAL - 2019 Meeting de Paris (Paris, FRA)***Omega Timing (2019) - diamond league race analysis*

date	24-Aug-19	time			6.2						11.17	11.17	11.17	1 / 6			
reaction time	0.146	interval									4.97			# of strides			
wind	-0.2 m/s	velocity			8.06						10.06	8.95	8.95	49.0			

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

date	18-Aug-19	time		3.2		5.3		7.3		9.3		11.37	11.37	7 / 5			
reaction time	0.140	interval				2.1		2.0		2.0		2.07		# of strides			
wind	-0.9 m/s	velocity		6.25		9.52		10.00		10.00		9.66	8.80	49.5			

Smith, Rachelle (USA) (1981)**FINAL - 2006 USATF National Championships (Indianapolis, IN)***USATF Women's Sprint Development (2006)*

date	23-Jun-06	time	2.09	3.20	4.25	5.27	6.22	7.22	8.18	9.18	10.19	11.21	11.21	5 / 4 3			
reaction time		interval		1.11	1.05	1.02	0.95	1.00	0.96	1.00	1.01	1.02		# of strides	4.25	2.97	2.97
wind	-0.9 m/s	velocity	4.78	9.01	9.52	9.80	10.53	10.00	10.42	10.00	9.90	9.80	8.92	49.0	7.06	10.10	10.10

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

date	25-Jun-05	time	2.02	3.17	4.23	5.28	6.27	7.27	8.23	9.26	10.28	11.31	11.31	4 / 4			
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reaction time	interval	1.15	1.06	1.05	0.99	1.00	0.96	1.03	1.02	1.03			# of strides	4.23	3.04	3.01	
wind	-1.6 m/s	velocity	4.95	8.70	9.43	9.52	10.10	10.00	10.42	9.71	9.80	9.71	8.84	50.5	7.09	9.87	9.97
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.02	3.17	4.17	5.14	6.13	7.13	8.06	9.03	10.01	11.02	11.02	5 / 1			
reaction time		interval	1.15	1.00	0.97	0.99	1.00	0.93	0.97	0.98	1.01			# of strides	4.17	2.96	2.88
wind	2.1 m/s	velocity	4.95	8.70	10.00	10.31	10.10	10.00	10.75	10.31	10.20	9.90	9.07		7.19	10.14	10.42
Heat 3 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	2.05	3.22	4.24	5.22	6.26	7.22	8.22	9.21	10.23	11.23	11.23	6 / 3			
reaction time		interval	1.17	1.02	0.98	1.04	0.96	1.00	0.99	1.02	1.00			# of strides	4.24	2.98	3.01
wind	1.4 m/s	velocity	4.88	8.55	9.80	10.20	9.62	10.42	10.00	10.10	9.80	10.00	8.90		7.08	10.07	9.97
Smith-Barnett, Destiny (LBR) (1996) 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	02-Aug-24	time	2.00	3.20	4.30	5.36	6.40	7.49	8.57	9.67	10.80	11.99	11.99	7 / 8			
reaction time	0.139	interval	1.20	1.10	1.06	1.04	1.09	1.08	1.10	1.13	1.19			# of strides	4.30	3.19	3.31
wind	-0.8 m/s	velocity	5.00	8.33	9.09	9.43	9.62	9.17	9.26	9.09	8.85	8.40	8.34	53.0	6.98	9.40	9.06
Smith-Barnett, Destiny (USA) (1996)													<i>Omega Timing (2022) - diamond league race analysis</i>				
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)																	
date	21-May-22	time	3.13		5.21		7.20		9.23		11.35		11.35	1 / 6			
reaction time	0.127	interval			2.08		1.99		2.03		2.12			# of strides			
wind	-0.1 m/s	velocity			6.39		9.62		10.05		9.85		9.43	8.81	52.5		
Smolarek, Joanna (POL) (1965) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1991 European Cup (Frankfurt, GER)													<i>Federle (2003) - http://www.fgs.uni-halle.de</i>				
date	29-Jun-91	time		4.40		7.62		9.80		12.04		12.04	12.04	1 / 7			
reaction time		interval					3.22		2.18		2.24			# of strides	4.40	3.22	
wind	-2.7 m/s	velocity			6.82		9.32		9.17		8.93		8.31		6.82	9.32	
Sögenesand, Emelie (NOR) (1994) 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)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
date	20-Jul-14	time		4.74		8.21		10.59		13.06		13.06	13.06	5 / 3			
reaction time		interval					3.47		2.38		2.47			# of strides	4.74	3.47	
wind	3.1 m/s	velocity			6.33		8.65		8.40		8.10		7.66		6.33	8.65	
Solomon, Shalonda (USA) (1985) 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	28-Jun-08	time	2.09	3.19	4.24	5.24	6.21	7.16	8.18	9.13	10.16	11.18	11.18	8 / 8			
reaction time		interval	1.10	1.05	1.00	0.97	0.95	1.02	0.95	1.03	1.02			# of strides	4.24	2.92	3.00
wind	1.8 m/s	velocity	4.78	9.09	9.52	10.00	10.31	10.53	9.80	10.53	9.71	9.80	8.94	49.2	7.08	10.27	10.00
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.09	3.24	4.25	5.22	6.11	7.17	8.16	9.14	10.12	11.16	11.16	7 / 6			
reaction time		interval	1.15	1.01	0.97	0.89	1.06	0.99	0.98	0.98	1.04			# of strides	4.25	2.92	2.95
wind	0.7 m/s	velocity	4.78	8.70	9.90	10.31	11.24	9.43	10.10	10.20	10.20	9.62	8.96		7.06	10.27	10.17
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.07	3.20	4.20	5.21	6.19	7.16	8.14	9.13	10.16	11.16	11.16	6 / 5			
reaction time		interval	1.13	1.00	1.01	0.98	0.97	0.98	0.99	1.03	1.00			# of strides	4.20	2.96	3.00
wind	1.8 m/s	velocity	4.83	8.85	10.00	9.90	10.20	10.31	10.20	10.10	9.71	10.00	8.96		7.14	10.14	10.00
FINAL - 2006 USATF National Championships (Indianapolis, IN)													<i>USATF Women's Sprint Development (2006)</i>				
date	23-Jun-06	time	2.12	3.27	4.30	5.34	6.32	7.34	8.32	9.33	10.38	11.41	11.41	7 / 7			
reaction time		interval	1.15	1.03	1.04	0.98	1.02	0.98	1.01	1.05	1.03			# of strides	4.30	3.04	3.04
wind	-0.9 m/s	velocity	4.72	8.70	9.71	9.62	10.20	9.80	10.20	9.90	9.52	9.71	8.76	49.7	6.98	9.87	9.87
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.12	3.25	4.32	5.31	6.34	7.33	8.31	9.33	10.36	11.39	11.39	1 / 7			
reaction time		interval	1.13	1.07	0.99	1.03	0.99	0.98	1.02	1.03	1.03			# of strides	4.32	3.01	3.03
wind	2.1 m/s	velocity	4.72	8.85	9.35	10.10	9.71	10.10	10.20	9.80	9.71	9.71	8.78		6.94	9.97	9.90
Heat 3 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	2.08	3.25	4.34	5.36	6.39	7.36	8.38	9.38	10.39	11.46	11.46	3 / 4			
reaction time		interval	1.17	1.09	1.02	1.03	0.97	1.02	1.00	1.01	1.07			# of strides	4.34	3.02	3.03
wind	1.4 m/s	velocity	4.81	8.55	9.17	9.80	9.71	10.31	9.80	10.00	9.90	9.35	8.73		6.91	9.93	9.90
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)													<i>USATF Women's Sprint Development (2003)</i>				
date	22-Jun-03	time	2.12	3.27	4.35	5.37	6.39	7.37	8.34	9.34	10.38	11.40	11.40	5 / 1			
reaction time		interval	1.15	1.08	1.02	1.02	0.98	0.97	1.00	1.04	1.02			# of strides	4.35	3.02	3.01
wind	0.7 m/s	velocity	4.72	8.70	9.26	9.80	9.80	10.20	10.31	10.00	9.62	9.80	8.77		6.90	9.93	9.97

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Soma, Eriko (JPN) (1991)																	
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		4.35	5.41	6.43	7.48	8.59	9.66		11.89	11.89	3 / 7				
reaction time		interval			1.06	1.02	1.05	1.11	1.07		2.23		# of strides	4.35	3.13		
wind	1.6 m/s	velocity		6.90	9.43	9.80	9.52	9.01	9.35		8.97	8.41		6.90	9.58		
Sönnerfors, Marie (SWE) (1993)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)		<i>(2016) - www.windsprint/Splittider/</i>															
date	31-Jul-16	time		4.64			7.94				12.45	12.45	4 / 1				
reaction time		interval					3.30				4.51		# of strides	4.64	3.30		
wind	1.3 m/s	velocity		6.47			9.09				8.87	8.03		6.47	9.09		
Heat 2 - 2016 Windsprint (Sundsvall, SWE)		<i>(2016) - www.windsprint/Splittider/</i>															
date	31-Jul-16	time		4.64			7.96				12.54	12.54	4 / 3				
reaction time		interval					3.32				4.58		# of strides	4.64	3.32		
wind	1.8 m/s	velocity		6.47			9.04				8.73	7.97		6.47	9.04		
B FINAL - 2014 Windsprint (Sundsvall, SWE)		<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
date	20-Jul-14	time		4.57			7.80		9.99		12.23	12.23	3 / 5				
reaction time		interval					3.23		2.19		2.24		# of strides	4.57	3.23		
wind	2.3 m/s	velocity		6.56			9.29		9.13		8.93	8.18		6.56	9.29		
C FINAL - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
date	28-Jul-13	time		4.59			7.88		10.12		12.43	12.43	1 / 7				
reaction time		interval					3.29		2.24		2.31		# of strides	4.59	3.29		
wind	-0.1 m/s	velocity		6.54			9.12		8.93		8.66	8.05		6.54	9.12		
C FINAL - 2011 Windsprint (Sundsvall, SWE)		<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	31-Jul-11	time		4.48			7.78		9.96		12.20	12.20	3 / 1				
reaction time		interval					3.30		2.18		2.24		# of strides	4.48	3.30		
wind	1.2 m/s	velocity		6.70			9.09		9.17		8.93	8.20		6.70	9.09		
Sonneville, Camille (BEL) (2006)																	
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)		<i>Omega Timing (2023) - diamond league race analysis</i>															
date	08-Sep-23	time	2.09	3.30	4.40	5.46	6.52	7.57	8.65	9.74	10.85	11.99	11.99	3 / 2			
reaction time	0.144	interval		1.21	1.10	1.06	1.06	1.05	1.08	1.09	1.11	1.14		# of strides	4.40	3.17	3.28
wind	0.4 m/s	velocity	4.78	8.26	9.09	9.43	9.43	9.52	9.26	9.17	9.01	8.77	8.34		6.82	9.46	9.15
Soukalová, Veronika (CZE) (1989)																	
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		3.31			5.52		7.71		9.98	12.26	12.26	7 / 6			
reaction time	0.157	interval					2.21		2.19		2.27	2.28		# of strides			
wind	-1.3 m/s	velocity		6.04			9.05		9.13		8.81	8.77	8.16				
Soumaré, Myriam (FRA) (1986)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)		<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
date	03-Mar-13	time		3.11			5.14		7.11				7.11	4 / 3			
reaction time	0.159	interval					2.03		1.97					# of strides			
wind		velocity		6.43			9.85		10.15				8.44	34.0			
Heat 5 - 2009 IAAF World Championships (Berlin, GER)		<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>															
date	16-Aug-09	time		3.16	4.21	5.22		7.27		9.31		11.45	11.45	6 / 3			
reaction time	0.150	interval			1.05	1.01		2.05		2.04		2.14		# of strides	4.21	3.06	
wind	-0.7 m/s	velocity		6.33	9.52	9.90		9.76		9.80		9.35	8.73		7.13	9.80	
Sowe, Fatou (GAM) (1993)																	
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)		<i>Omega Timing (2020) - diamond league race analysis</i>															
date	23-Aug-20	time		3.3			5.3		7.4		9.4	11.53	11.53	1 / 8			
reaction time	0.140	interval					2.00		2.10		2.00	2.13	PB	# of strides			
wind	1.3 m/s	velocity		6.06			10.00		9.52		10.00	9.39	8.67	50.5			
Sprunger, Ellen (SUI) (1986)																	
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	27-Feb-16	time		4.44					7.56			7.56		1 / 5			
reaction time		interval							3.12					# of strides	4.44	3.12	
wind		velocity		6.76					9.62			7.94		31.6	6.76	9.62	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	27-Feb-16	time		4.45					7.62			7.62		1 / 3			
reaction time		interval							3.17					# of strides	4.45	3.17	

velocity	6.74	9.46	7.87	6.74	9.46
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Stankevich, Yekaterina (BLR) (1977)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
date	23-Jun-01	time	3.40	4.50	5.56	7.65	9.81	12.04	12.04	12.04	12.04	/ 8			
reaction time	0.292	interval	1.10	1.06	2.09	2.16	2.23	2.23	2.23	2.23	2.23	# of strides	4.50	3.15	
wind	-0.2 m/s	velocity	5.88	9.09	9.43	9.57	9.26	8.97	8.31	8.31	8.31		6.67	9.52	
Stecher, Renate (GDR) (1950)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR) Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76															
date	29-May-76	time	4.23		7.14	9.10	11.10	11.10	11.10	11.10	11.10	/ 1			
reaction time		interval	2.91	1.96	2.00	2.00	2.00	2.00	2.00	2.00	2.00	# of strides	4.23	2.91	
wind	1.3 m/s	velocity	7.09		10.31	10.20	10.00	9.01	9.01	9.01	9.01		7.09	10.31	
FINAL - 1973 East German Spitzenklasse (Dresden, GDR) Tepper (1978) - Analyse der Trainingsgestaltung und Leistungsentwicklung in den Sprintdisziplinen der M und F															
date	20-Jul-73	time	4.22		7.17	9.12	11.07	10.80	10.80	10.80	10.80	/ 1			
reaction time		interval	2.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	# of strides	4.22	2.95	
wind	1.8 m/s	velocity	7.11		10.17	10.26	10.26	10.26	9.26	9.26	9.26	=WR / =PB	7.11	10.17	
FINAL - 1972 Olympic Games (Munich, FRG) Breizer (1984) - sprint competition analysis															
date	02-Sep-72	time	4.12		7.07	9.07	11.07	11.07	11.07	11.07	11.07	3 / 1			
reaction time		interval	2.95	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	WR	# of strides	4.12	2.95
wind	-0.2 m/s	velocity	7.28		10.17	10.00	10.00	10.00	9.03	9.03	9.03		53.5	7.28	10.17
Stefanowicz, Magdalena (POL) (2000)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
date	02-Aug-24	time	2.04	3.20	4.26	5.29	6.30	7.29	8.31	9.34	10.39	11.47	11.47	8 / 7	
reaction time	0.136	interval	1.16	1.06	1.03	1.01	0.99	1.02	1.03	1.05	1.08	1.08	# of strides	4.26	3.03
wind	1.5 m/s	velocity	4.90	8.62	9.43	9.71	9.90	10.10	9.80	9.71	9.52	9.26	8.72	52.0	7.04
Steiner, Abby (USA) (1999)	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	2.05	3.20	4.23	5.22	6.20	7.18	8.18	9.16	10.17	11.23	11.23	2 / 5	
reaction time	0.139	interval	1.15	1.03	0.99	0.98	0.98	1.00	0.98	1.01	1.06	1.06	# of strides	4.23	2.95
wind	-0.4 m/s	velocity	4.88	8.70	9.71	10.10	10.20	10.00	10.20	9.90	9.43	8.90	54.0	7.09	10.17
Stene Stensheim, Jeanette (NOR) (1991)	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)												<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>			
date	25-Jul-09	time	4.72		8.36	10.74	13.23	13.23	13.23	13.23	13.23	/ 1			
reaction time		interval	3.64	2.38	2.49	2.49	2.49	2.49	2.49	2.49	2.49	# of strides	4.72	3.64	
wind	0.8 m/s	velocity	6.36		8.24	8.40	8.03	7.56	7.56	7.56	7.56		6.36	8.24	
Stenvall, Mia (SWE) (1990)	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	4.72		8.13	10.40	12.74	12.74	12.74	12.74	12.74	/ 6			
reaction time		interval	3.41	2.27	2.34	2.34	2.34	2.34	2.34	2.34	2.34	# of strides	4.72	3.41	
wind	2.7 m/s	velocity	6.36		8.80	8.81	8.55	7.85	7.85	7.85	7.85		6.36	8.80	
Stewart, Kerron (JAM) (1984)	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 research project report in the IAAF world championships, Daegu 2011</i>			
date	29-Aug-11	time	3.12	4.18	5.16	6.13	7.11	8.08	9.03	10.04	11.15	11.15	6 / 6		
reaction time	0.212	interval	1.06	0.98	0.97	0.98	0.97	0.95	1.01	1.11	1.11	# of strides	4.18	2.93	
wind	-1.4 m/s	velocity	6.41	9.43	10.20	10.31	10.20	10.31	10.53	9.90	9.01	8.97	47.0	7.18	10.24
FINAL - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	17-Aug-09	time	3.11	4.11	5.07	6.96	8.82	10.75	10.75	10.75	10.75	4 / 2			
reaction time	0.170	interval	1.00	0.96	1.89	1.86	1.93	1.93	1.93	1.93	1.93	# of strides	4.11	2.85	
wind	0.1 m/s	velocity	6.43	10.00	10.42	10.58	10.75	10.36	9.30	9.30	9.30		49.5	7.30	10.53
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	17-Aug-09	time	3.09	4.09	5.06	6.94	8.87	10.84	10.84	10.84	10.84	4 / 2			
reaction time	0.155	interval	1.00	0.97	1.88	1.93	1.93	1.97	1.97	1.97	1.97	# of strides	4.09	2.85	
wind	-0.1 m/s	velocity	6.47	10.00	10.31	10.64	10.36	10.15	9.23	9.23	9.23		7.33	10.53	
Quarter-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	4.07	5.05	6.99	8.90	10.92	10.92	10.92	10.92	5 / 1			
reaction time	0.149	interval	1.01	0.98	1.94	1.91	2.02	2.02	2.02	2.02	2.02	# of strides	4.07	2.92	
wind	-0.3 m/s	velocity	6.54	9.90	10.20	10.31	10.47	9.90	9.16	9.16	9.16		7.37	10.27	
Heat 2 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	16-Aug-09	time	3.15	4.18	5.17	7.20	9.23	11.31	11.31	11.31	11.31	4 / 1			

reaction time	0.182	interval		1.03	0.99	2.03	2.03	2.08		# of strides	4.18	3.02
wind	-0.3 m/s	velocity	6.35	9.71	10.10	9.85	9.85	9.62	8.84		7.18	9.93

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

date	14-Jun-09	time	3.17	4.19	5.18	7.10	9.06	11.00	11.00		/ 1	
reaction time	0.191	interval		1.02	0.99	1.92	1.96	1.94		# of strides	4.19	2.91
wind	0.1 m/s	velocity	6.31	9.80	10.10	10.42	10.20	10.31	9.09		7.16	10.31

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

date	14-Sep-08	time	3.19	4.21	5.19	6.16	7.14	8.09	9.06	11.06	11.06	5 / 2		
reaction time	0.169	interval		1.02	0.98	0.97	0.98	0.95	0.97	2.00		# of strides	4.21	2.93
wind	0.3 m/s	velocity	6.27	9.80	10.20	10.31	10.20	10.53	10.31	10.00	9.04	47.8	7.13	10.24

Stewart, LeKeidra (USA) (1989)

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 - 2008 USATF National Junior Championships (Columbus, OH)

USATF Women's Sprint Development with HPC (2008)

date	20-Jun-08	time	2.15	3.31	4.38	5.44	6.49	7.54	8.57	9.67	10.77	11.88	11.88	9 / 9			
reaction time		interval		1.16	1.07	1.06	1.05	1.05	1.03	1.10	1.10	1.11		# of strides	4.38	3.16	3.23
wind	1.3 m/s	velocity	4.65	8.62	9.35	9.43	9.52	9.52	9.71	9.09	9.09	9.01	8.42		6.85	9.49	9.29

Strachan, Anthonique (BAH) (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 - 2023 Weltklasse (Zürich, SUI)Omega Timing (2023) - [diamond league race analysis](#)

date	31-Aug-23	time	2.06	3.22	4.27	5.28	6.28	7.27	8.28	9.29	10.31	11.39	11.39	7 / 9				
reaction time	0.155	interval		1.16	1.05	1.01	1.00	0.99	1.01	1.01	1.02	1.08		# of strides	4.27	3.00	3.04	
wind	-0.2 m/s	velocity	4.85	8.62	9.52	9.90	10.00	10.10	9.90	9.90	9.80	9.26	8.78		45.0	7.03	10.00	9.87

FINAL - 2023 London Athletics Meet (London, GBR)Omega Timing (2023) - [diamond league race analysis](#)

date	23-Jul-23	time	2.03	3.16	4.20	5.19	6.17	7.13	8.11	9.09	10.10	11.13	11.13	7 / 8				
reaction time	0.147	interval		1.13	1.04	0.99	0.98	0.96	0.98	0.98	1.01	1.03		# of strides	4.20	2.93	2.97	
wind	1.2 m/s	velocity	4.93	8.85	9.62	10.10	10.20	10.42	10.20	10.20	9.90	9.71	8.98		44.0	7.14	10.24	10.10

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

date	16-Jul-23	time	2.04	3.18	4.20	5.20	6.16	7.13	8.10	9.06	10.04	11.05	11.05	3 / 6				
reaction time	0.141	interval		1.14	1.02	1.00	0.96	0.97	0.97	0.96	0.98	1.01		# of strides	4.20	2.93	2.91	
wind	0.2 m/s	velocity	4.90	8.77	9.80	10.00	10.42	10.31	10.31	10.42	10.20	9.90	9.05		44.0	7.14	10.24	10.31

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

date	21-May-22	time	3.17		5.24		7.26		9.30		11.41	11.41	9 / 8	
reaction time	0.124	interval			2.07		2.02		2.04		2.11		# of strides	
wind	-0.1 m/s	velocity	6.31		9.66		9.90		9.80		9.48	8.76	46.0	

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

date	17-Sep-20	time	3.3		5.4		7.4		9.4		11.42	11.42	8 / 9	
reaction time	0.167	interval			2.10		2.00		2.00		2.02		# of strides	
wind	0.2 m/s	velocity	6.06		9.52		10.00		10.00		9.90	8.76	46.0	

Ström, Malin (SWE) (1986)

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 - 2017 Windsprint (Sundsvall, SWE)(2017) - www.windsprint/Splittider/

date	30-Jul-17	time	4.45		6.56	7.62		9.73		11.92	11.92	2 / 3		
reaction time		interval			2.11	1.06		2.11		2.19		# of strides	4.45	3.17
wind	0.3 m/s	velocity	6.74		9.48	9.43		9.48		9.13	8.39		6.74	9.46

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

date	31-Jul-16	time	4.42			7.53				11.74	11.74	4 / 3		
reaction time		interval				3.11				4.21	PB	# of strides	4.42	3.11
wind	2.0 m/s	velocity	6.79			9.65				9.50	8.52		6.79	9.65

Heat 1 - 2016 Windsprint (Sundsvall, SWE)(2016) - www.windsprint/Splittider/

date	31-Jul-16	time	4.58			7.57				11.80	11.80	3 / 1		
reaction time		interval				2.99				4.23	PB	# of strides	4.58	2.99
wind	-0.3 m/s	velocity	6.55			10.03				9.46	8.47		6.55	10.03

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

date	26-Jul-15	time	4.50			7.73		9.90		12.15	12.15	7 / 4		
reaction time		interval				3.23		2.17		2.25		# of strides	4.50	3.23
wind	2.1 m/s	velocity	6.67			9.29		9.22		8.89	8.23		6.67	9.29

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

date	08-Aug-10	time	4.55			7.87		10.07		12.37	12.37	/ 3		
reaction time		interval				3.32		2.20		2.30		# of strides	4.55	3.32
wind	3.5 m/s	velocity	6.59			9.04		9.09		8.70	8.08		6.59	9.04

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

date	25-Jul-09	time	4.46	7.64	9.75	11.94	11.94	11.94	17											
reaction time		interval		3.18	2.11	2.19			# of strides	4.46	3.18									
wind	2.0 m/s	velocity	6.73	9.43	9.48	9.13	8.38			6.73	9.43									

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

date	24-Jul-07	time	4.44	7.67	9.78	12.03	12.03	12.03	14											
reaction time		interval		3.23	2.11	2.25			# of strides	4.44	3.23									
wind	1.0 m/s	velocity	6.76	9.29	9.48	8.89	8.31			6.76	9.29									

Sturgis, Cambrea (USA) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
FINAL - 2023 FBK Games (Hengelo, NED)																				
date	04-Jun-23	time	2.03	3.17	4.20	5.20	6.18	7.15	8.14	9.14	10.15	11.20	11.20	2 / 4						
reaction time		interval		1.14	1.03	1.00	0.98	0.97	0.99	1.00	1.01	1.05		# of strides	4.20	2.95	3.00			
wind	-0.1 m/s	velocity	4.93	8.77	9.71	10.00	10.20	10.31	10.10	10.00	9.90	9.52	8.93	51.0	7.14	10.17	10.00			

Omega Timing (2023) - [continental tour race analysis](#)**FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)**

date	21-May-22	time	3.15	5.20	7.22	9.25	11.35	11.35	2 / 7											
reaction time	0.143	interval		2.05	2.02	2.03			# of strides	2.10										
wind	-0.1 m/s	velocity	6.35	9.76	9.90	9.85	9.52	8.81		52.0										

Omega Timing (2022) - [diamond league race analysis](#)**Sturupp, Chandra (BAH) (1971)**

	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)															
date	17-Aug-09	time	3.11	4.13	5.11	7.07	9.02	11.05	11.05	11.05	7 / 7				
reaction time	0.137	interval		1.02	0.98	1.96	1.95	2.03			# of strides	4.13	2.94		
wind	0.1 m/s	velocity	6.43	9.80	10.20	10.20	10.26	9.85	9.05	9.05	51.8	7.26	10.20		

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

date	17-Aug-09	time	3.11	4.12	5.10	7.08	9.01	11.01	11.01	11.01	5 / 3				
reaction time	0.127	interval		1.01	0.98	1.98	1.93	2.00			# of strides	4.12	2.96		
wind	-0.1 m/s	velocity	6.43	9.90	10.20	10.10	10.36	10.00	9.08	9.08	7.28	10.14			

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

date	16-Aug-09	time	3.13	4.16	5.15	7.11	9.03	11.06	11.06	11.06	3 / 2				
reaction time	0.153	interval		1.03	0.99	1.96	1.92	2.03			# of strides	4.16	2.95		
wind	-0.3 m/s	velocity	6.39	9.71	10.10	10.20	10.42	9.85	9.04	9.04	7.21	10.17			

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

date	16-Aug-09	time	3.16	4.19	5.19	7.19	9.17	11.28	11.28	11.28	3 / 1				
reaction time	0.158	interval		1.03	1.00	2.00	1.98	2.11			# of strides	4.19	3.00		
wind	1.1 m/s	velocity	6.33	9.71	10.00	10.00	10.10	9.48	8.87	8.87	7.16	10.00			

Graubner (2009) - [biomechanical analyses at the 12th IAAF world championships](#)**FINAL - 2009 ISTAF (Berlin, GER)**

date	14-Jun-09	time	3.20	4.23	5.22	7.16	9.15	11.18	11.18	11.18	1 / 4				
reaction time	0.198	interval		1.03	0.99	1.94	1.99	2.03			# of strides	4.23	2.93		
wind	0.1 m/s	velocity	6.25	9.71	10.10	10.31	10.05	9.85	8.94	8.94	7.09	10.24			

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

date	14-Sep-08	time	3.15	4.18	5.17	6.15	7.15	8.13	9.14	11.23	11.23	1 / 7			
reaction time	0.136	interval		1.03	0.99	0.98	1.00	0.98	1.01	2.09		# of strides	4.18	2.97	
wind	0.3 m/s	velocity	6.35	9.71	10.10	10.20	10.00	10.20	9.90	9.57	8.90	7.18	10.10		

Graubner (2009) - <http://www.fgs.uni-halle.de>**FINAL - 2000 Olympic Games (Sydney, AUS)**

date	24-Sep-00	time	4.04	6.11	7.15	8.17	10.14	11.21	11.21	11.21	6 / 5				
reaction time	0.193	interval		2.07	1.04	1.02	1.97	1.07			# of strides	4.04	3.11	2.99	
wind	-0.4 m/s	velocity	7.43	9.66	9.62	9.80	10.15	9.35	8.92	8.92	7.43	9.65	10.03		

Veney - [Sydney 100m women's splits](#)**FINAL - 1999 IAAF World Championships (Sevilla, ESP)**

date	22-Aug-99	time	1.86	2.99	4.00	5.00	5.98	6.94	7.92	8.91	9.91	10.93	11.06	7 / 7						
reaction time	0.134	interval		1.13	1.01	1.00	0.98	0.96	0.98	0.99	1.00	1.02		# of strides	4.00	2.94	2.97			
wind	-0.1 m/s	velocity	5.38	8.85	9.90	10.00	10.20	10.42	10.20	10.10	10.00	9.80	9.04	7.50	10.20	10.10				

Ferro (2001) - [biomechanical analysis of the 7th world championships, seville 1999](#)**Štychlová, Martina (CZE) (1992)**

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)															
date	15-Jun-13	time	3.39	5.59	7.74	9.92	12.15	12.15	12.15	12.15	3 / 3				
reaction time	0.272	interval		2.20	2.15	2.18	2.23				# of strides				
wind	-0.6 m/s	velocity	5.90	9.09	9.30	9.17	8.97	8.23	8.23	8.23					

Feher (2013) - [Final report from the men's & women's Czech Republic national championships](#)**Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.22	3.45	4.57	5.65	6.77	7.86	7.86	7.86	8 / 7				
reaction time	0.175	interval		1.23	1.12	1.08	1.12	1.09			# of strides	4.57	3.29		

Feher (2012) - [Czech Republic indoor national championships - women's 60m](#)

velocity	4.50	8.13	8.93	9.26	8.93	9.17						7.63		6.56	9.12
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Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)*Feher (2012) - Czech Republic indoor national championships - women's 60m*

date	25-Feb-12	time	2.20	3.44	4.63	5.71	6.81	7.92				7.92		2 / 5	
reaction time	0.168	interval		1.24	1.19	1.08	1.10	1.11						# of strides	4.63 3.29
		velocity	4.55	8.06	8.40	9.26	9.09	9.01				7.58			6.48 9.12

Suda, Saori (JPN) (1986)

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 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	2.10	3.27	4.35	5.39	6.42	7.46	8.51	9.58	10.67	11.78	11.78		1 / 3
reaction time		interval		1.17	1.08	1.04	1.03	1.04	1.05	1.07	1.09	1.11		# of strides	4.35 3.11 3.21
wind	1.3 m/s	velocity	4.76	8.55	9.26	9.62	9.71	9.62	9.52	9.35	9.17	9.01	8.49		6.90 9.65 9.35

Sugiyama, Haruka (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 - 2011 Japanese National High School Championships (Kitakami, JPN)*(2011) - 64th high school championships: JAF scientific committee - biomechanics data collection*

date	04-Aug-11	time				6.64	7.71	8.80	9.88	11.00	12.15	12.15		2 / 6
reaction time		interval					1.07	1.09	1.08	1.12	1.15		# of strides	
wind	-1.0 m/s	velocity				7.53	9.35	9.17	9.26	8.93	8.70	8.23		

Sugiyama, Miki (JPN) (1995)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Heat 6 - 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	2.04	3.21	4.30	5.36	6.40	7.45	8.52	9.60	10.70	11.81	11.81		1 / 2
reaction time		interval		1.17	1.09	1.06	1.04	1.05	1.07	1.08	1.10	1.11	PB	# of strides	4.30 3.15 3.25
wind	0.8 m/s	velocity	4.90	8.55	9.17	9.43	9.62	9.52	9.35	9.26	9.09	9.01	8.47	54.7	6.98 9.52 9.23

Šuhájková, Anna (CZE) (1998)

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 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		3.49	5.80		8.05		10.35		12.76	12.76		3 / 3
reaction time	0.125	interval			2.31		2.25		2.30		2.41		# of strides	
wind	-1.7 m/s	velocity		5.73	8.66		8.89		8.70		8.30	7.84		

Sumi, Ryoko (JPN) (2003)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2021 Japanese High School National Championships (Fukui, JPN)*Shibayama (2021) - national high school and U20 national championships*

date	29-Jul-21	time	2.06	3.23	4.30	5.34	6.36	7.40	8.44	9.51	10.61	11.73	11.73		5 / 2
reaction time	0.140	interval		1.17	1.07	1.04	1.02	1.04	1.04	1.07	1.10	1.12		# of strides	4.30 3.10 3.21
wind	-0.2 m/s	velocity	4.85	8.55	9.35	9.62	9.80	9.62	9.62	9.35	9.09	8.93	8.53	56.0	6.98 9.68 9.35

Sunneborn, Anna (SWE) (1970)

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 - 2016 Windsprint (Sundsvall, SWE)*(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.80			8.31			13.26	13.26		2 / 5	
reaction time		interval				3.51				4.95		# of strides	4.80 3.51	
wind	1.3 m/s	velocity		6.25		8.55				8.08	7.54		6.25 8.55	

Heat 2 - 2016 Windsprint (Sundsvall, SWE)*(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.82			8.36			13.36	13.36		8 / 7	
reaction time		interval				3.54				5.00		# of strides	4.82 3.54	
wind	1.8 m/s	velocity		6.22		8.47				8.00	7.49		6.22 8.47	

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

date	20-Jul-14	time		4.73			8.24		10.65		13.16	13.16		6 / 4
reaction time		interval				3.51		2.41		2.51		# of strides	4.73 3.51	
wind	3.1 m/s	velocity		6.34		8.55		8.30		7.97	7.60		6.34 8.55	

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

date	28-Jul-13	time		4.76			8.21		10.55		12.99	12.99		3 / 8
reaction time		interval				3.45		2.34		2.44		# of strides	4.76 3.45	
wind	2.7 m/s	velocity		6.30		8.70		8.55		8.20	7.70		6.30 8.70	

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

date	17-Jun-12	time		4.72			8.16		10.50		12.97	12.97		1 / 4
reaction time		interval				3.44		2.34		2.47		# of strides	4.72 3.44	
wind	1.5 m/s	velocity		6.36		8.72		8.55		8.10	7.71		6.36 8.72	

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

date	31-Jul-11	time		4.67			8.07		10.39		12.81	12.81		5 / 6
reaction time		interval				3.40		2.32		2.42		# of strides	4.67 3.40	
wind	1.2 m/s	velocity		6.42		8.82		8.62		8.26	7.81		6.42 8.82	

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

date	25-Jul-09	time		4.74			8.15		10.43		12.80	12.80		1 / 3
reaction time		interval				3.41		2.28		2.37		# of strides	4.74 3.41	

wind	0.9 m/s	velocity	6.33	8.80	8.77	8.44	7.81	6.33	8.80
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B FINAL - 2007 Windsprint (Sundsvall, SWE)(2007) - www.ssg.se/en/Windsprint/Split-times/

date	24-Jul-07	time	4.67	8.20	10.52	12.90	12.90	/ 5	
reaction time		interval		3.53	2.32	2.38		# of strides	4.67 3.53
wind	0.9 m/s	velocity	6.42	8.50	8.62	8.40	7.75		6.42 8.50

Sutschet, Julia (GER) (1988)

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

date	14-Jun-09	time	3.44	4.53	5.58	7.70	9.91	11.86	11.86	/ 6				
reaction time	0.265	interval		1.09	1.05	2.12	2.21	1.95		# of strides		4.53	3.17	
wind	0.9 m/s	velocity	5.81	9.17	9.52	9.43	9.05	10.26	8.43			6.62	9.46	

Suzuki, Kizuha (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 - 2018 Japanese National High School Championships (Nagoya, JPN)

Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data

date	03-Aug-18	time	2.03	3.23	4.32	5.38	6.43	7.48	8.54	9.62	10.72	11.85	11.85	/ 4	
reaction time		interval		1.20	1.09	1.06	1.05	1.05	1.06	1.08	1.10	1.13		# of strides	4.32 3.16 3.24
wind	0.0 m/s	velocity	4.93	8.33	9.17	9.43	9.52	9.52	9.43	9.26	9.09	8.85	8.44		6.94 9.49 9.26

Suzuki, Kurumi (JPN) (2001)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)

Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data

date	05-Aug-19	time	2.12	3.29	4.36	5.40	6.44	7.48	8.53	9.60	10.68	11.79	11.79	8 / 7	
reaction time		interval		1.17	1.07	1.04	1.04	1.04	1.05	1.07	1.08	1.11		# of strides	4.36 3.12 3.20
wind	-0.1 m/s	velocity	4.72	8.55	9.35	9.62	9.62	9.52	9.35	9.26	9.01	8.48			50.0 6.88 9.62 9.38

FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)

Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data

date	03-Aug-18	time	2.12	3.32	4.41	5.47	6.52	7.57	8.64	9.72	10.82	11.93	11.93	/ 7	
reaction time		interval		1.20	1.09	1.06	1.05	1.05	1.07	1.08	1.10	1.11		# of strides	4.41 3.16 3.25
wind	0.0 m/s	velocity	4.72	8.33	9.17	9.43	9.52	9.52	9.35	9.26	9.09	9.01	8.38		6.80 9.49 9.23

Švejdová, Monika (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 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		3.73	6.18		8.55		10.96		13.46		13.46	7 / 5	
reaction time	0.222	interval			2.45		2.37		2.41		2.50			# of strides	
wind	-0.1 m/s	velocity		5.36	8.16		8.44		8.30		8.00		7.43		

Swanson, Taylor (USA) (1992) (T37)

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

Omega Timing (2023) - diamond league race analysis

date	17-Sep-23	time	2.35	3.63	4.80	5.94	7.09	8.24	9.42	10.63	11.87	13.15	13.15	8 / 4	
reaction time	0.236	interval		1.28	1.17	1.14	1.15	1.15	1.18	1.21	1.24	1.28		# of strides	4.80 3.44 3.63
wind	0.7 m/s	velocity	4.26	7.81	8.55	8.77	8.70	8.70	8.47	8.26	8.06	7.81	7.60		57.0 6.25 8.72 8.26

Swoboda, Ewa (POL) (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 - 2024 Kamila Skolimowska Memorial (Silesia, POL)

Omega Timing (2024) - diamond league race analysis

date	25-Aug-24	time	1.96	3.10	4.12	5.10	6.06	7.03	8.00	8.99	10.00	11.03	11.03	5 / 6	
reaction time	0.148	interval		1.14	1.02	0.98	0.96	0.97	0.97	0.99	1.01	1.03		# of strides	4.12 2.91 2.97
wind	2.9 m/s	velocity	5.10	8.77	9.80	10.20	10.42	10.31	10.31	10.10	9.90	9.71	9.07		49.5 7.28 10.31 10.10

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

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	1.96	3.10	4.12	5.11	6.08	7.05	8.04	9.03	10.04	11.08	11.08	6 / 4	
reaction time	0.147	interval		1.14	1.02	0.99	0.97	0.97	0.99	0.99	1.01	1.04		# of strides	4.12 2.93 2.99
wind	0.1 m/s	velocity	5.10	8.77	9.80	10.10	10.31	10.31	10.10	10.10	9.90	9.62	9.03		49.5 7.28 10.24 10.03

Heat 5 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

date	02-Aug-24	time	1.96	3.10	4.13	5.11	6.08	7.04	8.01	8.99	9.98	10.99	10.99	3 / 1	
reaction time	0.149	interval		1.14	1.03	0.98	0.97	0.96	0.97	0.98	0.99	1.01		# of strides	4.13 2.91 2.94
wind	1.0 m/s	velocity	5.10	8.77	9.71	10.20	10.31	10.42	10.31	10.20	10.10	9.90	9.10		49.0 7.26 10.31 10.20

FINAL - 2024 Meeting de Paris (Paris, FRA)

Omega Timing (2024) - diamond league race analysis

date	07-Jul-24	time	1.92	3.06	4.09	5.08	6.06	7.04	8.03	9.03	10.05	11.16	11.16	5 / 3	
reaction time	0.147	interval		1.14	1.03	0.99	0.98	0.98	0.99	1.00	1.02	1.11		# of strides	4.09 2.95 3.01
wind	-2.0 m/s	velocity	5.21	8.77	9.71	10.10	10.20	10.20	10.10	10.00	9.80	9.01	8.96		50.0 7.33 10.17 9.97

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

Omega Timing (2023) - diamond league race analysis

date	16-Jul-23	time	1.96	3.08	4.10	5.08	6.04	7.00	7.96	8.93	9.92	10.94	10.94	4 / 3	
reaction time	0.137	interval		1.12	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.02	PB	# of strides	4.10 2.90 2.92
wind	0.2 m/s	velocity	5.10	8.93	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.80	9.14		50.0 7.32 10.34 10.27

FINAL - 2023 Athletissima (Lausanne, SUI)

Omega Timing (2023) - diamond league race analysis

date	30-Jun-23	time	1.99	3.11	4.14	5.14	6.12	7.10	8.08	9.09	10.11	11.17	11.17	2 / 4	
reaction time	0.144	interval		1.12	1.03	1.00	0.98	0.98	0.98	1.01	1.02	1.06		# of strides	4.14 2.96 3.01

wind -0.8 m/s velocity 5.03 8.93 9.71 10.00 10.20 10.20 10.20 9.90 9.80 9.43 8.95 50.5 7.25 10.14 9.97

FINAL - 2022 Meeting de Paris (Paris, FRA)*Omega Timing (2022) - diamond league race analysis*

date 18-Jun-22 time 3.11 5.11 7.05 9.01 11.05 11.05 3 / 4
 reaction time 0.142 interval 2.00 1.94 1.96 2.04 **PB** # of strides
 wind 0.5 m/s velocity 6.43 10.00 10.31 10.20 9.80 9.05 51.2

Ta Lou-Smith, Marie-Josée (CIV) (198 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 2.04 3.17 4.19 5.16 6.13 7.09 8.06 9.04 10.03 11.05 11.05 7 / 3
 reaction time 0.163 interval 1.13 1.02 0.97 0.97 0.96 0.97 0.98 0.99 1.02 # of strides 4.19 2.90 2.94
 wind 0.2 m/s velocity 4.90 8.85 9.80 10.31 10.31 10.42 10.31 10.20 10.10 9.80 9.05 50.2 7.16 10.34 10.20

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

date 05-Sep-24 time 2.01 3.13 4.15 5.13 6.09 7.04 7.99 8.96 9.94 10.93 10.93 7 / 4
 reaction time 0.144 interval 1.12 1.02 0.98 0.96 0.95 0.95 0.97 0.98 0.99 # of strides 4.15 2.89 2.90
 wind 0.1 m/s velocity 4.98 8.93 9.80 10.20 10.42 10.53 10.53 10.31 10.20 10.10 9.15 50.5 7.23 10.38 10.34

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

date 25-Aug-24 time 1.98 3.10 4.11 5.06 6.01 6.94 7.90 8.86 9.83 10.83 10.83 6 / 2
 reaction time 0.159 interval 1.12 1.01 0.95 0.95 0.93 0.96 0.96 0.97 1.00 # of strides 4.11 2.83 2.89
 wind 2.9 m/s velocity 5.05 8.93 9.90 10.53 10.53 10.75 10.42 10.42 10.31 10.00 9.23 49.7 7.30 10.60 10.38

FINAL - 2024 Athletissima (Lausanne, SUI)*Omega Timing (2024) - diamond league race analysis*

date 22-Aug-24 time 2.03 3.16 4.18 5.17 6.13 7.10 8.07 9.05 10.04 11.07 11.07 4 / 4
 reaction time 0.170 interval 1.13 1.02 0.99 0.96 0.97 0.97 0.98 0.99 1.03 # of strides 4.18 2.92 2.94
 wind -0.4 m/s velocity 4.93 8.85 9.80 10.10 10.42 10.31 10.31 10.20 10.10 9.71 9.03 50.0 7.18 10.27 10.20

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

date 03-Aug-24 time 2.04 3.20 4.24 5.22 6.24 7.33 8.57 9.90 11.53 13.84 13.84 3 / 8
 reaction time 0.143 interval 1.16 1.04 0.98 1.02 1.09 1.24 1.33 1.63 2.31 # of strides 4.24 3.09 4.20
 wind -0.1 m/s velocity 4.90 8.62 9.62 10.20 9.80 9.17 8.06 7.52 6.13 4.33 7.23 7.08 9.71 7.14

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

date 03-Aug-24 time 1.99 3.12 4.14 5.12 6.10 7.05 8.01 8.99 9.98 11.01 11.01 7 / 2
 reaction time 0.161 interval 1.13 1.02 0.98 0.98 0.95 0.96 0.98 0.99 1.03 # of strides 4.14 2.91 2.93
 wind 0.1 m/s velocity 5.03 8.85 9.80 10.20 10.20 10.53 10.42 10.20 10.10 9.71 9.08 50.0 7.25 10.31 10.24

FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)*Omega Timing (2024) - diamond league race analysis*

date 12-Jul-24 time 2.03 3.17 4.18 5.17 6.13 7.09 8.07 9.05 10.06 11.08 11.08 4 / 5
 reaction time 0.149 interval 1.14 1.01 0.99 0.96 0.96 0.98 0.98 1.01 1.02 # of strides 4.18 2.91 2.97
 wind -1.0 m/s velocity 4.93 8.77 9.90 10.10 10.42 10.42 10.20 10.20 9.90 9.80 9.03 49.5 7.18 10.31 10.10

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

date 02-Jun-24 time 2.08 3.21 4.25 5.24 6.23 7.20 8.17 9.16 10.16 11.16 11.16 4 / 2
 reaction time 0.168 interval 1.13 1.04 0.99 0.99 0.97 0.97 0.99 1.00 1.00 # of strides 4.25 2.95 2.96
 wind -0.8 m/s velocity 4.81 8.85 9.62 10.10 10.10 10.31 10.31 10.10 10.00 10.00 8.96 51.2 7.06 10.17 10.14

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

date 25-May-24 time 2.03 3.18 4.20 5.17 6.13 7.08 8.04 9.01 10.00 11.05 11.05 6 / 6
 reaction time 0.164 interval 1.15 1.02 0.97 0.96 0.95 0.96 0.97 0.99 1.05 # of strides 4.20 2.88 2.92
 wind 1.5 m/s velocity 4.93 8.70 9.80 10.31 10.42 10.53 10.42 10.31 10.10 9.52 9.05 50.0 7.14 10.42 10.27

Ta Lou, Marie-Josée (CIV) (1988)**FINAL - 2023 Prefontaine Classic (Eugene, OR)***Omega Timing (2023) - diamond league race analysis*

date 16-Sep-23 time 2.01 3.12 4.12 5.08 6.03 6.96 7.90 8.84 9.77 10.75 10.75 4 / 2
 reaction time 0.167 interval 1.11 1.00 0.96 0.95 0.93 0.94 0.94 0.93 0.98 # of strides 4.12 2.84 2.81
 wind 0.8 m/s velocity 4.98 9.01 10.00 10.42 10.53 10.75 10.64 10.64 10.75 10.20 9.30 49.5 7.28 10.56 10.68

FINAL - 2023 London Athletics Meet (London, GBR)*Omega Timing (2023) - diamond league race analysis*

date 23-Jul-23 time 1.98 3.09 4.10 5.06 5.99 6.92 7.85 8.80 9.76 10.75 10.75 5 / 1
 reaction time 0.146 interval 1.11 1.01 0.96 0.93 0.93 0.93 0.95 0.96 0.99 # of strides 4.10 2.82 2.84
 wind 1.2 m/s velocity 5.05 9.01 9.90 10.42 10.75 10.75 10.75 10.53 10.42 10.10 9.30 49.5 7.32 10.64 10.56

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

date 30-Jun-23 time 1.97 3.10 4.11 5.08 6.03 6.99 7.94 8.90 9.88 10.88 10.88 5 / 1
 reaction time 0.132 interval 1.13 1.01 0.97 0.95 0.96 0.95 0.96 0.98 1.00 # of strides 4.11 2.88 2.89
 wind -0.8 m/s velocity 5.08 8.85 9.90 10.31 10.53 10.42 10.53 10.42 10.20 10.00 9.19 50.5 7.30 10.42 10.38

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

date 02-Jun-23 time 2.02 3.25 4.16 5.14 6.11 7.06 8.01 8.98 9.96 10.97 10.97 4 / 1
 reaction time 0.169 interval 1.23 0.91 0.98 0.97 0.95 0.95 0.97 0.98 1.01 # of strides 4.16 2.90 2.90

wind	-0.4 m/s	velocity	4.95	8.13	10.99	10.20	10.31	10.53	10.53	10.31	10.20	9.90	9.12	51.0	7.21	10.34	10.34
FINAL - 2022 Weltklasse (Zürich, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	08-Sep-22	time		3.16		5.16		7.06		8.97		10.91	10.91		6 / 3		
reaction time	0.194	interval				2.00		1.90		1.91		1.94			# of strides		
wind	-0.8 m/s	velocity		6.33		10.00		10.53		10.47		10.31	9.17		50.2		
FINAL - 2022 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	02-Sep-22	time		3.14		5.11		6.99		8.86		10.78	10.78		6 / 3		
reaction time	0.181	interval				1.97		1.88		1.87		1.92			# of strides		
wind	0.6 m/s	velocity		6.37		10.15		10.64		10.70		10.42	9.28		50.5		
FINAL - 2022 Athletissima (Lausanne, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	26-Aug-22	time		3.13		5.14		7.03		8.93		10.89	10.89		3 / 3		
reaction time	0.169	interval				2.01		1.89		1.90		1.96			# of strides		
wind	0.0 m/s	velocity		6.39		9.95		10.58		10.53		10.20	9.18		50.7		
FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	10-Aug-22	time		3.13		5.08		6.94		8.83		10.72	10.72		7 / 3		
reaction time	0.176	interval				1.95		1.86		1.89		1.89	NR PB		# of strides		
wind	0.4 m/s	velocity		6.39		10.26		10.75		10.58		10.58	9.33		50.7		
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	06-Aug-22	time		3.14		5.14		7.06		8.99		11.00	11.00		4 / 3		
reaction time	0.172	interval				2.00		1.92		1.93		2.01			# of strides		
wind	0.5 m/s	velocity		6.37		10.00		10.42		10.36		9.95	9.09		51.5		
FINAL - 2022 Meeting de Paris (Paris, FRA)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	18-Jun-22	time		3.17		5.16		7.08		9.02		11.01	11.01		4 / 3		
reaction time	0.185	interval				1.99		1.92		1.94		1.99			# of strides		
wind	0.5 m/s	velocity		6.31		10.05		10.42		10.31		10.05	9.08		51.7		
FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	05-Jun-22	time		3.16		5.18		7.11		9.03		11.04	11.04		6 / 2		
reaction time	0.177	interval				2.02		1.93		1.92		2.01			# of strides		
wind	0.3 m/s	velocity		6.33		9.90		10.36		10.42		9.95	9.06		52.0		
FINAL - 2022 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	28-May-22	time		3.16		5.22		7.15		9.07		11.07	11.07		9 / 6		
reaction time	0.141	interval				2.06		1.93		1.92		2.00			# of strides		
wind	0.7 m/s	velocity		6.33		9.71		10.36		10.42		10.00	9.03		51.5		
FINAL - 2021 Weltklasse (Zürich, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	09-Sep-21	time		3.2		5.2		7.2		9.1		11.22	11.22		7 / 8		
reaction time	0.157	interval				2.00		2.00		1.90		2.12			# of strides		
wind	0.6 m/s	velocity		6.25		10.00		10.00		10.53		9.43	8.91		50.0		
FINAL - 2021 Athletissima (Lausanne, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	26-Aug-21	time		3.2		5.2		7.1		9.0		10.84	10.84		3 / 4		
reaction time	0.166	interval				2.00		1.90		1.90		1.84			# of strides		
wind	1.7 m/s	velocity		6.25		10.00		10.53		10.53		10.87	9.23		51.0		
FINAL - 2021 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	21-Aug-21	time		3.2		5.2		7.1		9.0		10.90	10.90		7 / 5		
reaction time	0.136	interval				2.00		1.90		1.90		1.90			# of strides		
wind	0.9 m/s	velocity		6.25		10.00		10.53		10.53		10.53	9.17		50.7		
FINAL - 2020 Olympic Games (Tokyo, JPN)														<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>			
date	31-Jul-21	time		4.09				6.96		8.91		10.91	10.91		6 / 4		
reaction time	0.158	interval						2.87		3.95		2.00			# of strides	4.09	2.87
wind	-0.6 m/s	velocity		7.33				10.45		5.06		10.00	9.17		50.2	7.33	10.45
FINAL - 2021 Doha Diamond League (Doha, QAT)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	28-May-21	time		3.2		5.2		7.1		9.1		11.12	11.12		4 / 4		
reaction time	0.147	interval				2.00		1.90		2.00		2.02			# of strides		
wind	1.1 m/s	velocity		6.25		10.00		10.53		10.00		9.90	8.99		51.0		
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	23-May-21	time		3.0		5.0		7.1		9.2		11.58	11.58		4 / 2		
reaction time	0.147	interval				2.00		2.10		2.10		2.38			# of strides		
wind	-4.2 m/s	velocity		6.67		10.00		9.52		9.52		8.40	8.64		49.2		

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

date	17-Sep-20	time	3.2	5.2	7.1	9.1	11.14	11.14	7 / 3	<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.144	interval		2.00	1.90	2.00	2.04		# of strides	
wind	0.2 m/s	velocity	6.25	10.00	10.53	10.00	9.80	8.98	51.5	

FINAL - 2020 Bauhaus Galan (Stockholm, SWE)

date	23-Aug-20	time	3.2	5.3	7.2	9.2	11.32	11.32	4 / 3	<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.150	interval		2.10	1.90	2.00	2.12		# of strides	
wind	1.3 m/s	velocity	6.25	9.52	10.53	10.00	9.43	8.83	52.0	

FINAL - 2019 IAAF World Championships (Doha, QAT)

date	29-Sep-19	time	1.96	3.08	4.09	5.05	6.01	6.96	7.91	8.88	9.88	10.90	10.90	4 / 3	<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>
reaction time	0.171	interval		1.12	1.01	0.96	0.96	0.95	0.95	0.97	1.00	1.02		# of strides	4.09 2.87 2.92
wind	0.1 m/s	velocity	5.10	8.93	9.90	10.42	10.42	10.53	10.53	10.31	10.00	9.80	9.17	52.5	7.33 10.45 10.27

FINAL - 2019 Memorial van Damme (Brussels, BEL)

date	06-Sep-19	time	3.2	5.2	7.1	9.1	11.09	11.09	6 / 3	<i>Omega Timing (2019) - diamond league race analysis</i>
reaction time	0.146	interval		2.0	1.9	2.0	1.99		# of strides	
wind	-0.3 m/s	velocity	6.25	10.00	10.53	10.00	10.05	9.02	52.5	

FINAL - 2019 Meeting de Paris (Paris, FRA)

date	24-Aug-19	time		6.2			11.13	11.13	5 / 2	<i>Omega Timing (2019) - diamond league race analysis</i>
reaction time	0.172	interval					4.93		# of strides	
wind	-0.2 m/s	velocity		8.06			10.14	8.98	52.5	

FINAL - 2017 IAAF World Championships (London, GBR)

date	06-Aug-17	time	2.01	3.15	4.19	5.15	6.09	7.01	7.94	8.90	9.87	10.86	10.86	4 / 2	<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>
reaction time	0.180	interval		1.14	1.04	0.96	0.94	0.92	0.93	0.96	0.97	0.99	PB	# of strides	4.19 2.82 2.86
wind	-0.1 m/s	velocity	4.98	8.77	9.62	10.42	10.64	10.87	10.75	10.42	10.31	10.10	9.21	49.8	7.16 10.64 10.49

Tabakova, Yuliya (RUS) (1980)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	31-Aug-01	time	3.28	4.33	5.34		7.33		9.36		11.46	11.46	11.46	1 / 7			
reaction time	0.169	interval		1.05	1.01		1.99		2.03		2.10			# of strides	4.33	3.00	
wind	0.5 m/s	velocity	6.10	9.52	9.90		10.05		9.85		9.52	8.73			6.93	10.00	

*Graubner (2009) - http://www.fgs.uni-halle.de***Táborská, Monika (CZE) (1988)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	15-Jun-13	time	2.18	3.35	4.46	5.48	6.52	7.56	8.63	9.71	10.82	11.93	11.93	1 / 7			
reaction time	0.135	interval		1.17	1.11	1.02	1.04	1.04	1.07	1.08	1.11	1.11		# of strides	4.46	3.10	3.26
wind	-0.2 m/s	velocity	4.59	8.55	9.01	9.80	9.62	9.62	9.35	9.26	9.01	9.01	8.38		6.73	9.68	9.20

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

date	15-Jun-13	time	3.34	5.50		7.57		9.72		11.97	11.97	11.97	11.97	6 / 3			
reaction time	0.148	interval		2.16		2.07		2.15		2.25				# of strides			
wind	-1.1 m/s	velocity	5.99	9.26		9.66		9.30		8.89	8.35						

*Feher (2013) - Final report from the men's & women's Czech Republic national championships***FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.18	3.40	4.49	5.55	6.59	7.67					7.67	8 / 6			
reaction time	0.168	interval		1.22	1.09	1.06	1.04	1.08						# of strides	4.49	3.18	
		velocity	4.59	8.20	9.17	9.43	9.62	9.26					7.82		6.68	9.43	

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

date	25-Feb-12	time	2.17	3.36	4.48	5.52	6.58	7.63					7.63	3 / 3			
reaction time	0.190	interval		1.19	1.12	1.04	1.06	1.05						# of strides	4.48	3.15	
		velocity	4.61	8.40	8.93	9.62	9.43	9.52					7.86		6.70	9.52	

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

date	25-Feb-12	time	2.19	3.37	4.50	5.58	6.64	7.70					7.70	5 / 2			
reaction time	0.180	interval		1.18	1.13	1.08	1.06	1.06						# of strides	4.50	3.20	
		velocity	4.57	8.47	8.85	9.26	9.43	9.43					7.79		6.67	9.38	

*Feher (2012) - Czech Republic indoor national championships - women's 60m***Tachiyama, Kie (JPN) (1990)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-08	time	2.10	3.29	4.39	5.45	6.50	7.56	8.63	9.72	10.83	11.96	11.96	1 / 6			
reaction time		interval		1.19	1.10	1.06	1.05	1.06	1.07	1.09	1.11	1.13		# of strides	4.39	3.17	3.27
wind	0.4 m/s	velocity	9.52	8.40	9.09	9.43	9.52	9.43	9.35	9.17	9.01	8.85	8.36		6.83	9.46	9.17

*Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data***Takács, Boglárka (HUN) (2001)**

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)*Omega Timing (2024) - diamond league race analysis*

date	22-Aug-24	time	2.09	3.24	4.29	5.29	6.28	7.27	8.27	9.27	10.29	11.35	11.35	3 / 2			
reaction time	0.167	interval		1.15	1.05	1.00	0.99	0.99	1.00	1.00	1.02	1.06		# of strides	4.29	2.98	3.02
wind	-0.1 m/s	velocity	4.78	8.70	9.52	10.00	10.10	10.10	10.00	10.00	9.80	9.43	8.81		6.99	10.07	9.93
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>			
date	03-Aug-24	time	2.08	3.23	4.27	5.28	6.25	7.23	8.22	9.20	10.22	11.26	11.26	9 / 7			
reaction time	0.145	interval		1.15	1.04	1.01	0.97	0.98	0.99	0.98	1.02	1.04		# of strides	4.27	2.96	2.99
wind	0.1 m/s	velocity	4.81	8.70	9.62	9.90	10.31	10.20	10.10	10.20	9.80	9.62	8.88	50.0	7.03	10.14	10.03
Heat 3 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>			
date	02-Aug-24	time	2.08	3.22	4.25	5.23	6.20	7.16	8.12	9.10	10.10	11.10	11.10	4 / 3			
reaction time	0.133	interval		1.14	1.03	0.98	0.97	0.96	0.96	0.98	1.00	1.00	NR PB	# of strides	4.25	2.91	2.94
wind	1.5 m/s	velocity	4.81	8.77	9.71	10.20	10.31	10.42	10.42	10.20	10.00	10.00	9.01	49.0	7.06	10.31	10.20
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	02-Jun-24	time	2.14	3.31	4.36	5.38	6.38	7.37	8.37	9.36	10.38	11.40	11.40	7 / 6			
reaction time	0.137	interval		1.17	1.05	1.02	1.00	0.99	1.00	0.99	1.02	1.02		# of strides	4.36	3.01	3.01
wind	-0.8 m/s	velocity	4.67	8.55	9.52	9.80	10.00	10.10	10.00	10.10	9.80	9.80	8.77	51.0	6.88	9.97	9.97
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	10-May-24	time	2.07	3.22	4.26	5.24	6.21	7.18	8.16	9.15	10.16	11.17	11.17	7 / 5			
reaction time	0.138	interval		1.15	1.04	0.98	0.97	0.97	0.98	0.99	1.01	1.01		# of strides	4.26	2.92	2.98
wind	2.0 m/s	velocity	4.83	8.70	9.62	10.20	10.31	10.31	10.20	10.10	9.90	9.90	8.95	50.0	7.04	10.27	10.07
Takahashi, Asuka (JPN) (1991)														10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m			
Heat 1 - 2020 World Athletics Trials (Fuji, JPN)														<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>			
date	06-Sep-20	time	2.05	3.23	4.32	5.38	6.42	7.46	8.52	9.58	10.67	11.78	11.78	1 / 1			
reaction time		interval		1.18	1.09	1.06	1.04	1.04	1.06	1.06	1.09	1.11		# of strides	4.32	3.14	3.21
wind	1.3 m/s	velocity	4.88	8.47	9.17	9.43	9.62	9.62	9.43	9.43	9.17	9.01	8.49		6.94	9.55	9.35
Takahashi, Mayu (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	2.09	3.29	4.39	5.45	6.49	7.54	8.60	9.68	10.77	11.89	11.89	1 / 5			
reaction time		interval		1.20	1.10	1.06	1.04	1.05	1.06	1.08	1.09	1.12		# of strides	4.39	3.15	3.23
wind	0.0 m/s	velocity	4.78	8.33	9.09	9.43	9.62	9.52	9.43	9.26	9.17	8.93	8.41		6.83	9.52	9.29
U20 FINAL - 2018 National Sports Festival (Fukui, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
date	05-Oct-18	time	2.03	3.23	4.33	5.39	6.44	7.50	8.56	9.63	10.73	11.86	11.86	7 / 2			
reaction time	0.132	interval		1.20	1.10	1.06	1.05	1.06	1.06	1.07	1.10	1.13		# of strides	4.33	3.17	3.23
wind	-0.1 m/s	velocity	4.93	8.33	9.09	9.43	9.52	9.43	9.35	9.09	8.85	8.43	8.43	55.0	6.93	9.46	9.29
Takahashi, Momoko (JPN) (1988)														10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m			
Heat 2 - 2012 Mikio Oda Memorial (Hiroshima, JPN)														<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	2.11	3.29	4.35	5.37	6.38	7.38	8.39	9.41	10.45	11.51	11.51	3 / 2			
reaction time		interval		1.18	1.06	1.02	1.01	1.00	1.01	1.02	1.04	1.06		# of strides	4.35	3.03	3.07
wind	1.3 m/s	velocity	4.74	8.47	9.43	9.80	9.90	10.00	9.90	9.80	9.62	9.43	8.69	49.5	6.90	9.90	9.77
FINAL - 2011 Seiko Golden Grand Prix (Kawasaki, JPN)														<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>			
date	08-May-11	time	2.11	3.28	4.37	5.41	6.45	7.48	8.52	9.56	10.62	11.70	11.70	7 / 6			
reaction time		interval		1.17	1.09	1.04	1.04	1.03	1.04	1.04	1.06	1.08		# of strides	4.37	3.11	3.14
wind	-0.4 m/s	velocity	4.74	8.55	9.17	9.62	9.62	9.71	9.62	9.62	9.43	9.26	8.55	51.0	6.86	9.65	9.55
FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)														<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>			
date	29-Apr-11	time	2.12	3.29	4.36	5.38	6.38	7.37	8.36	9.36	10.38	11.41	11.41	1 / 4			
reaction time		interval		1.17	1.07	1.02	1.00	0.99	0.99	1.00	1.02	1.03		# of strides	4.36	3.01	3.01
wind	2.6 m/s	velocity	4.72	8.55	9.35	9.80	10.00	10.10	10.10	10.00	9.80	9.71	8.76	57.2	6.88	9.97	9.97
FINAL - 2010 Mikio Oda Memorial (Hiroshima, JPN)														<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>			
date	29-Apr-10	time	2.08	3.24	4.30	5.32	6.32	7.31	8.30	9.29	10.31	11.35	11.35	1 / 2			
reaction time		interval		1.16	1.06	1.02	1.00	0.99	0.99	0.99	1.02	1.04		# of strides	4.30	3.01	3.00
wind	1.7 m/s	velocity	4.81	8.62	9.43	9.80	10.00	10.10	10.10	10.10	9.80	9.62	8.81	49.9	6.98	9.97	10.00
A FINAL - 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	2.06	3.22	4.27	5.29	6.27	7.26	8.23	9.22	10.22	11.40	11.40	1 / 2			
reaction time		interval		1.16	1.05	1.02	0.98	0.99	0.97	0.99	1.00	1.18		# of strides	4.27	2.99	2.96
wind	2.2 m/s	velocity	4.85	8.62	9.52	9.80	10.20	10.10	10.31	10.10	10.00	8.47	8.77		7.03	10.03	10.14
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	2.14	3.31	4.37	5.40	6.40	7.40	8.41	9.44	10.49	11.55	11.55	1 / 2			
reaction time		interval		1.17	1.06	1.03	1.00	1.00	1.01	1.03	1.05	1.06		# of strides	4.37	3.03	3.09
wind	1.5 m/s	velocity	4.67	8.55	9.43	9.71	10.00	10.00	9.90	9.71	9.52	9.43	8.66		6.86	9.90	9.71

Heat 1 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)

													Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles					
date	06-Jul-08	time	2.13	3.31	4.39	5.43	6.46	7.48	8.50	9.53	10.57	11.64	11.64		/ 2			
reaction time		interval		1.18	1.08	1.04	1.03	1.02	1.02	1.03	1.04	1.07	# of strides	4.39	3.09	3.09		
wind	1.1 m/s	velocity	4.69	8.47	9.26	9.62	9.71	9.80	9.80	9.71	9.62	9.35	8.59		6.83	9.71	9.71	

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	2.19	3.38	4.48	5.53	6.57	7.60	8.62	9.66	10.72	11.82	11.82		2 / 6			
reaction time		interval		1.19	1.10	1.05	1.04	1.03	1.02	1.04	1.06	1.10	# of strides	4.48	3.12	3.12		
wind	1.2 m/s	velocity	4.57	8.40	9.09	9.52	9.62	9.71	9.80	9.62	9.43	9.09	8.46		6.70	9.62	9.62	

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	2.10	3.17	4.34	5.37	6.39	7.40	8.41	9.43	10.47	11.53	11.53		/ 4			
reaction time		interval		1.07	1.17	1.03	1.02	1.01	1.01	1.02	1.04	1.06	# of strides	4.34	3.06	3.07		
wind	1.7 m/s	velocity	4.76	9.35	8.55	9.71	9.80	9.90	9.90	9.80	9.62	9.43	8.67		6.91	9.80	9.77	

Heat 2 - 2008 Mikio Oda Memorial (Hiroshima, JPN)

													Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles					
date	29-Apr-08	time	2.16	3.36	4.45	5.50	6.55	7.59	8.63	9.68	10.75	11.84	11.84		/ 1			
reaction time		interval		1.20	1.09	1.05	1.05	1.04	1.04	1.05	1.07	1.09	# of strides	4.45	3.14	3.16		
wind	0.2 m/s	velocity	4.63	8.33	9.17	9.52	9.52	9.62	9.62	9.52	9.35	9.17	8.45		6.74	9.55	9.49	

Heat 4 - 2007 IAAF World Championships (Osaka, JPN)

													Matsuo (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics					
date	26-Aug-07	time	2.11	3.34	4.45	5.53	6.58	7.64	8.70	9.76	10.85	11.98	11.98		2 / 6			
reaction time	0.152	interval		1.23	1.11	1.08	1.05	1.06	1.06	1.06	1.09	1.13	# of strides	4.45	3.19	3.21		
wind	-0.7 m/s	velocity	4.74	8.13	9.01	9.26	9.52	9.43	9.43	9.43	9.17	8.85	8.35		6.74	9.40	9.35	

FINAL - 2007 Japanese National Championships (Osaka, JPN)

													Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles					
date	30-Jun-07	time	2.07	3.25	4.33	5.37	6.40	7.42	8.45	9.48	10.53	11.61	11.61		/ 1			
reaction time		interval		1.18	1.08	1.04	1.03	1.02	1.03	1.03	1.05	1.08	# of strides	4.33	3.09	3.11		
wind	0.0 m/s	velocity	4.83	8.47	9.26	9.62	9.71	9.80	9.71	9.71	9.52	9.26	8.61		6.93	9.71	9.65	

FINAL - 2007 Osaka Grand Prix (Osaka, JPN)

													Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles					
date	05-May-07	time	2.14	3.32	4.39	5.42	6.44	7.45	8.47	9.51	10.57	11.65	11.65		/ 5			
reaction time		interval		1.18	1.07	1.03	1.02	1.01	1.02	1.04	1.06	1.08	# of strides	4.39	3.06	3.12		
wind	0.7 m/s	velocity	4.67	8.47	9.35	9.71	9.80	9.90	9.80	9.62	9.43	9.26	8.58		6.83	9.80	9.62	

Takahashi, Yuka (JPN) (1991)

	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	3.32	4.43	5.49	6.55	7.62	8.71	9.81	10.91	12.06	12.06	8 / 6			
reaction time		interval		1.11	1.06	1.06	1.07	1.09	1.10	1.10	1.15	# of strides	4.43	3.19	3.29	
wind	1.3 m/s	velocity	6.02	9.01	9.43	9.43	9.35	9.17	9.09	9.09	8.70	8.29		6.77	9.40	9.12

Takamori, Maho (JPN) (1996)

	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			6.59	7.61	8.70	9.80	10.92	12.07	12.07	6 / 5			
reaction time		interval				1.02	1.09	1.10	1.12	1.15	# of strides			3.31	
wind	-0.3 m/s	velocity			7.59	9.80	9.17	9.09	8.93	8.70	8.29				9.06

Takenaka, Hikaru (JPN) (1993)

	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)	<i>Abe (2011) - 64th high school championships: JAF scientific committee- biomechanics</i>															
date	30-Jul-10	time	2.13	3.37	5.62	6.72	7.84	8.96	10.07	11.21	12.38	12.38	7 / 3			
reaction time		interval		1.24	2.25	1.10	1.12	1.12	1.11	1.14	1.17	# of strides			3.34	
wind	-3.2 m/s	velocity	4.69	8.06	8.89	9.09	8.93	8.93	9.01	8.77	8.55	8.08				8.98

Takeuchi, Masaya (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			4.31	6.38				11.79	11.79	7 / 4			
reaction time	0.169	interval				2.07				5.41	# of strides	4.31			
wind	1.1 m/s	velocity			6.96	3.13				9.24	8.48		52.0	6.96	

Takeuchi, Sayaka (JPN) (1995)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 3 - 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	2.07	3.26	4.33	5.37	6.42	7.47	8.53	9.62	10.72	11.83	11.83	/ 3			
reaction time	0.141	interval		1.19	1.07	1.04	1.05	1.05	1.06	1.09	1.10	1.11	# of strides	4.33	3.14	3.25	
wind	-0.9 m/s	velocity	4.83	8.40	9.35	9.62	9.52	9.52	9.43	9.17	9.09	9.01	8.45		54.6	6.93	9.55

Tamayo, Cecilia (MEX) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Heat 6 - 2024 Olympic Games (Paris, FRA)	<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
date	02-Aug-24	time	2.07	3.22	4.27	5.28	6.28	7.28	8.29	9.28	10.32	11.39	11.39	6 / 5			
reaction time	0.142	interval		1.15	1.05	1.01	1.00	1.00	1.01	0.99	1.04	1.07	# of strides	4.27	3.01	3.04	
wind	-0.4 m/s	velocity	4.83	8.70	9.52	9.90	10.00	10.00	9.90	10.10	9.62	9.35	8.78		50.0	7.03	9.97

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Tanagiya, Tomomi (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		4.44		6.56					11.95	11.95	8 / 7				
reaction time	0.173	interval				2.12					5.39		# of strides	4.44			
wind	1.1 m/s	velocity		6.76		3.05					9.28	8.37	55.2	6.76			
Tanaka, Kiyono (JPN) (2002)																	
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
date	24-Oct-20	time	2.04	3.24	4.34	5.41	6.46	7.53	8.60	9.71	10.84	12.02	12.02	6 / 3			
reaction time	0.144	interval		1.20	1.10	1.07	1.05	1.07	1.07	1.11	1.13	1.18		# of strides	4.34	3.19	3.31
wind	-0.5 m/s	velocity	4.90	8.33	9.09	9.35	9.52	9.35	9.35	9.01	8.85	8.47	8.32	51.2	6.91	9.40	9.06
Tanderud, Elvira (SWE) (2004)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.15	3.32	4.37	5.43	6.47	7.50	8.53	9.56	10.62	11.69	11.69	5 / 3			
reaction time	0.160	interval		1.17	1.05	1.06	1.04	1.03	1.03	1.03	1.06	1.07		# of strides	4.37	3.13	3.12
wind	-0.3 m/s	velocity	4.65	8.55	9.52	9.43	9.62	9.71	9.71	9.71	9.43	9.35	8.55	6.86	9.58	9.62	
Taplin, Cheryl (USA) (1972)																	
FINAL - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	1.96		4.22		6.12				10.10	11.11	11.11	1 / 8			
reaction time		interval			2.26		1.90				3.98	1.01		# of strides	4.22		
wind	1.1 m/s	velocity	5.10		8.85		10.53				10.05	9.90	9.00	50.5	7.11		
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	2.06		4.24		6.16				10.10	11.19	11.19	7 / 4			
reaction time		interval			2.18		1.92				3.94	1.09		# of strides	4.24		
wind	0.2 m/s	velocity	4.85		9.17		10.42				10.15	9.17	8.94	51.5	7.08		
FINAL - 1995 USATF National Championships (Sacramento, CA)												<i>Lyle - miscellaneous coaching notes</i>					
date	16-Jun-95	time	1.95	3.18	4.24	5.25	6.27	7.28	8.28	9.35	10.37	11.48	11.62	7 / 7			
reaction time		interval		1.23	1.06	1.01	1.02	1.01	1.00	1.07	1.02	1.11		# of strides	4.24	3.04	3.09
wind	0.0 m/s	velocity	5.13	8.13	9.43	9.90	9.80	9.90	10.00	9.35	9.80	9.01	8.61	7.08	9.87	9.71	
Tarmoh, Jeneba (USA) (1989)																	
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	20-Jun-08	time	2.08	3.20	4.22	5.21	6.17	7.16	8.14	9.16	10.19	11.21	11.21	6 / 1			
reaction time		interval		1.12	1.02	0.99	0.96	0.99	0.98	1.02	1.03	1.02	PB	# of strides	4.22	2.94	3.03
wind	1.3 m/s	velocity	4.81	8.93	9.80	10.10	10.42	10.10	10.20	9.80	9.71	9.80	8.92	7.11	10.20	9.90	
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)												<i>USATF Women's Sprint Development (2006)</i>					
date	22-Jun-06	time	2.10	3.27	4.27	5.29	6.22	7.24	8.20	9.20	10.21	11.24	11.24	6 / 3			
reaction time		interval		1.17	1.00	1.02	0.93	1.02	0.96	1.00	1.01	1.03	PB	# of strides	4.27	2.97	2.97
wind	1.2 m/s	velocity	4.76	8.55	10.00	9.80	10.75	9.80	10.42	10.00	9.90	9.71	8.90	7.03	10.10	10.10	
Tashiro, Narumi (JPN) (1991)																	
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		4.38	5.45	6.47	7.50	8.58	9.61		11.78	11.78	7 / 3				
reaction time		interval			1.07	1.02	1.03	1.08	1.03		2.17		# of strides	4.38	3.12		
wind	1.6 m/s	velocity		6.85	9.35	9.80	9.71	9.26	9.71		9.22	8.49	6.85	9.62			
Tavares, Sónia (POR) (1986)																	
Quarter-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		3.16	4.21	5.22		7.27		9.31		11.45	11.45	8 / 8			
reaction time	0.136	interval			1.05	1.01		2.05		2.04		2.14		# of strides	4.21	3.06	
wind	0.8 m/s	velocity		6.33	9.52	9.90		9.76		9.80		9.35	8.73	50.0	7.13	9.80	
Taylor-Issajenko, Angella (CAN) (1958)																	
FINAL - 1987 IAAF World Championships (Rome, ITA)												<i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>					
date	30-Aug-87	time	2.02	3.13	4.17	5.16	6.12	7.08	8.04	9.03	10.06	11.09	11.09	3 / 5			
reaction time	0.203	interval		1.11	1.04	0.99	0.96	0.96	0.96	0.99	1.03	1.03	DV	# of strides	4.17	2.91	2.98
wind	-0.5 m/s	velocity	4.95	9.01	9.62	10.10	10.42	10.42	10.42	10.10	9.71	9.71	9.02	49.6	7.19	10.31	10.07
Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)												<i>Francis (1997) - training for speed</i>					
date	30-Aug-87	time	2.07	3.14	4.18	5.13	6.10	7.05	8.02	8.99	9.97	10.99	10.99	6 / 3			
reaction time		interval		1.07	1.04	0.95	0.97	0.95	0.97	0.97	0.98	1.02	DV	# of strides	4.18	2.87	2.92
wind	2.2 m/s	velocity	4.83	9.35	9.62	10.53	10.31	10.53	10.31	10.31	10.20	9.80	9.10	49.2	7.18	10.45	10.27
Quarter-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	29-Aug-87	time		4.15				7.02				10.99	10.99	4 / 4			

reaction time	interval			2.87						3.97	DV	# of strides	4.15	2.87
wind	1.6 m/s	velocity	7.23	10.45						10.08	9.10	48.0	7.23	10.45

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	4.27	7.26							11.42	11.42	/ 2	
reaction time	interval			2.99						4.16	DV	# of strides	4.27	2.99
wind	0.7 m/s	velocity	7.03	10.03						9.62	8.76		7.03	10.03

*Taylor, Angella (CAN) (1958)***FINAL - 1983 IAAF World Championships (Helsinki, FIN)***Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

date	08-Aug-83	time	3.12	5.19	6.20	7.18	8.17	9.20			11.30	11.30	3 / 7	
reaction time	0.185	interval		2.07	1.01	0.98	0.99	1.03			2.10		# of strides	
wind	-0.5 m/s	velocity	6.41	9.66	9.90	10.20	10.10	9.71			9.52	8.85	50.0	

Tengel, Katja (GER) (1981)

	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 - 2010 Sparkassen-Gala (Regensburg, GER)*Graubner (2010) - http://www.fgs.uni-halle.de*

date	05-Jun-10	time	3.33	4.39	5.42		7.47	9.56		11.72	11.72	/ 1			
reaction time	interval			1.06	1.03		2.05	2.09		2.16		# of strides	4.39	3.08	
wind	-0.1 m/s	velocity	6.01	9.43	9.71		9.76	9.57		9.26	8.53		6.83	9.74	

*Wakan, Katja (GER) (1981)***C FINAL - 2009 ISTAF (Berlin, GER)***Graubner (2009) - http://www.fgs.uni-halle.de*

date	14-Jun-09	time	3.32	4.39	5.42		7.49	9.63		11.83	11.83	/ 5		
reaction time	0.206	interval		1.07	1.03		2.07	2.14		2.20		# of strides	4.39	3.10
wind	0.9 m/s	velocity	6.02	9.35	9.71		9.66	9.35		9.09	8.45		6.83	9.68

Tenorio, Ángela (ECU) (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 5 - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic Games - Results Book (2024)*

date	02-Aug-24	time	2.12	3.27	4.33	5.33	6.32	7.30	8.29	9.29	10.30	11.35	11.35	4 / 6			
reaction time	0.202	interval		1.15	1.06	1.00	0.99	0.98	0.99	1.00	1.01	1.05		# of strides	4.33	2.97	3.00
wind	1.0 m/s	velocity	4.72	8.70	9.43	10.00	10.10	10.20	10.10	10.00	9.90	9.52	8.81	48.0	6.93	10.10	10.00

FINAL - 2024 FBK Games (Hengelo, NED)*Omega Timing (2024) - continental tour gold race analysis*

date	07-Jul-24	time	2.03	3.21	4.25	5.26	6.27	7.29	8.32	9.35	10.39	11.47	11.47	6 / 6			
reaction time	0.162	interval		1.18	1.04	1.01	1.01	1.02	1.03	1.03	1.04	1.08		# of strides	4.25	3.04	3.10
wind	0.6 m/s	velocity	4.93	8.47	9.62	9.90	9.90	9.80	9.71	9.71	9.62	9.26	8.72	48.5	7.06	9.87	9.68

FINAL - 2020 Memorial Van Damme (Brussels, BEL)*Omega Timing (2020) - diamond league race analysis*

date	04-Sep-20	time	3.3		5.4		7.5		9.5		11.68	11.68	3 / 5	
reaction time	0.153	interval			2.10		2.10		2.00		2.18		# of strides	
wind	0.2 m/s	velocity	6.06		9.52		9.52		10.00		9.17	8.56	50.5	

Terada, Asuka (JPN) (1990)

	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 All Japan Corporate Championships (Kumagaya, JPN)*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

date	19-Sep-20	time	2.05	3.24	4.33	5.39	6.44	7.49	8.56	9.65	10.78	11.93	11.93	/ 3			
reaction time	interval			1.19	1.09	1.06	1.05	1.05	1.07	1.09	1.13	1.15		# of strides	4.33	3.16	3.29
wind	-0.8 m/s	velocity	4.88	8.40	9.17	9.43	9.52	9.52	9.35	9.17	8.85	8.70	8.38		6.93	9.49	9.12

FINAL - 2007 Japanese National High School Championships (Saga, JPN)*Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time	3.23	4.31	5.33	6.36	7.39	8.44	9.50	10.58	11.71	11.71	6 / 1			
reaction time	interval			1.08	1.02	1.03	1.03	1.05	1.06	1.08	1.13	PB	# of strides	4.31	3.08	3.19
wind	1.3 m/s	velocity	6.19	9.26	9.80	9.71	9.71	9.52	9.43	9.26	8.85	8.54		6.96	9.74	9.40

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

date	05-Oct-19	time	4.35		6.47						11.91	11.91	3 / 5	
reaction time	0.163	interval			2.12						5.44		# of strides	4.35
wind	1.1 m/s	velocity	6.90		3.09						9.19	8.40	53.0	6.90

FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	23-Sep-18	time	2.02	3.22	4.32	5.39	6.45	7.52	8.60	9.71	10.85	12.02	12.02	8 / 8			
reaction time	0.116	interval		1.20	1.10	1.07	1.06	1.07	1.08	1.11	1.14	1.17		# of strides	4.32	3.20	3.33
wind	-0.1 m/s	velocity	4.95	8.33	9.09	9.35	9.43	9.35	9.26	9.01	8.77	8.55	8.32	53.3	6.94	9.38	9.01

Heat 6 - 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	2.02	3.20	4.29	5.35	6.39	7.44	8.50	9.58	10.68	11.77	11.77	/ 1			
reaction time	interval			1.18	1.09	1.06	1.04	1.05	1.06	1.08	1.10	1.09	PB	# of strides	4.29	3.15	3.24
wind	0.8 m/s	velocity	4.95	8.47	9.17	9.43	9.62	9.52	9.43	9.26	9.09	9.17	8.50	53.4	6.99	9.52	9.26

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

date	03-Aug-24	time	2.02	3.15	4.17	5.13	6.10	7.04	8.01	8.98	9.96	10.97	10.97	9 / 5			
reaction time	0.167	interval		1.13	1.02	0.96	0.97	0.94	0.97	0.97	0.98	1.01		# of strides	4.17	2.87	2.92

wind -0.1 m/s velocity 4.95 8.85 9.80 10.42 10.31 10.64 10.31 10.31 10.20 9.90 9.12 51.2 7.19 10.45 10.27

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

date 03-Aug-24 time 2.03 3.17 4.18 5.18 6.13 7.10 8.06 9.05 10.04 11.07 11.07 7 / 3
 reaction time 0.161 interval 1.14 1.01 1.00 0.95 0.97 0.96 0.99 0.99 1.03 # of strides 4.18 2.92 2.94
 wind 0.2 m/s velocity 4.93 8.77 9.90 10.00 10.53 10.31 10.42 10.10 10.10 9.71 9.03 52.0 7.18 10.27 10.20

Heat 6 - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic Games - Results Book (2024)*

date 02-Aug-24 time 2.04 3.18 4.20 5.19 6.15 7.13 8.10 9.09 10.10 11.15 11.15 5 / 1
 reaction time 0.157 interval 1.14 1.02 0.99 0.96 0.98 0.97 0.99 1.01 1.05 # of strides 4.20 2.93 2.97
 wind -0.4 m/s velocity 4.90 8.77 9.80 10.10 10.42 10.20 10.31 10.10 9.90 9.52 8.97 51.0 7.14 10.24 10.10

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

date 25-May-24 time 2.07 3.21 4.25 5.24 6.22 7.19 8.17 9.16 10.17 11.19 11.19 2 / 7
 reaction time 0.139 interval 1.14 1.04 0.99 0.98 0.97 0.98 0.99 1.01 1.02 # of strides 4.25 2.94 2.98
 wind 1.5 m/s velocity 4.83 8.77 9.62 10.10 10.20 10.31 10.20 10.10 9.90 9.80 8.94 2.0 7.06 10.20 10.07

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

date 16-Sep-23 time 2.02 3.14 4.15 5.11 6.06 6.99 7.94 8.89 9.85 10.83 10.83 2 / 5
 reaction time 0.134 interval 1.12 1.01 0.96 0.95 0.93 0.95 0.95 0.96 0.98 # of strides 4.15 2.84 2.86
 wind 0.8 m/s velocity 4.95 8.93 9.90 10.42 10.53 10.75 10.53 10.53 10.42 10.20 9.23 51.7 7.23 10.56 10.49

FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date 31-Aug-23 time 2.03 3.17 4.20 5.19 6.16 7.14 8.11 9.11 10.11 11.13 11.13 3 / 6
 reaction time 0.153 interval 1.14 1.03 0.99 0.97 0.98 0.97 1.00 1.00 1.02 # of strides 4.20 2.94 2.97
 wind -0.2 m/s velocity 4.93 8.77 9.71 10.10 10.31 10.20 10.31 10.00 10.00 9.80 8.98 53.0 7.14 10.20 10.10

FINAL - 2023 London Athletics Meet (London, GBR)*Omega Timing (2023) - diamond league race analysis*

date 23-Jul-23 time 2.01 3.15 4.17 5.15 6.10 7.05 8.01 8.98 9.97 10.99 10.99 2 / 6
 reaction time 0.154 interval 1.14 1.02 0.98 0.95 0.95 0.96 0.97 0.99 1.02 # of strides 4.17 2.88 2.92
 wind 1.2 m/s velocity 4.98 8.77 9.80 10.20 10.53 10.53 10.42 10.31 10.10 9.80 9.10 51.0 7.19 10.42 10.27

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

date 16-Jul-23 time 2.04 3.16 4.18 5.16 6.11 7.07 8.02 8.98 9.97 10.99 10.99 1 / 4
 reaction time 0.164 interval 1.12 1.02 0.98 0.95 0.96 0.95 0.96 0.99 1.02 # of strides 4.18 2.89 2.90
 wind 0.2 m/s velocity 4.90 8.93 9.80 10.20 10.53 10.42 10.53 10.42 10.10 9.80 9.10 52.0 7.18 10.38 10.34

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

date 08-Sep-22 time 3.19 5.19 7.12 9.08 11.10 11.10 7 / 6
 reaction time 0.178 interval 2.00 1.93 1.96 2.02 # of strides
 wind -0.8 m/s velocity 6.27 10.00 10.36 10.20 9.90 9.01 52.0

FINAL - 2022 Athletissima (Lausanne, SUI)*Omega Timing (2022) - diamond league race analysis*

date 26-Aug-22 time 3.14 5.18 7.11 9.07 11.13 11.13 7 / 5
 reaction time 0.160 interval 2.04 1.93 1.96 2.06 # of strides
 wind 0.0 m/s velocity 6.37 9.80 10.36 10.20 9.71 8.98 51.7

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)*Omega Timing (2022) - diamond league race analysis*

date 10-Aug-22 time 3.14 5.11 7.01 8.92 10.90 10.90 2 / 5
 reaction time 0.158 interval 1.97 1.90 1.91 1.98 # of strides
 wind 0.4 m/s velocity 6.37 10.15 10.53 10.47 10.10 9.17 52.0

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

date 06-Aug-22 time 3.15 5.16 7.11 9.10 11.20 11.20 7 / 8
 reaction time 0.156 interval 2.01 1.95 1.99 2.10 # of strides
 wind 0.5 m/s velocity 6.35 9.95 10.26 10.05 9.52 8.93 51.7

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

date 28-May-22 time 3.13 5.14 7.06 8.99 10.98 10.98 2 / 5
 reaction time 0.135 interval 2.01 1.92 1.93 1.99 # of strides
 wind 0.7 m/s velocity 6.39 9.95 10.42 10.36 10.05 9.11 52.7

Thánou, Ekateríni (GRE) (1975)

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

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

date 07-Aug-02 time 3.20 4.22 5.21 7.15 9.11 11.10 11.10 / 1
 reaction time 0.131 interval 1.02 0.99 1.94 1.96 1.99 # of strides 4.22 2.93
 wind -0.7 m/s velocity 6.25 9.80 10.10 10.31 10.20 10.05 9.01 52.5 7.11 10.24

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

date 07-Aug-02 time 3.18 4.20 5.18 7.10 9.05 11.05 11.05 / 1
 reaction time 0.144 interval 1.02 0.98 1.92 1.95 2.00 # of strides 4.20 2.90

wind	0.3 m/s	velocity	6.29	9.80	10.20	10.42	10.26	10.00	9.05	52.4	7.14	10.34
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Heat 4 - 2002 European Championships (Munich, GER)*Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time	3.17	4.19	5.17	7.11	9.05	11.07	11.07	/ 1		
reaction time	0.137	interval		1.02	0.98	1.94	1.94	2.02		# of strides	4.19	2.92
wind	0.3 m/s	velocity	6.31	9.80	10.20	10.31	10.31	9.90	9.03		7.16	10.27

FINAL - 2000 Olympic Games (Sydney, AUS)*Veney - Sydney 100m women's splits*

date	24-Sep-00	time	4.05	6.12	7.15	8.14	10.09	11.12	11.12	4 / 2 2			
reaction time	0.206	interval		2.07	1.03	0.99	1.95	1.03		# of strides	4.05	3.10	2.94
wind	-0.4 m/s	velocity	7.41	9.66	9.71	10.10	10.26	9.71	8.99		7.41	9.68	10.20

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

date	22-Aug-99	time	1.89	3.00	4.01	4.96	5.89	6.84	7.79	8.74	9.72	10.72	10.84	4 / 3			
reaction time	0.116	interval		1.11	1.01	0.95	0.93	0.95	0.95	0.95	0.98	1.00		# of strides	4.01	2.83	2.88
wind	-0.1 m/s	velocity	5.29	9.01	9.90	10.53	10.75	10.53	10.53	10.53	10.20	10.00	9.23		7.48	10.60	10.42

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

date	02-Jun-23	time	2.00	3.19	4.23	5.22	6.21	7.19	8.18	9.18	10.20	11.27	11.27	8 / 6				
reaction time	0.171	interval		1.19	1.04	0.99	0.99	0.98	0.99	1.00	1.02	1.07		# of strides	4.23	2.96	3.01	
wind	-0.4 m/s	velocity	5.00	8.40	9.62	10.10	10.10	10.20	10.10	10.00	9.80	9.35	8.87		47.0	7.09	10.14	9.97

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

date	21-May-22	time	3.18	5.26	7.26	9.25	11.31	11.31	4 / 5			
reaction time	0.160	interval		2.08	2.00	1.99	2.06		# of strides			
wind	-0.1 m/s	velocity	6.29	9.62	10.00	10.05	9.71	8.84		47.0		

Thomas, Kadi-Ann (GBR) (1986)

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

date	14-Jun-09	time	3.28	4.34	5.36	7.39	9.47	11.59	11.59	/ 4		
reaction time	0.192	interval		1.06	1.02	2.03	2.08	2.12		# of strides	4.34	3.05
wind	0.1 m/s	velocity	6.10	9.43	9.80	9.85	9.62	9.43	8.63		6.91	9.84

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

date	25-May-24	time	2.06	3.22	4.25	5.26	6.25	7.24	8.23	9.24	10.26	11.30	11.30	4 / 9				
reaction time	0.153	interval		1.16	1.03	1.01	0.99	0.99	0.99	1.01	1.02	1.04		# of strides	4.25	2.99	3.02	
wind	1.5 m/s	velocity	4.85	8.62	9.71	9.90	10.10	10.10	10.10	9.90	9.80	9.62	8.85		51.2	7.06	10.03	9.93

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

date	16-Sep-23	time	2.02	3.14	4.14	5.10	6.04	6.97	7.91	8.86	9.81	10.79	10.79	3 / 3				
reaction time	0.159	interval		1.12	1.00	0.96	0.94	0.93	0.94	0.95	0.95	0.98		# of strides	4.14	2.83	2.84	
wind	0.8 m/s	velocity	4.95	8.93	10.00	10.42	10.64	10.75	10.64	10.53	10.53	10.20	9.27		50.0	7.25	10.60	10.56

FINAL - 2023 Memorial van Damme (Brussels, BEL)*Omega Timing (2023) - diamond league race analysis*

date	08-Sep-23	time	2.01	3.13	4.13	5.09	6.04	6.98	7.93	8.88	9.85	10.84	10.84	5 / 1				
reaction time	0.186	interval		1.12	1.00	0.96	0.95	0.94	0.95	0.95	0.97	0.99		# of strides	4.13	2.85	2.87	
wind	0.0 m/s	velocity	4.98	8.93	10.00	10.42	10.53	10.64	10.53	10.53	10.31	10.10	9.23		50.0	7.26	10.53	10.45

FINAL - 2023 Weltklasse (Zürich, SUI)*Omega Timing (2023) - diamond league race analysis*

date	31-Aug-23	time	2.04	3.17	4.19	5.16	6.12	7.08	8.04	9.01	9.99	11.00	11.00	5 / 3				
reaction time	0.181	interval		1.13	1.02	0.97	0.96	0.96	0.96	0.97	0.98	1.01		# of strides	4.19	2.89	2.91	
wind	-0.2 m/s	velocity	4.90	8.85	9.80	10.31	10.42	10.42	10.42	10.31	10.20	9.90	9.09		50.0	7.16	10.38	10.31

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

date	03-Aug-22	time	3.1	5.1	7.0	8.9	10.95	10.95	4 / 1			
reaction time	0.149	interval		2.00	1.90	1.90	2.05		# of strides			
wind	0.4 m/s	velocity	6.45	10.00	10.53	10.53	9.76	9.13		51.0		

FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)*Omega Timing (2022) - diamond league race analysis*

date	05-Jun-22	time	3.12	5.10	6.98	8.88	10.83	10.83	5 / 1			
reaction time	0.158	interval		1.98	1.88	1.90	1.95		# of strides			
wind	0.3 m/s	velocity	6.41	10.10	10.64	10.53	10.26	9.23		51.0		

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

date	28-May-22	time	3.11	5.09	6.98	8.85	10.79	10.79	6 / 1			
reaction time	0.150	interval		1.98	1.89	1.87	1.94		# of strides			
wind	0.7 m/s	velocity	6.43	10.10	10.58	10.70	10.31	9.27		50.5		

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

date	09-Sep-21	time	3.1	5.1	6.9	8.8	10.65	10.65	4 / 1								
reaction time	0.139	interval		2.00	1.80	1.90	1.85		# of strides								
wind	0.6 m/s	velocity	6.45	10.00	11.11	10.53	10.81	9.39	49.7								
FINAL - 2021 Athletissima (Lausanne, SUI)																	
date	26-Aug-21	time	3.2	5.1	7.0	8.8	10.64	10.64	6 / 2								
reaction time	0.154	interval		1.90	1.90	1.80	1.84		# of strides								
wind	1.7 m/s	velocity	6.25	10.53	10.53	11.11	10.87	9.40	48.2								
FINAL - 2021 Prefontaine Classic (Eugene, OR)																	
date	21-Aug-21	time	3.1	5.1	6.9	8.7	10.54	10.54	6 / 1								
reaction time	0.150	interval		2.00	1.80	1.80	1.84	NR PB	# of strides								
wind	0.9 m/s	velocity	6.45	10.00	11.11	11.11	10.87	9.49	49.5								
FINAL - 2020 Olympic Games (Tokyo, JPN)																	
date	31-Jul-21	time	4.07		6.87	8.72	10.61	10.61	4 / 1								
reaction time	0.150	interval			2.80	3.74	1.89	OR NR	# of strides								
wind	-0.6 m/s	velocity	7.37		10.71	5.35	10.58	9.43	50.0 7.37 10.71								
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)																	
date	17-Sep-20	time	3.1	5.1	7.0	8.9	10.84	10.85	5 / 1								
reaction time	0.146	interval		2.00	1.90	1.90	1.94		# of strides								
wind	0.2 m/s	velocity	6.45	10.00	10.53	10.53	10.31	9.22	50.7								
FINAL - 2019 IAAF World Championships (Doha, QAT)																	
date	29-Sep-19	time	1.99	3.11	4.12	5.08	6.03	6.97	7.92	8.89	9.89	10.93	10.93	5 / 4			
reaction time	0.143	interval	1.12	1.01	0.96	0.95	0.94	0.95	0.97	1.00	1.04			# of strides	4.12	2.85	2.92
wind	0.1 m/s	velocity	5.03	8.93	9.90	10.42	10.53	10.64	10.53	10.31	10.00	9.62	9.15	50.2	7.28	10.53	10.27
FINAL - 2019 Meeting de Paris (Paris, FRA)																	
date	24-Aug-19	time			6.1							10.98	10.98	4 / 1			
reaction time	0.123	interval										4.88		# of strides			
wind	-0.2 m/s	velocity			8.20							10.25	9.11	51.0			
FINAL - 2017 IAAF World Championships (London, GBR)																	
date	06-Aug-17	time	2.06	3.21	4.22	5.17	6.13	7.08	8.04	9.01	9.99	10.98	10.98	6 / 5			
reaction time	0.200	interval		1.15	1.01	0.95	0.96	0.95	0.96	0.97	0.98	0.99		# of strides	4.22	2.86	2.91
wind	-0.1 m/s	velocity	4.85	8.70	9.90	10.53	10.42	10.53	10.42	10.31	10.20	10.10	9.11	50.5	7.11	10.49	10.31
Tollin, Julia (SWE) (1989)																	
FINAL - 2007 Windsprint (Sundsvall, SWE)																	
date	24-Jul-07	time		4.47								10.04	12.35	12.35	8 / 8		
reaction time		interval										3.35	2.22	2.31	# of strides	4.47	3.35
wind	1.0 m/s	velocity		6.71								8.96	9.01	8.66	8.10	6.71	8.96
Tornemark, Pernilla (SWE) (1985)																	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.58								7.77	12.10	12.10	5 / 5		
reaction time		interval										3.19	4.33		# of strides	4.58	3.19
wind	-0.3 m/s	velocity		6.55								9.40	9.24	8.26	6.55	9.40	
Törnros, Sandra (SWE) (1995)																	
A FINAL - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.63								7.86	12.30	12.30	7 / 7		
reaction time		interval										3.23	4.44		# of strides	4.63	3.23
wind	2.0 m/s	velocity		6.48								9.29	9.01	8.13	6.48	9.29	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time		4.60								7.82	12.22	12.22	8 / 7		
reaction time		interval										3.22	4.40		# of strides	4.60	3.22
wind	-0.3 m/s	velocity		6.52								9.32	9.09	8.18	6.52	9.32	
C FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.49								7.70	9.86	12.09	12.09	4 / 1	
reaction time		interval										3.21	2.16	2.23	# of strides	4.49	3.21
wind	-0.1 m/s	velocity		6.68								9.35	9.26	8.97	8.27	6.68	9.35
B FINAL - 2011 Windsprint (Sundsvall, SWE)																	
date	31-Jul-11	time		4.56								7.74	9.87	12.11	12.11	6 / 8	
reaction time		interval										3.18	2.13	2.24	# of strides	4.56	3.18
wind	3.4 m/s	velocity		6.58								9.43	9.39	8.93	8.26	6.58	9.43

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Torrence, Gwen (USA) (1965)																	
FINAL - 1996 USA Olympic Trials (Atlanta, GA)		<i>USATF Women's Sprint Development (1996)</i>															
date	15-Jun-96	time	1.90	4.12	5.99					9.73	10.82	10.82	4 / 1				
reaction time		interval		2.22	1.87					3.74	1.09	PB	# of strides	4.12			
wind	1.1 m/s	velocity	5.26	9.01	10.70					10.70	9.17	9.24	49.5	7.28			
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)		<i>USATF Women's Sprint Development (1996)</i>															
date	15-Jun-96	time	2.04	4.19	6.08					9.93	10.98	10.98	4 / 1				
reaction time		interval		2.15	1.89					3.85	1.05		# of strides	4.19			
wind	0.2 m/s	velocity	4.90	9.30	10.58					10.39	9.52	9.11	49.3	7.16			
FINAL - 1995 USATF National Championships (Sacramento, CA)		<i>Lyle - miscellaneous coaching notes</i>															
date	16-Jun-95	time	1.91	3.15	4.17	5.18	6.08	7.06	8.00	8.95	9.98	11.03	11.04	3 / 1			
reaction time		interval		1.24	1.02	1.01	0.90	0.98	0.94	0.95	1.03	1.05		# of strides	4.17	2.89	2.92
wind	0.0 m/s	velocity	5.24	8.06	9.80	9.90	11.11	10.20	10.64	10.53	9.71	9.52	9.06		7.19	10.38	10.27
FINAL - 1993 IAAF World Championships (Stuttgart, GER)		<i>Price (1994) - split times for 100m sprint, 1993 IAAF world championship</i>															
date	16-Aug-93	time		4.14				7.00		8.92		10.89	10.89	3 / 3			
reaction time	0.142	interval					2.86		1.92		1.97			# of strides	4.14	2.86	
wind	0.3 m/s	velocity		7.25			10.49		10.42		10.15		9.18		49.5	7.25	10.49
FINAL - 1992 Olympic Games (Barcelona, ESP)		<i>Arnold (1992) - 1992 Olympic report: 100m men</i>															
date	01-Aug-92	time		3.14			5.11		6.99		8.93		10.85	10.86	5 / 4		
reaction time	0.175	interval				1.97		1.88		1.94		1.92	PB	# of strides			
wind	-1.0 m/s	velocity		6.37		10.15		10.64		10.31		10.42	9.21	50.7			
FINAL - 1991 IAAF World Championships (Tokyo, JPN)		<i>Butler (2013) - IAAF world championships statistics handbook- moscow 2013</i>															
date	27-Aug-91	time				6.16						11.03	11.03	5 / 2			
reaction time	0.152	interval										4.87		# of strides			
wind	-3.0 m/s	velocity				8.12						10.27	9.07	51.0			
FINAL - 1988 Olympic Games (Seoul, KOR)		<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>															
date	25-Sep-88	time	2.01	3.12	4.15	5.13	6.10	7.05	8.01	8.99	9.98	10.97	10.97	1 / 5			
reaction time	0.148	interval		1.11	1.03	0.98	0.97	0.95	0.96	0.98	0.99	0.99		# of strides	4.15	2.90	2.93
wind	3.0 m/s	velocity	4.98	9.01	9.71	10.20	10.31	10.53	10.42	10.20	10.10	10.10	9.12	49.7	7.23	10.34	10.24
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	25-Sep-88	time	2.00	3.11	4.16	5.14	6.12	7.08	8.04	9.03	10.02	11.02	11.02	5 / 3			
reaction time	0.130	interval		1.11	1.05	0.98	0.98	0.96	0.96	0.99	0.99	1.00		# of strides	4.16	2.92	2.94
wind	0.5 m/s	velocity	5.00	9.01	9.52	10.20	10.20	10.42	10.42	10.10	10.10	10.00	9.07		7.21	10.27	10.20
Torres, Gladymar (PUR) (2003)																	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	03-Aug-24	time	2.00	3.16	4.21	5.22	6.22	7.21	8.21	9.22	10.27	11.33	11.33	9 / 6			
reaction time	0.138	interval		1.16	1.05	1.01	1.00	0.99	1.00	1.01	1.05	1.06		# of strides	4.21	3.00	3.06
wind	-0.1 m/s	velocity	5.00	8.62	9.52	9.90	10.00	10.10	10.00	9.90	9.52	9.43	8.83	54.2	7.13	10.00	9.80
Torrez, Guadalupe (BOL) (2001)																	
Heat 3 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.11	3.28	4.34	5.38	6.41	7.43	8.46	9.51	10.57	11.68	11.68	2 / 8			
reaction time	0.177	interval		1.17	1.06	1.04	1.03	1.02	1.03	1.05	1.06	1.11		# of strides	4.34	3.09	3.14
wind	1.5 m/s	velocity	4.74	8.55	9.43	9.62	9.71	9.80	9.71	9.52	9.43	9.01	8.56	54.0	6.91	9.71	9.55
Prelim 3 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.10	3.27	4.33	5.35	6.36	7.37	8.40	9.43	10.50	11.60	11.60	6 / 2			
reaction time	0.171	interval		1.17	1.06	1.02	1.01	1.01	1.03	1.03	1.07	1.10		# of strides	4.33	3.04	3.13
wind	1.1 m/s	velocity	4.76	8.55	9.43	9.80	9.90	9.90	9.71	9.71	9.35	9.09	8.62	104.0	6.93	9.87	9.58
Tran, Thi Nhi Yan (VIE) (2005)																	
Heat 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.10	3.26	4.33	5.37	6.38	7.41	8.46	9.54	10.64	11.79	11.79	4 / 7			
reaction time	0.160	interval		1.16	1.07	1.04	1.01	1.03	1.05	1.08	1.10	1.15		# of strides	4.33	3.08	3.23
wind	0.1 m/s	velocity	4.76	8.62	9.35	9.62	9.90	9.71	9.52	9.26	9.09	8.70	8.48	48.5	6.93	9.74	9.29
Prelim 2 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.09	3.25	4.32	5.37	6.39	7.43	8.50	9.57	10.68	11.81	11.81	7 / 1			
reaction time	0.165	interval		1.16	1.07	1.05	1.02	1.04	1.07	1.07	1.11	1.13		# of strides	4.32	3.11	3.25
wind	1.1 m/s	velocity	4.78	8.62	9.35	9.52	9.80	9.62	9.35	9.35	9.01	8.85	8.47	48.0	6.94	9.65	9.23
Trollsås Malin (SWE) (1993)																	

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

date	28-Jul-13	time	4.71	8.05	10.29	12.60	12.60	8 / 4						
reaction time		interval		3.34	2.24	2.31		# of strides	4.71	3.34				
wind	2.7 m/s	velocity	6.37	8.98	8.93	8.66	7.94		6.37	8.98				

Tschirch, Cathleen (GER) (1979)

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

date	14-Jun-09	time	3.27	4.34	5.38	7.43	9.52	11.61	11.61	/ 6				
reaction time	0.168	interval		1.07	1.04	2.05	2.09	2.09		# of strides	4.34	3.09		
wind	0.1 m/s	velocity	6.12	9.35	9.62	9.76	9.57	9.57	8.61		6.91	9.71		

Tsuha, Akane (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 - 2009 Japanese National High School Championships (Nara, JPN)Mitsuo (2009) - [62nd high school championships: JAF scientific committee - biomechanics data collection](http://www.fgs.uni-halle.de)

date	30-Jul-09	time	4.38	5.45	6.48	7.52	8.60	9.63	11.82	11.82	9 / 5			
reaction time		interval		1.07	1.03	1.04	1.08	1.03	2.19		# of strides	4.38	3.14	
wind	1.6 m/s	velocity	6.85	9.35	9.71	9.62	9.26	9.71	9.13	8.46		6.85	9.55	

Tsukuda, Misa (JPN) (2001)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)Kota (2017) - [70th high school championships: JAF scientific committee - biomechanics data](http://www.fgs.uni-halle.de)

date	30-Jul-17	time	4.45			7.76			11.16	12.35	12.35	8 / 6		
reaction time	0.146	interval				3.31			3.40	1.19		# of strides	4.45	3.31
wind	-3.0 m/s	velocity	6.74			9.06			8.82	8.40	8.10		6.74	9.06

Tsuruta, Remi (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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FINAL - 2020 Japanese National Championships (Niigata, JPN)Takahashi (2021) - [Race analysis of 100m women's athletes in major domestic competitions](http://www.fgs.uni-halle.de)

date	02-Oct-20	time	2.05	3.21	4.28	5.32	6.33	7.35	8.37	9.41	10.46	11.53	5 / 2	
reaction time	0.158	interval		1.16	1.07	1.04	1.01	1.02	1.02	1.04	1.05	1.07	# of strides	4.28
wind	0.5 m/s	velocity	4.88	8.62	9.35	9.62	9.90	9.80	9.80	9.62	9.52	9.35		7.01

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)Takahashi (2021) - [Race analysis of 100m women's athletes in major domestic competitions](http://www.fgs.uni-halle.de)

date	19-Sep-20	time	2.07	3.27	4.37	5.43	6.47	7.52	8.57	9.63	10.70	11.79	11.79	/ 1
reaction time		interval		1.20	1.10	1.06	1.04	1.05	1.05	1.06	1.07	1.09	# of strides	4.37
wind	-0.8 m/s	velocity	4.83	8.33	9.09	9.43	9.62	9.52	9.43	9.35	9.17	8.48		6.86

FINAL - 2020 Athlete Night Games (Fukui, JPN)Takahashi (2021) - [Race analysis of 100m women's athletes in major domestic competitions](http://www.fgs.uni-halle.de)

date	29-Aug-20	time	2.04	3.22	4.29	5.32	6.34	7.35	8.36	9.38	10.42	11.48	11.48	/ 1
reaction time		interval		1.18	1.07	1.03	1.02	1.01	1.01	1.02	1.04	1.06	PB	# of strides
wind	1.1 m/s	velocity	4.90	8.47	9.35	9.71	9.80	9.90	9.90	9.80	9.62	9.43	8.71	

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)Takahashi (2021) - [Race analysis of 100m women's athletes in major domestic competitions](http://www.fgs.uni-halle.de)

date	23-Aug-20	time	2.05	3.24	4.34	5.39	6.44	7.48	8.52	9.58	10.64	11.72	11.72	2 / 2
reaction time	0.162	interval		1.19	1.10	1.05	1.05	1.04	1.04	1.06	1.06	1.08	# of strides	4.34
wind	-0.9 m/s	velocity	4.88	8.40	9.09	9.52	9.52	9.62	9.62	9.43	9.43	9.26	8.53	

Tugade, Regine (GUM) (1998)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Prelim 2 - 2024 Olympic Games (Paris, FRA)Paris 2024 Olympic Games - [Results Book \(2024\)](http://www.fgs.uni-halle.de)

date	02-Aug-24	time	2.13	3.33	4.43	5.49	6.53	7.59	8.66	9.74	10.87	12.02	12.02	5 / 4
reaction time	0.182	interval		1.20	1.10	1.06	1.04	1.06	1.07	1.08	1.13	1.15	# of strides	4.43
wind	1.1 m/s	velocity	4.69	8.33	9.09	9.43	9.62	9.43	9.35	9.26	8.85	8.70	8.32	

Turner, Laura (GBR) (1982)

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

date	17-Jun-12	time	4.34			7.52			9.68		11.95	11.95	/ 2	
reaction time		interval				3.18			2.16		2.27		# of strides	4.34
wind	1.0 m/s	velocity	6.91			9.43			9.26		8.81	8.37		6.91

FINAL - 2010 Sparkassen-Gala (Regensburg, GER)Graubner (2010) - <http://www.fgs.uni-halle.de>

date	05-Jun-10	time	3.23	4.27	5.27	7.29	9.33	11.44	11.44	/ 2				
reaction time		interval		1.04	1.00	2.02	2.04	2.11	2.11		# of strides	4.27	3.02	
wind	-0.4 m/s	velocity	6.19	9.62	10.00	9.90	9.80	9.48	8.74			7.03	9.93	

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

date	14-Jun-09	time	3.21	4.26	5.28	7.31	9.38	11.46	11.46	/ 2				
reaction time	0.175	interval		1.05	1.02	2.03	2.07	2.08	2.08		# of strides	4.26	3.05	
wind	0.1 m/s	velocity	6.23	9.52	9.80	9.85	9.66	9.62	8.73			7.04	9.84	

Tyson, Cleo (USA) (1986)

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 Junior Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	23-Jun-05	time	2.12	2.37	4.29	5.31	6.31	7.34	8.31	9.36	10.38	11.44	11.44	7 / 1
reaction time		interval		0.25	1.92	1.02	1.00	1.03	0.97	1.05	1.02	1.06	# of strides	4.29
wind	-1.1 m/s	velocity	4.72	40.00	5.21	9.80	10.00	9.71	10.31	9.52	9.80	9.43	8.74	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ullgren, Moa (SWE) (1996)																	
D FINAL - 2014 Windsprint (Sundsvall, SWE)																	
		<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
date	20-Jul-14	time		4.63			8.00		10.26		12.60	12.60	4 / 1				
reaction time		interval				3.37		2.26		2.34			# of strides	4.63	3.37		
wind	3.1 m/s	velocity		6.48		8.90		8.85		8.55	7.94			6.48	8.90		
Uchiyama, Kyoka (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		4.43		6.63					12.12	12.12	5 / 1				
reaction time		interval				2.20				5.49			# of strides	4.43			
wind	-1.8 m/s	velocity		6.77		3.02				9.11	8.25			53.2	6.77		
Urbánková, Petra (CZE) (1991)																	
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	2.14	3.25	4.35	5.35	6.37	7.40	8.46	9.54	10.62	11.71	11.71	3 / 3			
reaction time		interval	0.141	1.11	1.10	1.00	1.02	1.03	1.06	1.08	1.08	1.09		# of strides	4.35	3.05	3.22
wind	-0.2 m/s	velocity	4.67	9.01	9.09	10.00	9.80	9.71	9.43	9.26	9.26	9.17	8.54		6.90	9.84	9.32
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		3.26		5.38		7.48		9.64		11.88	11.88	4 / 1			
reaction time		interval				2.12		2.10		2.16		2.24		# of strides			
wind	-1.1 m/s	velocity		6.13		9.43		9.52		9.26		8.93	8.42				
Usui, Ayane (JPN) (2000)																	
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	2.02	3.20	4.29	5.34	6.38	7.42	8.48	9.56	10.65	11.77	11.77	1 / 3			
reaction time		interval		1.18	1.09	1.05	1.04	1.04	1.06	1.08	1.09	1.12	PB	# of strides	4.29	3.13	3.23
wind	0.0 m/s	velocity	4.95	8.47	9.17	9.52	9.62	9.62	9.43	9.26	9.17	8.93	8.50		6.99	9.58	9.29
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)																	
		<i>Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data</i>															
date	30-Jul-17	time		4.31			7.55		10.89	12.06	12.06	12.06	4 / 2				
reaction time		interval				3.24		3.34	1.17				# of strides	4.31	3.24	3.34	
wind	-3.0 m/s	velocity		6.96		9.26		8.98	8.55	8.29				6.96	9.26	8.98	
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)																	
		<i>Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data</i>															
date	30-Jul-16	time		3.16	4.36	5.47	6.56	7.67	8.76	9.90		12.20	12.20	1 / 6			
reaction time		interval			1.20	1.11	1.09	1.11	1.09	1.14		2.30		# of strides	4.36	3.31	
wind	1.6 m/s	velocity		6.33	8.33	9.01	9.17	9.01	9.17	8.77		8.70	8.20		6.88	9.06	
Valášková, Tereza (CZE) (1998)																	
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		3.48		5.75		8.01		10.34		12.73	12.73	3 / 5			
reaction time		interval				2.27		2.26		2.33		2.39		# of strides			
wind	-1.4 m/s	velocity		5.75		8.81		8.85		8.58		8.37	7.86				
van Beurden, Maartje (SUI) (2000)																	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	27-Feb-16	time		4.57			7.93					7.93	1 / 7				
reaction time		interval				3.36							# of strides	4.57	3.36		
wind		velocity		6.56		8.93						7.57		6.56	8.93		
van Camp, Emma (SUI) (2004)																	
Heat A - 2024 Weltklasse (Zürich, SUI)																	
		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	05-Sep-24	time	2.06	3.25	4.30	5.32	6.33	7.35	8.39	9.43	10.49	11.59	11.59	1 / 8			
reaction time		interval		1.19	1.05	1.02	1.01	1.02	1.04	1.04	1.06	1.10		# of strides	4.30	3.05	3.14
wind	-0.3 m/s	velocity	4.85	8.40	9.52	9.80	9.90	9.80	9.62	9.62	9.43	9.09	8.63		6.98	9.84	9.55
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)																	
		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	22-Aug-24	time	2.07	3.24	4.31	5.33	6.36	7.38	8.41	9.46	10.53	11.62	11.62	8 / 8			
reaction time		interval		1.17	1.07	1.02	1.03	1.02	1.03	1.05	1.07	1.09		# of strides	4.31	3.07	3.15
wind	-0.1 m/s	velocity	4.83	8.55	9.35	9.80	9.71	9.80	9.71	9.52	9.35	9.17	8.61		6.96	9.77	9.52
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)																	
		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	26-Aug-22	time		3.3		5.4		7.4		9.5		11.80	11.80	2 / 5			
reaction time		interval				2.10		2.00		2.10		2.30		# of strides			
wind	0.8 m/s	velocity		6.06		9.52		10.00		9.52		8.70	8.47				
van den Berg, Daphne (SUI) (1997)																	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	27-Feb-16	time		4.64			7.99					7.99	1 / 8				

reaction time	interval	velocity	6.47	3.35	8.96	7.51	# of strides	4.64	3.35	6.47	8.96							
van den Berg, Isabel (NED) (2005)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	22-Aug-24	time	2.11	3.28	4.36	5.39	6.41	7.42	8.46	9.51	10.57	11.64	11.64	6 / 4				
reaction time	0.153	interval		1.17	1.08	1.03	1.02	1.01	1.04	1.05	1.06	1.07		# of strides	4.36	3.06	3.15	
wind	2.2 m/s	velocity	4.74	8.55	9.26	9.71	9.80	9.90	9.62	9.52	9.43	9.35	8.59		6.88	9.80	9.52	
FINAL - 2024 FBK Games (Hengelo, NED)												<i>Omega Timing (2024) - continental tour gold race analysis</i>						
date	07-Jul-24	time	2.04	3.25	4.30	5.36	6.41	7.48	8.53	9.58	10.63	11.72	11.72	8 / 7				
reaction time	0.161	interval		1.21	1.05	1.06	1.05	1.07	1.05	1.05	1.05	1.09		# of strides	4.30	3.18	3.15	
wind	0.6 m/s	velocity	4.90	8.26	9.52	9.43	9.52	9.35	9.52	9.52	9.52	9.17	8.53		6.98	9.43	9.52	
van der Weken, Patrizia (LUX) (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)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	13-Sep-24	time	2.02	3.16	4.19	5.18	6.16	7.13	8.11	9.11	10.12	11.16	11.16	1 / 5				
reaction time	0.113	interval		1.14	1.03	0.99	0.98	0.97	0.98	1.00	1.01	1.04		# of strides	4.19	2.94	2.99	
wind	0.2 m/s	velocity	4.95	8.77	9.71	10.10	10.20	10.31	10.20	10.00	9.90	9.62	8.96		7.16	10.20	10.03	
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	25-Aug-24	time	2.02	3.16	4.17	5.14	6.11	7.06	8.02	9.00	10.01	11.03	11.03	9 / 5				
reaction time	0.144	interval		1.14	1.01	0.97	0.97	0.95	0.96	0.98	1.01	1.02		# of strides	4.17	2.89	2.95	
wind	2.9 m/s	velocity	4.95	8.77	9.90	10.31	10.31	10.53	10.42	10.20	9.90	9.80	9.07		7.19	10.38	10.17	
FINAL - 2024 Athletissima (Lausanne, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	22-Aug-24	time		3.20	4.25	5.24	6.22	7.19	8.18	9.18	10.19	11.24	11.24	1 / 8				
reaction time	0.136	interval			1.05	0.99	0.98	0.97	0.99	1.00	1.01	1.05		# of strides	4.25	2.94	3.00	
wind	-0.4 m/s	velocity		6.25	9.52	10.10	10.20	10.31	10.10	10.00	9.90	9.52	8.90		49.0	7.06	10.20	10.00
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	03-Aug-24	time	2.03	3.18	4.20	5.20	6.17	7.13	8.11	9.10	10.10	11.13	11.13	8 / 4				
reaction time	0.128	interval		1.15	1.02	1.00	0.97	0.96	0.98	0.99	1.00	1.03		# of strides	4.20	2.93	2.97	
wind	-0.1 m/s	velocity	4.93	8.70	9.80	10.00	10.31	10.42	10.20	10.10	10.00	9.71	8.98		49.0	7.14	10.24	10.10
Heat 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	02-Aug-24	time	2.03	3.18	4.22	5.21	6.17	7.13	8.10	9.09	10.10	11.14	11.14	8 / 2				
reaction time	0.141	interval		1.15	1.04	0.99	0.96	0.96	0.97	0.99	1.01	1.04		# of strides	4.22	2.91	2.97	
wind	0.1 m/s	velocity	4.93	8.70	9.62	10.10	10.42	10.42	10.31	10.10	9.90	9.62	8.98		48.7	7.11	10.31	10.10
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	12-Jul-24	time	2.01	3.17	4.20	5.18	6.15	7.11	8.06	9.03	10.02	11.02	11.02	8 / 4				
reaction time	0.107	interval		1.16	1.03	0.98	0.97	0.96	0.95	0.97	0.99	1.00		# of strides	4.20	2.91	2.91	
wind	-1.0 m/s	velocity	4.98	8.62	9.71	10.20	10.31	10.42	10.53	10.31	10.10	10.00	9.07		48.0	7.14	10.31	10.31
FINAL - 2024 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	07-Jul-24	time		1.97		5.12	6.08	7.05	8.03	9.00	9.99	11.06	11.06	8 / 1				
reaction time	0.135	interval				3.15	0.96	0.97	0.98	0.97	0.99	1.07		# of strides			2.94	
wind	-2.0 m/s	velocity		5.08		9.52	10.42	10.31	10.20	10.31	10.10	9.35	9.04		49.0		10.20	
van Gansewinkel, Marlene (NED) (1991)			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	2.39	3.70	4.87	6.00	7.10	8.18	9.28	10.38	11.50	12.68	12.68	2 / 2				
reaction time	0.190	interval		1.31	1.17	1.13	1.10	1.08	1.10	1.10	1.12	1.18		# of strides	4.87	3.31	3.32	
wind	0.7 m/s	velocity	4.18	7.63	8.55	8.85	9.09	9.26	9.09	9.09	8.93	8.47	7.89		51.0	6.16	9.06	9.04
van Hünenstijn, Marije (NED) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat A - 2024 Weltklasse (Zürich, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>						
date	05-Sep-24	time	2.09	3.27	4.33	5.34	6.35	7.35	8.35	9.35	10.37	11.45	11.45	2 / 7				
reaction time	0.135	interval		1.18	1.06	1.01	1.01	1.00	1.00	1.00	1.02	1.08		# of strides	4.33	3.02	3.02	
wind	-0.3 m/s	velocity	4.78	8.47	9.43	9.90	9.90	10.00	10.00	10.00	9.80	9.26	8.73		6.93	9.93	9.93	
FINAL - 2024 FBK Games (Hengelo, NED)												<i>Omega Timing (2024) - continental tour gold race analysis</i>						
date	07-Jul-24	time	2.05	3.24	4.31	5.32	6.33	7.32	8.32	9.33	10.34	11.39	11.39	3 / 3				
reaction time	0.157	interval		1.19	1.07	1.01	1.01	0.99	1.00	1.01	1.01	1.05		# of strides	4.31	3.01	3.02	
wind	0.6 m/s	velocity	4.88	8.40	9.35	9.90	9.90	10.10	10.00	9.90	9.90	9.52	8.78		48.5	6.96	9.97	9.93
National FINAL - 2023 Weltklasse (Zürich, SUI)												<i>Omega Timing (2023) - diamond league race analysis</i>						
date	31-Aug-23	time	2.10	3.29	4.35	5.37	6.38	7.38	8.39	9.41	10.44	11.49	11.49	9 / 8				
reaction time	0.162	interval		1.19	1.06	1.02	1.01	1.00	1.01	1.02	1.03	1.05		# of strides	4.35	3.03	3.06	
wind	-0.1 m/s	velocity	4.76	8.40	9.43	9.80	9.90	10.00	9.90	9.80	9.71	9.52	8.70		6.90	9.90	9.80	

FINAL - 2022 FBK Games (Hengelo, NED)

date	06-Jun-22	time	3.2	5.3	7.3	9.4	11.56	11.56	9 / 8	<i>Omega Timing (2022) - continental tour race analysis</i>
reaction time	0.126	interval		2.10	2.00	2.10	2.16		# of strides	
wind	0.8 m/s	velocity	6.25	9.52	10.00	9.52	9.26	8.65	50.0	

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

date	13-Jul-21	time	3.3	5.4	7.4	9.4	11.41	11.41	3 / 4	<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.166	interval		2.10	2.00	2.00	2.01		# of strides	
wind	1.5 m/s	velocity	6.06	9.52	10.00	10.00	9.95	8.76		

National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)

date	04-Jul-21	time	3.3	5.4	7.3	9.3	11.32	11.32	2 / 3	<i>Omega Timing (2021) - diamond league race analysis</i>
reaction time	0.160	interval		2.10	1.90	2.00	2.02		# of strides	
wind	-1.3 m/s	velocity	6.06	9.52	10.53	10.00	9.90	8.83	49.2	

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

date	17-Sep-20	time	3.3	5.4	7.3	9.4	11.42	11.42	9 / 8	<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.149	interval		2.10	1.90	2.10	2.02		# of strides	
wind	0.2 m/s	velocity	6.06	9.52	10.53	9.52	9.90	8.76	49.7	

FINAL - 2020 Bauhaus Galan (Stockholm, SWE)

date	23-Aug-20	time	3.3	5.3	7.3	9.3	11.28	11.28	8 / 2	<i>Omega Timing (2020) - diamond league race analysis</i>
reaction time	0.154	interval		2.00	2.00	2.00	1.98		# of strides	
wind	1.3 m/s	velocity	6.06	10.00	10.00	10.00	10.10	8.87	48.5	

van Vliet, Leonie (NED) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)															
date	13-Jul-21	time	3.4	5.5	7.5	9.6	11.66	11.62	2 / 5	<i>Omega Timing (2021) - diamond league race analysis</i>					
reaction time	0.215	interval		2.10	2.00	2.10	2.06		# of strides						
wind	1.5 m/s	velocity	5.88	9.52	10.00	9.52	9.71	8.61							

Vávrová, Katerína (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	2.16	3.40	4.58	5.74	6.90	8.07	9.23	10.40	11.58	12.76	12.76	5 / 4	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>		
reaction time	0.126	interval		1.24	1.18	1.16	1.16	1.17	1.16	1.17	1.18	1.18		# of strides	4.58	3.49	3.51
wind	-6.4 m/s	velocity	4.63	8.06	8.47	8.62	8.62	8.55	8.62	8.55	8.47	8.47	7.84		6.55	8.60	8.55

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

date	28-Jun-14	time	3.37	5.63	7.86	10.13	12.46	12.46	4 / 1	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>
reaction time	0.135	interval		2.26	2.23	2.27	2.33		# of strides	
wind	-1.7 m/s	velocity	5.93	8.85	8.97	8.81	8.58	8.03		

Vélová, Adéla (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)															
date	28-Jun-14	time	3.71	6.21	8.64	11.13	13.73	13.73	1 / 7	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
reaction time	0.173	interval		2.50	2.43	2.49	2.60		# of strides						
wind	-0.1 m/s	velocity	5.39	8.00	8.23	8.03	7.69	7.28							

Veveřková, Markéta (CZE) (1989)

	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)															
date	25-Feb-12	time	2.17	3.42	4.62	5.71	6.89	8.06			8.06	7 / 6			
reaction time	0.157	interval		1.25	1.20	1.09	1.18	1.17				# of strides	4.62	3.44	
wind		velocity	4.61	8.00	8.33	9.17	8.47	8.55			7.44		6.49	8.72	

Viken, Julie (NOR) (1997)

	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			8.04	10.33	12.54	12.54	5 / 4	<i>(2015) - www.windsprint/Splittider/</i>					
reaction time		interval				2.29	2.21		# of strides						
wind	0.1 m/s	velocity			7.46	8.73	9.05	7.97							

Vlková, Natálie (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	3.46	5.85	8.24	10.66	13.19	13.19	1 / 6	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
reaction time	0.136	interval		2.39	2.39	2.42	2.53		# of strides						
wind	-1.7 m/s	velocity	5.78	8.37	8.37	8.26	7.91	7.58							

Visockáitė, Agnė (LTU) (1978)

	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)															
date	07-Aug-02	time	3.18	4.23	5.25	7.26	9.31	11.44	11.44	/ 6	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
reaction time	0.115	interval		1.05	1.02	2.01	2.05	2.13		# of strides	4.23	3.03			

athlete	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
wind	0.3 m/s	velocity	6.29	9.52	9.80	9.95	9.76	9.39	8.74	7.09	9.90				
Visser, Nadine (NED) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)												<i>Omega Timing (2021) - diamond league race analysis</i>			
date	26-Aug-21	time	3.3	5.2	7.2	9.1	11.11	11.11	3 / 1						
reaction time	0.146	interval	1.90	2.00	1.90	2.01	2.01	# of strides							
wind	2.7 m/s	velocity	6.06	10.53	10.00	10.53	9.95	9.00							
Vitásková, Monika (CZE) (1985)	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	3.65	5.96	8.23	10.56	12.93	12.93	8 / 7						
reaction time	0.162	interval	2.31	2.27	2.33	2.37	2.37	# of strides							
wind	-1.3 m/s	velocity	5.48	8.66	8.81	8.58	8.44	7.73							
Vodičková, Pavla (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	3.62	5.97	8.24	10.55	12.93	12.93	6 / 4						
reaction time	0.340	interval	2.35	2.27	2.31	2.38	2.38	# of strides							
wind	-0.1 m/s	velocity	5.52	8.51	8.81	8.66	8.40	7.73							
Vögtle, Nadine (GER) (1994)	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	3.35	4.46	5.53	7.66	9.81	12.00	12.00	1 / 5					
reaction time		interval	1.11	1.07	2.13	2.15	2.19	# of strides	4.46	3.20					
wind	-0.3 m/s	velocity	5.97	9.01	9.35	9.39	9.30	9.13	8.33	6.73	9.38				
Semi-Final 1 - 2010 German National Youth Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-10	time	3.36	4.47	5.55	7.65	9.75	11.92	11.92	1 / 2					
reaction time		interval	1.11	1.08	2.10	2.10	2.17	# of strides	4.47	3.18					
wind	1.3 m/s	velocity	5.95	9.01	9.26	9.52	9.52	9.22	8.39	6.71	9.43				
Vollenweider, Rahel (SUI) (1989)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	27-Feb-16	time	4.65		7.93						7.93	1 / 7			
reaction time		interval			3.28							# of strides	4.65	3.28	
		velocity	6.45		9.15						7.57		6.45	9.15	
Vomáčkova, Monika (CZE) (1994)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>			
date	15-Jun-13	time	3.54	5.84	8.11	10.46	12.82	12.82	8 / 7						
reaction time	0.192	interval	2.30	2.27	2.35	2.36	2.36	# of strides							
wind	-0.6 m/s	velocity	5.65	8.70	8.81	8.51	8.47	7.80							
Von Gerber, Alva (SWE) (2000)	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)												<i>(2016) - www.windsprint/Splittider/</i>			
date	31-Jul-16	time	4.76		8.19						12.96	12.96	6 / 4		
reaction time		interval			3.43						4.77	# of strides	4.76	3.43	
wind	1.3 m/s	velocity	6.30		8.75						8.39	7.72	6.30	8.75	
Heat 2 - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>			
date	31-Jul-16	time	4.75		8.18						12.96	12.96	2 / 6		
reaction time		interval			3.43						4.78	# of strides	4.75	3.43	
wind	1.8 m/s	velocity	6.32		8.75						8.37	7.72	6.32	8.75	
Voronova, Natalya (RUS) (1965)	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	2.08	4.28		7.23	9.20	11.18	11.18	1 / 1					
reaction time		interval	2.20	2.95	1.97	1.98	1.98	# of strides	4.28	2.95					
wind	0.6 m/s	velocity	4.81	4.67	10.17	10.15	10.10	8.94					7.01	10.17	
Pomoshnikova-Voronova, Natalya (URS) (1965)	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	25-Sep-88	time	2.04	3.17	4.18	5.16	6.14	7.10	8.07	9.04	10.01	11.00	11.00	2 / 6	
reaction time	0.141	interval	1.13	1.01	0.98	0.98	0.96	0.97	0.97	0.97	0.97	0.99	# of strides	4.18	2.92
wind	3.0 m/s	velocity	4.90	8.85	9.90	10.20	10.20	10.42	10.31	10.31	10.31	10.10	9.09	49.2	7.18
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	25-Sep-88	time	2.03	3.14	4.18	5.18	6.14	7.11	8.08	9.05	10.03	11.03	11.03	4 / 3	
reaction time	0.263	interval	1.11	1.04	1.00	0.96	0.97	0.97	0.97	0.98	1.00	1.00	# of strides	4.18	2.93
wind	2.6 m/s	velocity	4.93	9.01	9.62	10.00	10.42	10.31	10.31	10.31	10.20	10.00	9.07	7.18	10.24
Votinská, Barbora (CZE) (1996)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

date	28-Jun-14	time	3.62	6.03	8.40	10.81	13.32	13.32	7 / 5
reaction time	0.173	interval		2.41	2.37	2.41	2.51		# of strides
wind	-3.2 m/s	velocity	5.52	8.30	8.44	8.30	7.97	7.51	

*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships***Wada, Maki (JPN) (1986)****FINAL - 2020 World Athletics Trials (Fuji, JPN)**

date	06-Sep-20	time	2.07	3.28	4.38	5.44	6.48	7.53	8.58	9.66	10.76	11.89	11.89						
reaction time		interval		1.21	1.10	1.06	1.04	1.05	1.05	1.08	1.10	1.13		# of strides	4.38	3.15	3.23		
wind	1.4 m/s	velocity	4.83	8.26	9.09	9.43	9.62	9.52	9.52	9.26	9.09	8.85	8.41		6.85	9.52	9.29		

*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions***FINAL - 2019 National Sports Festival (Hitachinaka, JPN)**

date	05-Oct-19	time		4.39		6.53						11.96	11.96		9 / 8				
reaction time	0.159	interval				2.14						5.43		# of strides	4.39				
wind	1.1 m/s	velocity		6.83		3.06						9.21	8.36		53.5		6.83		

*Enomoto (2019) - research on athlete performance and technique- 2019 data book***FINAL - 2019 Fuse Sprint (Tottori, JPN)**

date	02-Jun-19	time	1.99	3.17	4.24	5.28	6.31	7.34	8.38	9.44	10.52	11.63	11.63		4 / 2				
reaction time	0.132	interval		1.18	1.07	1.04	1.03	1.03	1.04	1.06	1.08	1.11		# of strides	4.24	3.10	3.18		
wind	-2.2 m/s	velocity	5.03	8.47	9.35	9.62	9.71	9.71	9.62	9.43	9.26	9.01	8.60		53.4	7.08	9.68	9.43	

*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan***FINAL - 2018 National Sports Festival (Fukui, JPN)**

date	06-Oct-18	time	2.08	3.34	4.51	5.63	6.75	7.86	8.98	10.11	11.26	12.43	12.43		6 / 7				
reaction time	0.156	interval		1.26	1.17	1.12	1.12	1.11	1.12	1.13	1.15	1.17		# of strides	4.51	3.35	3.40		
wind	-2.8 m/s	velocity	4.81	7.94	8.55	8.93	8.93	9.01	8.93	8.85	8.70	8.55	8.05		55.1	6.65	8.96	8.82	

*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan***FINAL - 2018 Japanese Corporate Championships (Osaka, JPN)**

date	23-Sep-18	time	2.01	3.21	4.31	5.38	6.43	7.49	8.56	9.65	10.76	11.90	11.90		7 / 5				
reaction time	0.138	interval		1.20	1.10	1.07	1.05	1.06	1.07	1.09	1.11	1.14		# of strides	4.31	3.18	3.27		
wind	-0.1 m/s	velocity	4.98	8.33	9.09	9.35	9.52	9.43	9.35	9.17	9.01	8.77	8.40		53.6	6.96	9.43	9.17	

*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan***Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN)**

date	29-Apr-17	time	2.02	3.20	4.29	5.35	6.39	7.43	8.48	9.54	10.61	11.71	11.71		1 / 3				
reaction time		interval		1.18	1.09	1.06	1.04	1.04	1.05	1.06	1.07	1.10		# of strides	4.29	3.14	3.18		
wind	2.4 m/s	velocity	4.95	8.47	9.17	9.43	9.62	9.62	9.52	9.43	9.35	9.09	8.54		53.1	6.99	9.55	9.43	

*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season***FINAL - 2016 Fuse Sprint (Tottori, JPN)**

date	05-Jun-16	time	2.05	3.21	4.28	5.34	6.38	7.43	8.48	9.56	10.65	11.77	11.77		1 / 3				
reaction time		interval		1.16	1.07	1.06	1.04	1.05	1.05	1.08	1.09	1.12		# of strides	4.28	3.15	3.22		
wind	0.7 m/s	velocity	4.88	8.62	9.35	9.43	9.62	9.52	9.52	9.26	9.17	8.93	8.50		55.8	7.01	9.52	9.32	

*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters***Heat 3 - 2012 Japanese National Championships (Osaka, JPN)**

date	08-Jun-12	time	2.02	3.20	4.28	5.33	6.36	7.40	8.45	9.51	10.60	11.72	11.72		7 / 3				
reaction time		interval		1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.12		# of strides	4.28	3.12	3.20		
wind	2.2 m/s	velocity	4.95	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.17	8.93	8.53		53.7	7.01	9.62	9.38	

*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013***Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)**

date	28-Jun-09	time	2.04	3.20	4.28	5.32	6.36	7.40	8.44	9.50	10.58	11.68	11.68		4 / 2				
reaction time		interval		1.16	1.08	1.04	1.04	1.04	1.04	1.06	1.08	1.10		# of strides	4.28	3.12	3.18		
wind	1.0 m/s	velocity	4.90	8.62	9.26	9.62	9.62	9.62	9.62	9.43	9.26	9.09	8.56		51.0	7.01	9.62	9.43	

*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season***Wagner, Marion (GER) (1978)****FINAL - 2010 Sparkassen-Gala (Regensburg, GER)**

date	05-Jun-10	time		3.33	4.38	5.39		7.41		9.45		11.56	11.56		1 / 4				
reaction time		interval			1.05	1.01		2.02		2.04		2.11		# of strides	4.38	3.03			
wind	-0.4 m/s	velocity		6.01	9.52	9.90		9.90		9.80		9.48	8.65		6.85	9.90			

*Graubner (2010) - <http://www.fgs.uni-halle.de>***Heat 2 - 2010 Sparkassen-Gala (Regensburg, GER)**

date	05-Jun-10	time		3.30	4.36	5.39		7.44		9.52		11.66	11.66		1 / 1				
reaction time		interval			1.06	1.03		2.05		2.08		2.14		# of strides	4.36	3.08			
wind	-1.4 m/s	velocity		6.06	9.43	9.71		9.76		9.62		9.35	8.58		6.88	9.74			

*Graubner (2010) - <http://www.fgs.uni-halle.de>***Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)**

date	16-Aug-09	time		3.30	4.36	5.38		7.42		9.46		11.64	11.64		7 / 8				
reaction time	0.155	interval			1.06	1.02		2.04		2.04		2.18		# of strides	4.36	3.06			
wind	-0.4 m/s	velocity		6.06	9.43	9.80		9.80		9.80		9.17	8.59		6.88	9.80			

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

date	16-Aug-09	time		3.24	4.29	5.31		7.34		9.36		11.49	11.49		5 / 3				
reaction time	0.118	interval			1.05	1.02		2.03		2.02		2.13		# of strides	4.29	3.05			
wind	0.1 m/s	velocity		6.17	9.52	9.80		9.85		9.90		9.39	8.70		6.99	9.84			

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

B FINAL - 2009 ISTAF (Berlin, GER)

date	14-Jun-09	time	3.28	4.34	5.36	7.38	9.47	11.61	11.61	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
reaction time	0.177	interval		1.06	1.02	2.02	2.09	2.14		/ 5			
wind	0.1 m/s	velocity	6.10	9.43	9.80	9.90	9.57	9.35	8.61	# of strides 4.34 3.04			
										6.91 9.87			

Heat 1 - 2002 European Championships (Munich, GER)

date	06-Aug-02	time	3.25	4.30	5.31	7.32	9.37	11.53	11.53	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
reaction time	0.150	interval		1.05	1.01	2.01	2.05	2.16		/ 5			
wind	0.1 m/s	velocity	6.15	9.52	9.90	9.95	9.76	9.26	8.67	# of strides 4.30 3.02			
										6.98 9.93			

B FINAL - 2001 European Cup (Bremen, GER)

date	23-Jun-01	time	3.31	4.37	5.40	7.40	9.39	11.43	11.43	<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
reaction time	0.234	interval		1.06	1.03	2.00	1.99	2.04		/ 1			
wind	1.8 m/s	velocity	6.04	9.43	9.71	10.00	10.05	9.80	8.75	# of strides 4.37 3.03			
										6.86 9.90			

B FINAL - 2000 ISTAF (Berlin, GER)

date	01-Sep-00	time	3.26	4.33	5.36	7.37		11.53	11.53	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
reaction time	0.183	interval		1.07	1.03	2.01		4.16		/ 2			
wind	0.1 m/s	velocity	6.13	9.35	9.71	9.95		9.62	8.67	# of strides 4.33 3.04			
										6.93 9.87			

Waller, Hannah (USA) (2001)

U20 FINAL - 2020 Millrose Games (New York, NY)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	08-Feb-20	time	2.23	3.38	4.46	5.53	6.59	7.63			7.63	7 / 5			
reaction time		interval		1.15	1.08	1.07	1.06	1.04				# of strides	4.46	3.17	
		velocity	4.48	8.70	9.26	9.35	9.43	9.62			7.86		6.73	9.46	

Wandick, Brushay (USA)

B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	29-Apr-08	time	2.12	3.30	4.38	5.43	6.47	7.50	8.54	9.60	10.68	11.78	11.78	/ 2	
reaction time		interval		1.18	1.08	1.05	1.04	1.03	1.04	1.06	1.08	1.10	PB	# of strides	4.38 3.12 3.18
wind	1.5 m/s	velocity	4.72	8.47	9.26	9.52	9.62	9.71	9.62	9.43	9.26	9.09	8.49		6.85 9.62 9.43

Watanabe, Azusa (JPN) (1986)

Heat 1 - 2008 Mikio Oda Memorial (Hiroshima, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	29-Apr-08	time	2.00	3.18	4.27	5.33	6.38	7.43	8.50	9.58	10.68	11.79	11.79	/ 4	
reaction time		interval		1.18	1.09	1.06	1.05	1.05	1.07	1.08	1.10	1.11	PB	# of strides	4.27 3.16 3.25
wind	1.3 m/s	velocity	5.00	8.47	9.17	9.43	9.52	9.52	9.35	9.26	9.09	9.01	8.48		7.03 9.49 9.23

Watanabe, Hikaru (JPN) (1996)

Semi-Final 2 - 2017 National Sports Festival (Matsuyama, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	07-Oct-17	time	2.10	3.29	4.35	5.40	6.44	7.48	8.53	9.60	10.70	11.81	11.81	/ 4	
reaction time	0.152	interval		1.19	1.06	1.05	1.04	1.04	1.05	1.07	1.10	1.11		# of strides	4.35 3.13 3.22
wind	0.5 m/s	velocity	4.76	8.40	9.43	9.52	9.62	9.62	9.52	9.35	9.09	9.01	8.47		50.9 6.90 9.58 9.32

Watanabe, Mayumi (JPN) (1983)

Heat 2 - 2015 Japanese National Championships (Niigata, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	27-Jun-15	time	2.09	3.25	4.32	5.36	6.40	7.46	8.52	9.61	10.72	11.86	11.86	5 / 2	
reaction time	0.215	interval		1.16	1.07	1.04	1.04	1.06	1.06	1.09	1.11	1.14		# of strides	4.32 3.14 3.26
wind	0.0 m/s	velocity	4.78	8.62	9.35	9.62	9.62	9.43	9.43	9.17	9.01	8.77	8.43		53.7 6.94 9.55 9.20

FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)

date	19-Apr-15	time	2.08	3.25	4.33	5.37	6.39	7.43	8.48	9.54	10.63	11.74	11.74	3 / 2	
reaction time		interval		1.17	1.08	1.04	1.02	1.04	1.05	1.06	1.09	1.11		# of strides	4.33 3.10 3.20
wind	-0.2 m/s	velocity	4.81	8.55	9.26	9.62	9.80	9.62	9.52	9.43	9.17	9.01	8.52		53.5 6.93 9.68 9.38

Heat 1 - 2015 Mikio Oda Memorial (Hiroshima, JPN)

date	19-Apr-15	time	2.03	3.19	4.26	5.29	6.33	7.36	8.42	9.50	10.60	11.73	11.73	6 / 2	
reaction time		interval		1.16	1.07	1.03	1.04	1.03	1.06	1.08	1.10	1.13		# of strides	4.26 3.10 3.24
wind	0.8 m/s	velocity	4.93	8.62	9.35	9.71	9.62	9.71	9.43	9.26	9.09	8.85	8.53		53.0 7.04 9.68 9.26

FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)

date	11-May-14	time	2.06	3.21	4.27	5.30	6.32	7.37	8.42	9.50	10.60	11.73	11.73	8 / 7	
reaction time		interval		1.15	1.06	1.03	1.02	1.05	1.05	1.08	1.10	1.13		# of strides	4.27 3.10 3.23
wind	-0.8 m/s	velocity	4.85	8.70	9.43	9.71	9.80	9.52	9.52	9.26	9.09	8.85	8.53		51.5 7.03 9.68 9.29

Heat 3 - 2014 Miko Oda Memorial (Hiroshima, JPN)

date	29-Apr-14	time	2.11	3.25	4.30	5.31	6.31	7.33	8.36	9.41	10.50	11.62	11.62	4 / 2	
reaction time		interval		1.14	1.05	1.01	1.00	1.02	1.03	1.05	1.09	1.12		# of strides	4.30 3.03 3.17
wind	3.4 m/s	velocity	4.74	8.77	9.52	9.90	10.00	9.80	9.71	9.52	9.17	8.93	8.61		51.9 6.98 9.90 9.46

Heat 3 - 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	2.08	3.23	4.28	5.29	6.30	7.31	8.33	9.36	10.43	11.51	11.51	3 / 2
reaction time		interval		1.15	1.05	1.01	1.01	1.01	1.02	1.03	1.07	1.08		# of strides 4.28 3.03 3.12
wind	1.6 m/s	velocity	4.81	8.70	9.52	9.90	9.90	9.90	9.80	9.71	9.35	9.26	8.69	52.5 7.01 9.90 9.62

B FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

date	29-Apr-11	time	2.05	3.19	4.25	5.27	6.28	7.29	8.32	9.38	10.47	11.59	11.59	4 / 1
reaction time		interval		1.14	1.06	1.02	1.01	1.01	1.03	1.06	1.09	1.12		# of strides 4.25 3.04 3.18
wind	2.0 m/s	velocity	4.88	8.77	9.43	9.80	9.90	9.90	9.71	9.43	9.17	8.93	8.63	53.3 7.06 9.87 9.43

FINAL - 2010 Japanese National Championships (Marugame, JPN)*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

date	05-Jun-10	time	2.05	3.21	4.28	5.32	6.35	7.37	8.41	9.46	10.55	11.66	11.66	/ 3
reaction time	0.148	interval		1.16	1.07	1.04	1.03	1.02	1.04	1.05	1.09	1.11		# of strides 4.28 3.09 3.18
wind	0.9 m/s	velocity	4.88	8.62	9.35	9.62	9.71	9.80	9.62	9.52	9.17	9.01	8.58	54.1 7.01 9.71 9.43

Heat 2 - 2009 Mikio Oda Memorial (Hiroshima, JPN)*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	29-Apr-09	time	2.07	3.21	4.26	5.26	6.25	7.23	8.23	9.25	10.27	11.31	11.31	5 / 1
reaction time		interval		1.14	1.05	1.00	0.99	0.98	1.00	1.02	1.02	1.04		# of strides 4.26 2.97 3.04
wind	2.8 m/s	velocity	4.83	8.77	9.52	10.00	10.10	10.20	10.00	9.80	9.80	9.62	8.84	50.0 7.04 10.10 9.87

FINAL - 2008 Japanese National Championships (Kawasaki, JPN)*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

date	29-Jun-08	time	2.09	3.25	4.33	5.38	6.42	7.46	8.51	9.58	10.67	11.78	11.78	/ 3
reaction time		interval		1.16	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.11		# of strides 4.33 3.13 3.21
wind	0.4 m/s	velocity	4.78	8.62	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.49	6.93 9.58 9.35

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	2.08	3.26	4.36	5.40	6.43	7.46	8.50	9.57	10.65	11.75	11.75	5 / 4
reaction time		interval		1.18	1.10	1.04	1.03	1.03	1.04	1.07	1.08	1.10		# of strides 4.36 3.10 3.19
wind	1.2 m/s	velocity	4.81	8.47	9.09	9.62	9.71	9.71	9.62	9.35	9.26	9.09	8.51	6.88 9.68 9.40

FINAL - 2007 Japanese National Championships (Osaka, JPN)*Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

date	30-Jun-07	time	2.03	3.20	4.26	5.31	6.35	7.40	8.47	9.57	10.69	11.86	11.86	/ 5
reaction time		interval		1.17	1.06	1.05	1.04	1.05	1.07	1.10	1.12	1.17		# of strides 4.26 3.14 3.29
wind	0.0 m/s	velocity	4.93	8.55	9.43	9.52	9.62	9.52	9.35	9.09	8.93	8.55	8.43	7.04 9.55 9.12

Watanabe, Misato (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	2.15	3.34	4.44	5.50	6.55	7.60	8.66	9.73	10.82	11.93	11.93	/ 4
reaction time		interval		1.19	1.10	1.06	1.05	1.05	1.06	1.07	1.09	1.11		# of strides 4.44 3.16 3.22
wind	0.4 m/s	velocity	9.30	8.40	9.09	9.43	9.52	9.52	9.43	9.35	9.17	9.01	8.38	6.76 9.49 9.32

Watanabe, Tae (JPN) (1991)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2007 Japanese National High School Championships (Saga, JPN)***Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

date	03-Aug-07	time	3.28	4.38	5.44	6.50	7.56	8.63	9.70	10.78	11.91	11.91	2 / 3
reaction time		interval		1.10	1.06	1.06	1.06	1.07	1.07	1.08	1.13		# of strides 4.38 3.18 3.22
wind	1.3 m/s	velocity	6.10	9.09	9.43	9.43	9.43	9.35	9.35	9.26	8.85	8.40	6.85 9.43 9.32

Weatherspoon, Alexis (USA) (1983)**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	28-Jun-08	time	2.04	3.15	4.17	5.18	6.14	7.13	8.11	9.10	10.18	11.24	11.24	1 / 7
reaction time		interval		1.11	1.02	1.01	0.96	0.99	0.98	0.99	1.08	1.06		# of strides 4.17 2.96 3.05
wind	3.2 m/s	velocity	4.90	9.01	9.80	9.90	10.42	10.10	10.20	10.10	9.26	9.43	8.90	47.2 7.19 10.14 9.84

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

date	27-Jun-08	time	2.06	3.17	4.16	5.15	6.12	7.12	8.08	9.04	10.07	11.08	11.08	2 / 5
reaction time		interval		1.11	0.99	0.99	0.97	1.00	0.96	0.96	1.03	1.01	PB	# of strides 4.16 2.96 2.95
wind	0.7 m/s	velocity	4.85	9.01	10.10	10.10	10.31	10.00	10.42	10.42	9.71	9.90	9.03	7.21 10.14 10.17

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

date	27-Jun-08	time	2.07	3.20	4.24	5.26	6.22	7.22	8.19	9.24	10.24	11.30	11.30	7 / 3
reaction time		interval		1.13	1.04	1.02	0.96	1.00	0.97	1.05	1.00	1.06		# of strides 4.24 2.98 3.02
wind	1.1 m/s	velocity	4.83	8.85	9.62	9.80	10.42	10.00	10.31	9.52	10.00	9.43	8.85	7.08 10.07 9.93

Semi-Final 2 - 2005 USATF National Championships (Carson, CA)*USATF Women's Sprint Development (2005)*

date	25-Jun-05	time	2.04	3.17	4.23	5.22	6.24	7.26	8.24	9.29	10.29	11.37	11.37	8 / 6
reaction time		interval		1.13	1.06	0.99	1.02	1.02	0.98	1.05	1.00	1.08		# of strides 4.23 3.03 3.03
wind	2.1 m/s	velocity	4.90	8.85	9.43	10.10	9.80	9.80	10.20	9.52	10.00	9.26	8.80	7.09 9.90 9.90

Heat 1 - 2005 USATF National Championships (Carson, CA)*USATF Women's Sprint Development (2005)*

date	24-Jun-05	time	2.05	3.20	4.27	5.34	6.36	7.40	8.41	9.49	10.56	11.64	11.64	6 / 5
reaction time		interval		1.15	1.07	1.07	1.02	1.04	1.01	1.08	1.07	1.08		# of strides 4.27 3.13 3.16

wind -2.0 m/s velocity 4.88 8.70 9.35 9.35 9.80 9.62 9.90 9.26 9.35 9.26 8.59 7.03 9.58 9.49

Wedderburn-Goodison, Nia (GBR) (2) **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 2.06 3.22 4.28 5.29 6.27 7.26 8.25 9.26 10.28 11.33 11.33 5 / 4
 reaction time 0.176 interval 1.16 1.06 1.01 0.98 0.99 0.99 1.01 1.02 1.05 # of strides 4.28 2.98 3.02
 wind 1.1 m/s velocity 4.85 8.62 9.43 9.90 10.20 10.10 10.10 9.90 9.80 9.52 8.83 7.01 10.07 9.93

Wei Yongli (CHN) (1991) **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 women's sprint finals in the world championships trials*
 date 02-Aug-19 time 2.08 3.19 4.24 5.25 6.24 7.23 8.24 9.26 10.31 11.38 11.38 5 / 2
 reaction time interval 1.11 1.05 1.01 0.99 0.99 1.01 1.02 1.05 1.07 # of strides 4.24 2.99 3.08
 wind -1.2 m/s velocity 4.81 9.01 9.52 9.90 10.10 10.10 9.90 9.80 9.52 9.35 8.79 7.08 10.03 9.74

FINAL - 2018 Asian Games (Jakarta, INA) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*
 date 26-Aug-18 time 2.02 3.16 4.20 5.20 6.20 7.19 8.19 9.21 10.26 11.33 11.33 5 / 3
 reaction time 0.159 interval 1.14 1.04 1.00 1.00 0.99 1.00 1.02 1.05 1.07 # of strides 4.20 2.99 3.07
 wind 0.3 m/s velocity 4.95 8.77 9.62 10.00 10.00 10.10 10.00 9.80 9.52 9.35 8.83 49.3 7.14 10.03 9.77

Heat 3 - 2017 National Grand Prix Final (Guiyang, CHN) (Altitude) *Jiang (2017) CAA sport science report*
 date 25-Jun-17 time 1.91 3.04 4.09 5.10 6.09 7.08 8.08 9.06 10.07 11.12 11.32 / 1
 reaction time interval 1.13 1.05 1.01 0.99 0.99 1.00 0.98 1.01 1.05 # of strides 4.09 2.99 2.99
 wind 0.5 m/s velocity 5.24 8.85 9.52 9.90 10.10 10.10 10.00 10.20 9.90 9.52 8.83 49.0 7.33 10.03 10.03

Weiss, Lena (SUI) (1994) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
National B FINAL - 2023 Weltklasse (Zürich, SUI) *Omega Timing (2023) - diamond league race analysis*
 date 31-Aug-23 time 2.08 3.27 4.36 5.41 6.46 7.51 8.57 9.66 10.77 11.93 11.93 6 / 6
 reaction time 0.145 interval 1.19 1.09 1.05 1.05 1.05 1.06 1.09 1.11 1.16 # of strides 4.36 3.15 3.26
 wind -0.2 m/s velocity 4.81 8.40 9.17 9.52 9.52 9.52 9.43 9.17 9.01 8.62 8.38 6.88 9.52 9.20

B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI) *Omega Timing (2022) - diamond league race analysis*
 date 26-Aug-22 time 3.2 5.3 7.4 9.5 11.74 11.74 4 / 3
 reaction time interval 2.10 2.10 2.10 2.24 # of strides
 wind 0.8 m/s velocity 6.25 9.52 9.52 9.52 8.93 8.52

FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI) *Swiss Athletics (2016) - sprint and hurdle analysis*
 date 21-May-16 time 6.56 12.17 12.17 / 3
 reaction time interval 5.61 # of strides
 wind -1.8 m/s velocity 7.62 8.91 8.22

Whipple, Erica (USA) (1982) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
Semi-Final 1 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*
 date 25-Jun-05 time 2.12 3.27 4.34 5.34 6.32 7.31 8.31 9.33 10.36 11.39 11.39 9 / 7
 reaction time interval 1.15 1.07 1.00 0.98 0.99 1.00 1.02 1.03 1.03 # of strides 4.34 2.97 3.05
 wind 3.0 m/s velocity 4.72 8.70 9.35 10.00 10.20 10.10 10.00 9.80 9.71 9.71 8.78 6.91 10.10 9.84

Heat 1 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*
 date 24-Jun-05 time 2.17 3.32 4.40 5.44 6.43 7.45 8.46 9.51 10.54 11.61 11.61 4 / 4
 reaction time interval 1.15 1.08 1.04 0.99 1.02 1.01 1.05 1.03 1.07 # of strides 4.40 3.05 3.09
 wind -2.0 m/s velocity 4.61 8.70 9.26 9.62 10.10 9.80 9.90 9.52 9.71 9.35 8.61 6.82 9.84 9.71

White, Kayla (USA) (1996) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 2022 FBK Games (Hengelo, NED) *Omega Timing (2022) - continental tour race analysis*
 date 06-Jun-22 time 3.1 5.1 7.1 9.2 11.31 11.31 7 / 4
 reaction time interval 2.00 2.00 2.10 2.11 # of strides
 wind 0.8 m/s velocity 6.45 10.00 10.00 9.52 9.48 8.84 49.0

National FINAL - 2021 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2021) - diamond league race analysis*
 date 04-Jul-21 time 3.2 5.2 7.2 9.2 11.23 11.23 4 / 1
 reaction time interval 2.00 2.00 2.00 2.03 # of strides
 wind -1.3 m/s velocity 6.25 10.00 10.00 10.00 9.85 8.90 48.0

FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA) *Omega Timing (2020) - diamond league race analysis*
 date 17-Sep-20 time 3.2 5.2 7.2 9.3 11.27 11.27 3 / 6
 reaction time interval 2.00 2.00 2.10 1.97 # of strides
 wind 0.2 m/s velocity 6.25 10.00 10.00 9.52 10.15 8.87 48.5

White, Kelli (USA) (1977) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 2003 USATF National Championships (Palo Alto, CA) *USATF Women's Sprint Development (2003)*
 date 20-Jun-03 time 2.04 3.12 4.15 5.09 6.09 7.03 7.98 8.93 9.93 10.93 10.93 5 / 4
 reaction time interval 1.08 1.03 0.94 1.00 0.94 0.95 0.95 1.00 1.00 DV # of strides 4.15 2.88 2.90

wind	-1.1 m/s	velocity	4.90	9.26	9.71	10.64	10.00	10.64	10.53	10.53	10.00	10.00	9.15	7.23	10.42	10.34
FINAL - 2001 ISTAF (Berlin, GER)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	31-Aug-01	time	3.19	4.22	5.21		7.19		9.19		11.25	11.25		11.25	11.25	11.25
reaction time	0.153	interval		1.03	0.99		1.98		2.00		2.06	2.06		DV	# of strides	4.22 2.97
wind	0.5 m/s	velocity	6.27	9.71	10.10		10.10		10.00		9.71	8.89			7.11	10.10

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)													<i>Winckler (2008) - running parameters</i>			
date	06-Mar-99	time	4.28				7.42						7.42	2 / 5		
reaction time		interval					3.14							# of strides	4.28 3.14	
		velocity	7.01				9.55						8.09	31	7.01	9.55

FINAL - 1996 USATF National Junior Championships (Delaware, OH)													<i>USATF Women's Sprint Development (1996)</i>			
date	28-Jun-96	time	2.08	4.41	6.35	7.40			10.56	11.77	11.77		11.77	2 / 7		
reaction time		interval		2.33	1.94	1.05			3.16	1.21				# of strides	4.41 2.99 3.16	
wind	0.5 m/s	velocity	4.81	8.58	10.31	9.52			9.49	8.26	8.50				6.80	10.03 9.49

White, Lakeesha (USA) (1980)																
FINAL - 1996 USATF National Junior Championships (Delaware, OH)													<i>USATF Women's Sprint Development (1996)</i>			
date	28-Jun-96	time	2.17	4.39	6.29	7.27			10.36	11.56	11.56		11.56	5 / 2		
reaction time		interval		2.22	1.90	0.98			3.09	1.20				# of strides	4.39 2.88 3.09	
wind	0.5 m/s	velocity	4.61	9.01	10.53	10.20			9.71	8.33	8.65				6.83	10.42 9.71

Whittaker, Ashleigh (AUS) (1993)																
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	2.10	3.25	4.33	5.36	6.37	7.40	8.44	9.48	10.54	11.62	11.62	1 / 4		
reaction time		interval		1.15	1.08	1.03	1.01	1.03	1.04	1.04	1.06	1.08		# of strides	4.33 3.07 3.14	
wind	-0.8 m/s	velocity	4.76	8.70	9.26	9.71	9.90	9.71	9.62	9.62	9.43	9.26	8.61		49.0	6.93 9.77 9.55

Whyte, Natalliah (JAM) (1997)																
FINAL - 2022 Commonwealth Games (Birmingham, GBR)													<i>Longines Timing (2022) - commonwealth games race analysis</i>			
date	03-Aug-22	time	3.1		5.2		7.2		9.2		11.32	11.32	11.32	1 / 8		
reaction time	0.154	interval			2.10		2.00		2.00		2.12	2.12		# of strides		
wind	0.4 m/s	velocity	6.45		9.52		10.00		10.00		9.43	8.83			49.2	

FINAL - 2019 Meeting de Paris (Paris, FRA)													<i>Omega Timing (2019) - diamond league race analysis</i>			
date	24-Aug-19	time				6.2					11.25	11.25	11.25	8 / 8		
reaction time	0.137	interval									5.05	5.05		# of strides		
wind	-0.2 m/s	velocity				8.06					9.90	8.89			48.5	

Williams, Angela (USA) (1980)																
FINAL - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	28-Jun-08	time	2.03	3.10	4.12	5.11	6.05	7.00	7.97	8.97	9.94	11.02	11.02	1 / 6		
reaction time		interval		1.07	1.02	0.99	0.94	0.95	0.97	1.00	0.97	1.08	PB	# of strides	4.12 2.88 2.94	
wind	1.0 m/s	velocity	4.93	9.35	9.80	10.10	10.64	10.53	10.31	10.00	10.31	9.26	9.07		49.2	7.28 10.42 10.20

Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	28-Jun-08	time	2.00	3.10	4.11	5.11	6.02	6.99	7.91	8.89	9.89	10.92	10.92	2 / 4		
reaction time		interval		1.10	1.01	1.00	0.91	0.97	0.92	0.98	1.00	1.03		# of strides	4.11 2.88 2.90	
wind	3.2 m/s	velocity	5.00	9.09	9.90	10.00	10.99	10.31	10.87	10.20	10.00	9.71	9.16		49.0	7.30 10.42 10.34

Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	27-Jun-08	time	2.07	3.18	4.18	5.14	6.14	7.06	8.04	9.08	10.02	11.06	11.06	6 / 3		
reaction time		interval		1.11	1.00	0.96	1.00	0.92	0.98	1.04	0.94	1.04		# of strides	4.18 2.88 2.96	
wind	0.7 m/s	velocity	4.83	9.01	10.00	10.42	10.00	10.87	10.20	9.62	10.64	9.62	9.04		7.18	10.42 10.14

Heat 3 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	27-Jun-08	time	2.02	3.17	4.19	5.14	6.14	7.13	8.12	9.14	10.19	11.26	11.26	8 / 2		
reaction time		interval		1.15	1.02	0.95	1.00	0.99	0.99	1.02	1.05	1.07		# of strides	4.19 2.94 3.06	
wind	1.1 m/s	velocity	4.95	8.70	9.80	10.53	10.00	10.10	10.10	9.80	9.52	9.35	8.88		7.16	10.20 9.80

FINAL - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.03	3.17	4.24	5.29	6.29	7.34	8.36	9.44	10.53	11.66	11.66	3 / 9		
reaction time		interval		1.14	1.07	1.05	1.00	1.05	1.02	1.08	1.09	1.13		# of strides	4.24 3.10 3.19	
wind	-1.6 m/s	velocity	4.93	8.77	9.35	9.52	10.00	9.52	9.80	9.26	9.17	8.85	8.58		52.0	7.08 9.68 9.40

Semi-Final 1 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.02	3.14	4.15	5.14	6.14	7.13	8.11	9.15	10.17	11.25	11.25	3 / 4		
reaction time		interval		1.12	1.01	0.99	1.00	0.99	0.98	1.04	1.02	1.08		# of strides	4.15 2.98 3.04	
wind	3.0 m/s	velocity	4.95	8.93	9.90	10.10	10.00	10.10	10.20	9.62	9.80	9.26	8.89		7.23	10.07 9.87

Heat 1 - 2005 USATF National Championships (Carson, CA)

USATF Women's Sprint Development (2005)

date	24-Jun-05	time	2.04	3.18	4.24	5.28	6.31	7.36	8.37	9.44	10.54	11.64	11.64	7 / 6			
reaction time		interval		1.14	1.06	1.04	1.03	1.05	1.01	1.07	1.10	1.10		# of strides	4.24	3.12	3.18
wind	-2.0 m/s	velocity	4.90	8.77	9.43	9.62	9.71	9.52	9.90	9.35	9.09	9.09	8.59		7.08	9.62	9.43

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.03	3.12	4.15	5.16	6.13	7.14	8.10	9.13	10.17	11.22	11.22	2 / 7 5			
reaction time	0.137	interval		1.09	1.03	1.01	0.97	1.01	0.96	1.03	1.04	1.05		# of strides	4.15	2.99	3.03
wind	0.1 m/s	velocity	4.93	9.17	9.71	9.90	10.31	9.90	10.42	9.71	9.62	9.52	8.91	51.0	7.23	10.03	9.90

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	10-Jul-04	time	2.04	3.14	4.17	5.16	6.11	7.12	8.08	9.09	10.11	11.16	11.16	1 / 3 2			
reaction time		interval		1.10	1.03	0.99	0.95	1.01	0.96	1.01	1.02	1.05		# of strides	4.17	2.95	2.99
wind	-0.1 m/s	velocity	4.90	9.09	9.71	10.10	10.53	9.90	10.42	9.90	9.80	9.52	8.96	51.0	7.19	10.17	10.03

Quarter-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	09-Jul-04	time	2.09	3.21	4.23	5.22	6.19	7.20	8.22	9.23	10.34	11.47	11.47	4 / 3 2			
reaction time		interval		1.12	1.02	0.99	0.97	1.01	1.02	1.01	1.11	1.13		# of strides	4.23	2.97	3.14
wind	-1.6 m/s	velocity	4.78	8.93	9.80	10.10	10.31	9.90	9.80	9.90	9.01	8.85	8.72	51.2	7.09	10.10	9.55

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

USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.04	3.14	4.19	5.17	6.16	7.14	8.14	9.14	10.21	11.23	11.23	3 / 6 4			
reaction time		interval		1.10	1.05	0.98	0.99	0.98	1.00	1.00	1.07	1.02		# of strides	4.19	2.95	3.07
wind	-1.1 m/s	velocity	4.90	9.09	9.52	10.20	10.10	10.20	10.00	10.00	9.35	9.80	8.90		7.16	10.17	9.77

Williams, Bianca (GBR) (1993)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)**

Omega Timing (2024) - diamond league race analysis

date	22-Aug-24	time	2.03	3.18	4.26	5.30	6.32	7.33	8.34	9.36	10.38	11.45	11.45	1 / 6			
reaction time	0.164	interval		1.15	1.08	1.04	1.02	1.01	1.01	1.02	1.02	1.07		# of strides	4.26	3.07	3.05
wind	-0.1 m/s	velocity	4.93	8.70	9.26	9.62	9.80	9.90	9.90	9.80	9.80	9.35	8.73		7.04	9.77	9.84

National FINAL - 2024 London Athletics Meet (London, GBR)

Omega Timing (2024) - diamond league race analysis

date	20-Jul-24	time	2.05	3.20	4.25	5.25	6.25	7.24	8.23	9.23	10.25	11.29	11.29	6 / 3			
reaction time	0.166	interval		1.15	1.05	1.00	1.00	0.99	0.99	1.00	1.02	1.04		# of strides	4.25	2.99	3.01
wind	1.1 m/s	velocity	4.88	8.70	9.52	10.00	10.00	10.10	10.10	10.00	9.80	9.62	8.86		7.06	10.03	9.97

FINAL - 2019 Müller Grand Prix (Birmingham, GBR)

Omega Timing (2019) - diamond league race analysis

date	18-Aug-19	time		3.4		5.5		7.5		9.6		11.77	11.77	2 / 8			
reaction time	0.164	interval				2.1		2.0		2.1		2.17		# of strides			
wind	-0.9 m/s	velocity		5.88		9.52		10.00		9.52		9.22	8.50	53.0			

Williams, Brianna (JAM) (2002)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)**

Omega Timing (2022) - diamond league race analysis

date	06-Aug-22	time		3.10		5.09		7.03		9.02		11.11	11.11	2 / 5			
reaction time	0.144	interval				1.99		1.94		1.99		2.09		# of strides			
wind	0.5 m/s	velocity		6.45		10.05		10.31		10.05		9.57	9.00	51.0			

FINAL - 2022 Prefontaine Classic (Eugene, OR)

Omega Timing (2022) - diamond league race analysis

date	28-May-22	time		3.12		5.14		7.09		9.08		11.20	11.20	1 / 9			
reaction time	0.154	interval				2.02		1.95		1.99		2.12		# of strides			
wind	0.7 m/s	velocity		6.41		9.90		10.26		10.05		9.43	8.93	51.0			

FINAL - 2021 Prefontaine Classic (Eugene, OR)

Omega Timing (2021) - diamond league race analysis

date	21-Aug-21	time		3.1		5.1		7.1		9.0		11.09	11.09	9 / 8			
reaction time	0.138	interval				2.00		2.00		1.90		2.09		# of strides			
wind	0.9 m/s	velocity		6.45		10.00		10.00		10.53		9.57	9.02	50.0			

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

date	08-Feb-20	time	2.15	3.23	4.23	5.23	6.21	7.18					7.18	6 / 3			
reaction time	0.176	interval		1.08	1.00	1.00	0.98	0.97					NJR PB	# of strides	4.23	2.95	
		velocity	4.65	9.26	10.00	10.00	10.20	10.31					8.36	31.7	7.09	10.17	

Williams, Charonda (USA) (1987)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)**

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

date	21-May-17	time	2.07	3.24	4.30	5.32	6.33	7.34	8.36	9.38	10.41	11.49	11.49	1 / 4			
reaction time	0.159	interval		1.17	1.06	1.02	1.01	1.01	1.02	1.02	1.03	1.08		# of strides	4.30	3.04	3.07
wind	0.8 m/s	velocity	4.83	8.55	9.43	9.80	9.90	9.90	9.80	9.80	9.71	9.26	8.70	50.1	6.98	9.87	9.77

Williams, Christiana (JAM) (1994)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****A FINAL - 2015 Windsprint (Sundsvall, SWE)**(2015) - www.windsprint/Splittider/

date	26-Jul-15	time		4.26				7.29		9.33		11.43	11.43	4 / 1
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reaction time	interval			3.03	2.04	2.10		# of strides	4.26	3.03
wind	0.9 m/s	velocity	7.04	9.90	9.80	9.52	8.75		7.04	9.90

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

date	20-Jul-14	time	4.20	7.17	9.16	11.24	11.24		3 / 1	
reaction time	interval			2.97	1.99	2.08		# of strides	4.20	2.97
wind	1.2 m/s	velocity	7.14	10.10	10.05	9.62	8.90		7.14	10.10

Williams, Diane (USA) (1960)**FINAL - 1987 IAAF World Championships (Rome, ITA) Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes**

date	30-Aug-87	time	2.08	3.20	4.24	5.24	6.21	7.15	8.11	9.07	10.07	11.07	11.07		2 / 4			
reaction time	0.240	interval		1.12	1.04	1.00	0.97	0.94	0.96	0.96	1.00	1.00		# of strides	4.24	2.91	2.92	
wind	-0.5 m/s	velocity	4.81	8.93	9.62	10.00	10.31	10.64	10.42	10.42	10.00	10.00	9.03		50.2	7.08	10.31	10.27

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	4.26	7.18	11.07	11.07									4 / 3		
reaction time	interval			2.92	3.89									# of strides	4.26	2.92	
wind	0.7 m/s	velocity	7.04	10.27	10.28	9.03									50.0	7.04	10.27

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	4.17	7.14	11.21	11.21									5 / 1		
reaction time	interval			2.97	4.07									# of strides	4.17	2.97	
wind	-1.6 m/s	velocity	7.19	10.10	9.83	8.92									51.2	7.19	10.10

Heat 7 - 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	4.23	7.21	11.22	11.22									6 / 1		
reaction time	interval			2.98	4.01									# of strides	4.23	2.98	
wind	-0.6 m/s	velocity	7.09	10.07	9.98	8.91									51.0	7.09	10.07

FINAL - 1983 IAAF World Championships (Helsinki, FIN)

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

date	08-Aug-83	time	3.12	5.16	6.16	7.13	8.13	9.11	11.06	11.06					6 / 3		
reaction time	0.177	interval		2.04	1.00	0.97	1.00	0.98	1.95					# of strides			
wind	-0.5 m/s	velocity	6.41	9.80	10.00	10.31	10.00	10.20	10.26	9.04					49.5		

Williams, Lauryn (USA) (1983)**FINAL - 2009 IAAF World Championships (Berlin, GER) Graubner (2009) - biomechanical analyses at the 12th IAAF world championships**

date	17-Aug-09	time	3.14	4.15	5.13	7.08	9.00	11.01	11.01						8 / 5		
reaction time	0.158	interval		1.01	0.98	1.95	1.92	2.01						# of strides	4.15	2.93	
wind	0.1 m/s	velocity	6.37	9.90	10.20	10.26	10.42	9.95	9.08						52.5	7.23	10.24

Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)

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

date	17-Aug-09	time	3.17	4.18	5.16	7.11	9.02	11.01	11.01						5 / 3		
reaction time	0.148	interval		1.01	0.98	1.95	1.91	1.99						# of strides	4.18	2.93	
wind	-0.1 m/s	velocity	6.31	9.90	10.20	10.26	10.47	10.05	9.08						7.18	10.24	

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

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

date	16-Aug-09	time	3.14	4.15	5.13	7.08	9.00	11.06	11.06						5 / 1		
reaction time	0.164	interval		1.01	0.98	1.95	1.92	2.06						# of strides	4.15	2.93	
wind	0.8 m/s	velocity	6.37	9.90	10.20	10.26	10.42	9.71	9.04						51.5	7.23	10.24

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

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

date	16-Aug-09	time	3.26	4.29	5.29	7.27	9.24	11.36	11.36						3 / 1		
reaction time	0.206	interval		1.03	1.00	1.98	1.97	2.12						# of strides	4.29	2.98	
wind	-0.5 m/s	velocity	6.13	9.71	10.00	10.10	10.15	9.43	8.80						6.99	10.07	

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

date	14-Sep-08	time	3.20	4.23	5.23	6.21	7.22	8.19	9.18	11.22	11.22				4 / 6		
reaction time	0.154	interval		1.03	1.00	0.98	1.01	0.97	0.99	2.04				# of strides	4.23	2.99	
wind	0.3 m/s	velocity	6.25	9.71	10.00	10.20	9.90	10.31	10.10	9.80	8.91				7.09	10.03	

FINAL - 2008 USA Olympic Trials (Eugene, OR)

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.06	3.15	4.15	5.13	6.06	6.99	7.94	8.91	9.88	10.90	10.90		2 / 3			
reaction time	interval			1.09	1.00	0.98	0.93	0.93	0.95	0.97	0.97	1.02		# of strides	4.15	2.84	2.89	
wind	1.0 m/s	velocity	4.85	9.17	10.00	10.20	10.75	10.75	10.53	10.31	10.31	9.80	9.17		52.0	7.23	10.56	10.38

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

USATF Women's Sprint Development with HPC (2008)

date	28-Jun-08	time	2.09	3.19	4.20	5.16	6.09	7.05	7.96	8.94	9.95	10.92	10.92		5 / 3			
reaction time	interval			1.10	1.01	0.96	0.93	0.96	0.91	0.98	1.01	0.97		# of strides	4.20	2.85	2.90	
wind	3.2 m/s	velocity	4.78	9.09	9.90	10.42	10.75	10.42	10.99	10.20	9.90	10.31	9.16		51.0	7.14	10.53	10.34

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

USATF Women's Sprint Development with HPC (2008)

date	27-Jun-08	time	2.11	3.16	4.16	5.13	6.04	6.97	7.94	8.87	9.84	10.86	10.86	5 / 2			
reaction time		interval		1.05	1.00	0.97	0.91	0.93	0.97	0.93	0.97	1.02		# of strides	4.16	2.81	2.87
wind	3.4 m/s	velocity	4.74	9.52	10.00	10.31	10.99	10.75	10.31	10.75	10.31	9.80	9.21		7.21	10.68	10.45
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)														<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	27-Jun-08	time	2.07	3.16	4.17	5.16	6.12	7.08	8.03	9.03	10.02	11.03	11.03	4 / 2			
reaction time		interval		1.09	1.01	0.99	0.96	0.96	0.95	1.00	0.99	1.01		# of strides	4.17	2.91	2.94
wind	1.8 m/s	velocity	4.83	9.17	9.90	10.10	10.42	10.42	10.53	10.00	10.10	9.90	9.07		7.19	10.31	10.20
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
date	23-Sep-07	time		3.21	4.24	5.24		7.22		9.23		11.31	11.31	5 / 5			
reaction time	0.136	interval			1.03	1.00		1.98		2.01		2.08		# of strides	4.24	2.98	
wind	-0.6 m/s	velocity		6.23	9.71	10.00		10.10		9.95		9.62	8.84		7.08	10.07	
FINAL - 2007 IAAF World Championships (Osaka, JPN)														<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>			
date	27-Aug-07	time	2.01	3.13	4.13	5.10	6.06	7.03	8.00	8.98	9.99	11.01	11.01	4 / 2			
reaction time	0.145	interval		1.12	1.00	0.97	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.13	2.90	2.96
wind	-0.2 m/s	velocity	4.98	8.93	10.00	10.31	10.42	10.31	10.31	10.20	9.90	9.80	9.08		52.5	7.26	10.34
FINAL - 2007 Osaka Grand Prix (Osaka, JPN)														<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>			
date	05-May-07	time	2.04	3.19	4.23	5.24	6.23	7.23	8.24	9.28	10.34	11.44	11.44	1 / 2			
reaction time		interval		1.15	1.04	1.01	0.99	1.00	1.01	1.04	1.06	1.10		# of strides	4.23	3.00	3.11
wind	0.7 m/s	velocity	4.90	8.70	9.62	9.90	10.10	10.00	9.90	9.62	9.43	9.09	8.74		7.09	10.00	9.65
FINAL - 2006 USATF National Championships (Indianapolis, IN)														<i>USATF Women's Sprint Development (2006)</i>			
date	23-Jun-06	time	2.09	3.20	4.20	5.19	6.16	7.14	8.11	9.11	10.14	11.17	11.17	8 / 2 1			
reaction time		interval		1.11	1.00	0.99	0.97	0.98	0.97	1.00	1.03	1.03		# of strides	4.20	2.94	3.00
wind	-0.9 m/s	velocity	4.78	9.01	10.00	10.10	10.31	10.20	10.31	10.00	9.71	9.71	8.95		53.0	7.14	10.20
FINAL - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.05	3.20	4.24	5.25	6.24	7.22	8.21	9.21	10.24	11.29	11.29	1 / 3			
reaction time		interval		1.15	1.04	1.01	0.99	0.98	0.99	1.00	1.03	1.05		# of strides	4.24	2.98	3.02
wind	-1.6 m/s	velocity	4.88	8.70	9.62	9.90	10.10	10.20	10.10	10.00	9.71	9.52	8.86		54.0	7.08	10.07
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
date	25-Jun-05	time	2.07	3.16	4.17	5.16	6.11	7.08	8.04	9.04	10.03	11.05	11.05	7 / 3			
reaction time		interval		1.09	1.01	0.99	0.95	0.97	0.96	1.00	0.99	1.02		# of strides	4.17	2.91	2.95
wind	3.0 m/s	velocity	4.83	9.17	9.90	10.10	10.53	10.31	10.42	10.00	10.10	9.80	9.05		7.19	10.31	10.17
Heat 2 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
date	24-Jun-05	time	2.08	3.22	4.29	5.29	6.29	7.27	8.22	9.26	10.28	11.33	11.33	7 / 2			
reaction time		interval		1.14	1.07	1.00	1.00	0.98	0.95	1.04	1.02	1.05		# of strides	4.29	2.98	3.01
wind	-0.7 m/s	velocity	4.81	8.77	9.35	10.00	10.00	10.20	10.53	9.62	9.80	9.52	8.83		6.99	10.07	9.97
FINAL - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.08	3.21	4.23	5.22	6.17	7.16	8.13	9.10	10.08	11.10	11.10	5 / 3 2			
reaction time	0.211	interval		1.13	1.02	0.99	0.95	0.99	0.97	0.97	0.98	1.02		# of strides	4.23	2.93	2.92
wind	0.1 m/s	velocity	4.81	8.85	9.80	10.10	10.53	10.10	10.31	10.31	10.20	9.80	9.01		52.7	7.09	10.24
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	10-Jul-04	time	2.12	3.24	4.26	5.24	6.22	7.20	8.15	9.14	10.13	11.14	11.14	6 / 2 1			
reaction time		interval		1.12	1.02	0.98	0.98	0.98	0.95	0.99	0.99	1.01		# of strides	4.26	2.94	2.93
wind	-0.1 m/s	velocity	4.72	8.93	9.80	10.20	10.20	10.20	10.53	10.10	10.10	9.90	8.98		52.7	7.04	10.20
Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>			
date	09-Jul-04	time	2.11	3.17	4.22	5.22	6.16	7.12	8.07	9.08	10.09	11.13	11.13	4 / 1			
reaction time		interval		1.06	1.05	1.00	0.94	0.96	0.95	1.01	1.01	1.04		# of strides	4.22	2.90	2.97
wind	-0.8 m/s	velocity	4.74	9.43	9.52	10.00	10.64	10.42	10.53	9.90	9.90	9.62	8.98		53.2	7.11	10.34
FINAL - 2003 USATF National Championships (Palo Alto, CA)														<i>USATF Women's Sprint Development (2003)</i>			
date	20-Jun-03	time	2.17	3.29	4.35	5.35	6.34	7.31	8.30	9.31	10.33	11.34	11.34	2 / 7 5			
reaction time		interval		1.12	1.06	1.00	0.99	0.97	0.99	1.01	1.02	1.01		# of strides	4.35	2.96	3.02
wind	-1.1 m/s	velocity	4.61	8.93	9.43	10.00	10.10	10.31	10.10	9.90	9.80	9.90	8.82		6.90	10.14	9.93
Williamson, Trudy Ann (JAM) (1997)														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	2.10	3.22	4.26	5.30	6.32	7.37				7.37		8 / 8			
reaction time	0.135	interval		1.12	1.04	1.04	1.02	1.05				=PB		# of strides	4.26	3.11	
		velocity	4.76	8.93	9.62	9.62	9.80	9.52				8.14			32.2	7.04	9.65
Wilson, Kenyanna (USA) (1988)														10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m			

FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)

USATF Women's Sprint Development (2006)

date	22-Jun-06	time	2.10	3.24	4.28	5.29	6.26	7.24	8.26	9.26	10.30	11.37	11.37	5 / 6			
reaction time		interval		1.14	1.04	1.01	0.97	0.98	1.02	1.00	1.04	1.07	=PB	# of strides	4.28	2.96	3.06
wind	1.2 m/s	velocity	4.76	8.77	9.62	9.90	10.31	10.20	9.80	10.00	9.62	9.35	8.80		7.01	10.14	9.80

Wisil, Toea (PNG) (1988)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

date	21-May-17	time	2.05	3.21	4.27	5.31	6.32	7.35	8.39	9.42	10.47	11.58	11.58	/ 5			
reaction time	0.160	interval		1.16	1.06	1.04	1.01	1.03	1.04	1.03	1.05	1.11		# of strides	4.27	3.08	3.12
wind	0.8 m/s	velocity	4.88	8.62	9.43	9.62	9.90	9.71	9.62	9.71	9.52	9.01	8.64		54.5	7.03	9.74

Wöckel, Bärbel (GDR) (1955)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 81/84

date	01-Jul-82	time		4.21			7.10			9.02		10.95	10.95	/ 2			
reaction time		interval					2.89			1.92		1.93	PB	# of strides	4.21	2.89	
wind	1.0 m/s	velocity		7.13			10.38			10.42		10.36	9.13		7.13	10.38	

FINAL - 1980 East German Olympic Test Meeting (East Berlin, GDR) Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 81/84

date	09-Jul-80	time		4.32			7.27			9.26		11.24	11.24	/ 2			
reaction time		interval					2.95			1.99		1.98		# of strides	4.32	2.95	
wind	2.0 m/s	velocity		6.94			10.17			10.05		10.10	8.90		6.94	10.17	

Wright, Jernae (USA) (1978)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
USATF Women's Sprint Development (1996)

date	28-Jun-96	time	2.13	4.39		6.30	7.30			10.35	11.54	11.54	6 / 1				
reaction time		interval		2.26		1.91	1.00			3.05	1.19			# of strides	4.39	2.91	3.05
wind	0.5 m/s	velocity	4.69	8.85		10.47	10.00			9.84	8.40	8.67			6.83	10.31	9.84

Yamada, Eri (JPN) (1993)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics

date	04-Aug-11	time			6.61	7.68	8.76	9.87	11.02	12.19	12.19	12.19	4 / 8				
reaction time		interval				1.07	1.08	1.11	1.15	1.17				# of strides			3.34
wind	-1.0 m/s	velocity			7.56	9.35	9.26	9.01	8.70	8.55	8.20						8.98

FINAL - 2010 Japanese National High School Championships (Okinawa, JPN) Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics

date	30-Jul-10	time	2.17	3.40		5.67	6.79	7.93	9.08	10.23	11.40	12.64	12.64	2 / 8			
reaction time		interval		1.23		2.27	1.12	1.14	1.15	1.15	1.17	1.24		# of strides			3.41
wind	-3.2 m/s	velocity	4.61	8.13		8.81	8.93	8.77	8.70	8.70	8.55	8.06	7.91				8.80

Yamagata, Aiha (JPN) (2005)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Takashima (2023) - national high school sports festival - biomechanics data

date	03-Aug-23	time	2.13	3.34	4.44	5.51	6.56	7.61	8.67	9.74	10.83	11.92	11.92	5 / 1			
reaction time	0.238	interval		1.21	1.10	1.07	1.05	1.05	1.06	1.07	1.09	1.09		# of strides	4.44	3.17	3.22
wind	-2.9 m/s	velocity	4.69	8.26	9.09	9.35	9.52	9.52	9.43	9.35	9.17	9.17	8.39		6.76	9.46	9.32

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

date	04-Aug-22	time	2.15	3.37	4.47	5.54	6.60	7.67	8.75	9.84	10.96	12.08	12.08	3 / 7			
reaction time	0.215	interval		1.22	1.10	1.07	1.06	1.07	1.08	1.09	1.12	1.12		# of strides	4.47	3.20	3.29
wind	-0.6 m/s	velocity	4.65	8.20	9.09	9.35	9.43	9.35	9.26	9.17	8.93	8.93	8.28		57.0	6.71	9.38

Yamakoshi, Riko (JPN) (2004)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Enomoto (2019) - research on athlete performance and technique- 2019 data book

date	04-Oct-19	time		4.58			6.83				12.49	12.49	9 / 7				
reaction time	0.191	interval				2.25					5.66			# of strides	4.58		
wind	-1.8 m/s	velocity		6.55		2.93					8.83	8.01			54.2	6.55	

Yamanaka, Hina (JPN)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

date	06-Oct-18	time	2.07	3.33	4.48	5.59	6.69	7.78	8.88	9.99	11.12	12.28	12.28	2 / 4			
reaction time	0.161	interval		1.26	1.15	1.11	1.10	1.09	1.10	1.11	1.13	1.16		# of strides	4.48	3.30	3.34
wind	-2.8 m/s	velocity	4.83	7.94	8.70	9.01	9.09	9.17	9.09	9.01	8.85	8.62	8.14		55.8	6.70	9.09

Yamashiro, Rio (JPN) (1991)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics

date	30-Jul-09	time		4.35	5.42	6.43	7.48	8.56	9.61		11.82	11.82	8 / 4				
reaction time		interval			1.07	1.01	1.05	1.08	1.05		2.21			# of strides	4.35	3.13	
wind	1.6 m/s	velocity		6.90	9.35	9.90	9.52	9.26	9.52		9.05	8.46			6.90	9.58	

Yasuzu, Chiba (JPN)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Takashima (2023) - national high school sports festival - biomechanics data

date	03-Aug-23	time	2.15	3.37	4.48	5.56	6.64	7.71	8.80	9.90	11.02	12.16	12.16	9 / 4			
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reaction time	0.196	interval	1.22	1.11	1.08	1.08	1.07	1.09	1.10	1.12	1.14	# of strides	4.48	3.23	3.31	
wind	-2.9 m/s	velocity	4.65	8.20	9.01	9.26	9.26	9.35	9.17	9.09	8.93	8.77	8.22	6.70	9.29	9.06

Yoshino, Shiori (JPN) (1999)

	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	4.45	5.56	6.62	7.69	8.76	9.85	10.96	12.11	12.11	12.11	8			
reaction time		interval		1.11	1.06	1.07	1.07	1.09	1.11	1.15			# of strides	4.45	3.24	3.28
wind	-1.2 m/s	velocity	6.74	9.01	9.43	9.35	9.35	9.17	9.01	8.70	8.26			6.74	9.26	9.15

Young, Dannette (USA) (1964)

	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	1.97	4.26	6.06				10.00	11.06	11.06	7 / 6			
reaction time		interval	2.29		1.80				3.94	1.06	=PB		# of strides	4.26	
wind	1.1 m/s	velocity	5.08	8.73	11.11				10.15	9.43	9.04	51.5	7.04		
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)	<i>USATF Women's Sprint Development (1996)</i>														
date	15-Jun-96	time	1.97	4.18	6.21				10.07	11.06	11.06	6 / 4			
reaction time		interval	2.21		2.03				3.86	0.99	PB		# of strides	4.18	
wind	1.1 m/s	velocity	5.08	9.05	9.85				10.36	10.10	9.04	52.0	7.18		

Yousofi, Kimia (AFG) (1996)

	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	02-Aug-24	time	2.26	3.56	4.78	5.93	7.15	8.35	9.58	10.83	12.11	13.42	8 / 9			
reaction time	0.160	interval	1.30	1.22	1.15	1.22	1.20	1.23	1.25	1.28	1.31		# of strides	4.78	3.57	3.76
wind	1.1 m/s	velocity	4.42	7.69	8.20	8.70	8.20	8.33	8.13	8.00	7.81	7.63	7.45	6.28	8.40	7.98

Yuan Qiqi (CHN) (1995)

	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	2.07	3.22	4.28	5.28	6.27	7.26	8.26	9.27	10.29	11.34	4 / 2				
reaction time	0.173	interval	1.15	1.06	1.00	0.99	0.99	1.00	1.01	1.02	1.05		# of strides	4.28	2.98	3.03	
wind	0.4 m/s	velocity	4.83	8.70	9.43	10.00	10.10	10.10	10.00	9.90	9.80	9.52	8.82	57.5	7.01	10.07	9.90
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)	<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>																
date	02-Aug-19	time	2.11	3.25	4.32	5.35	6.36	7.38	8.41	9.45	10.50	11.57	11.57	3 / 4			
reaction time		interval	1.14	1.07	1.03	1.01	1.02	1.03	1.04	1.05	1.07		# of strides	4.32	3.06	3.12	
wind	-1.2 m/s	velocity	4.74	8.77	9.35	9.71	9.90	9.80	9.71	9.62	9.52	9.35	8.64	6.94	9.80	9.62	

Yuasa, Kanako (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>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>															
date	02-Oct-20	time	2.07	3.27	4.37	5.43	6.48	7.53	8.59	9.66	10.77	11.90	11.90	2 / 8		
reaction time	0.148	interval	1.20	1.10	1.06	1.05	1.05	1.06	1.07	1.11	1.13		# of strides	4.37	3.16	3.24
wind	0.5 m/s	velocity	4.83	8.33	9.09	9.43	9.52	9.52	9.43	9.35	9.01	8.85	8.40	6.86	9.49	9.26
FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)	<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>															
date	19-Sep-20	time	2.06	3.26	4.35	5.41	6.46	7.51	8.57	9.64	10.73	11.85	11.85	1 / 2		
reaction time		interval	1.20	1.09	1.06	1.05	1.05	1.06	1.07	1.09	1.12		# of strides	4.35	3.16	3.22
wind	-0.8 m/s	velocity	4.85	8.33	9.17	9.43	9.52	9.52	9.43	9.35	9.17	8.93	8.44	6.90	9.49	9.32

FINAL - 2020 Athlete Night Games (Fukui, JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Athlete Night Games (Fukui, JPN)	<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>															
date	29-Aug-20	time	2.03	3.22	4.31	5.35	6.38	7.41	8.44	9.49	10.56	11.65	11.65	1 / 3		
reaction time		interval	1.19	1.09	1.04	1.03	1.03	1.03	1.05	1.07	1.09		# of strides	4.31	3.10	3.15
wind	1.1 m/s	velocity	4.93	8.40	9.17	9.62	9.71	9.71	9.52	9.35	9.17	8.58		6.96	9.68	9.52

FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)	<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>															
date	23-Aug-20	time	2.05	3.26	4.36	5.43	6.49	7.54	8.61	9.70	10.81	11.95	11.95	7 / 4		
reaction time	0.144	interval	1.21	1.10	1.07	1.06	1.05	1.07	1.09	1.11	1.14		# of strides	4.36	3.18	3.27
wind	-0.9 m/s	velocity	4.88	8.26	9.09	9.35	9.43	9.52	9.35	9.17	9.01	8.77	8.37	6.88	9.43	9.17

FINAL - 2019 National Sports Festival (Hitachinaka, JPN)

	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	4.29			6.36					11.62	11.62	5 / 1		
reaction time	0.148	interval				2.07					5.26		# of strides	4.29	
wind	1.1 m/s	velocity	6.99			3.14					9.51	8.61	54.2	6.99	

Semi-Final 3 - 2017 National Sports Festival (Matsuyama, JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semi-Final 3 - 2017 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	2.05	3.23	4.29	5.35	6.40	7.45	8.52	9.60	10.70	11.83	11.83	1 / 3			
reaction time	0.140	interval	1.18	1.06	1.06	1.05	1.05	1.07	1.08	1.10	1.13	PB	# of strides	4.29	3.16	3.25	
wind	0.7 m/s	velocity	4.88	8.47	9.43	9.43	9.52	9.52	9.35	9.26	9.09	8.85	8.45	55.0	6.99	9.49	9.23

Zahi, Carolle (FRA) (1994)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Memorial Van Damme (Brussels, BEL)	<i>Omega Timing (2020) - diamond league race analysis</i>														
date	04-Sep-20	time	3.3		5.3		7.4		9.4		11.56	11.56	4 / 2		

reaction time	0.173	interval		2.00	2.10	2.00	2.16				# of strides								
wind	0.2 m/s	velocity	6.06	10.00	9.52	10.00	9.26	8.65	49.5										
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2020) - diamond league race analysis</i>							
date	23-Aug-20	time	3.2	5.3	7.2	9.3	11.34	11.34	6 / 6										
reaction time	0.158	interval		2.10	1.90	2.10	2.04		# of strides										
wind	1.3 m/s	velocity	6.25	9.52	10.53	9.52	9.80	8.82	49.0										
FINAL - 2019 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2019) - diamond league race analysis</i>							
date	24-Aug-19	time		6.2			11.25	11.25	2 / 7										
reaction time	0.159	interval					5.05		# of strides										
wind	-0.2 m/s	velocity		8.06			9.90	8.89	48.2										
Zapalska, Monika (GER) (1994)																			
FINAL - 2010 German National Youth Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>							
date	07-Aug-10	time	3.39	4.49	5.55	7.68	9.81	12.03	12.03	/ 6									
reaction time		interval		1.10	1.06	2.13	2.13	2.22		# of strides	4.49	3.19							
wind	-0.3 m/s	velocity	5.90	9.09	9.43	9.39	9.37	9.03	8.31		6.68	9.40							
Zhang Bo-Ya (TPE) (2003)																			
Heat 3 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	02-Aug-24	time	2.10	3.29	4.36	5.43	6.46	7.50	8.55	9.62	10.72	11.88	11.88	7 / 9					
reaction time	0.151	interval		1.19	1.07	1.07	1.03	1.04	1.05	1.07	1.10	1.16		# of strides	4.36	3.14	3.22		
wind	1.5 m/s	velocity	4.76	8.40	9.35	9.35	9.71	9.62	9.52	9.35	9.09	8.62	8.42	51.5	6.88	9.55	9.32		
Prelim 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
date	02-Aug-24	time	2.08	3.26	4.35	5.42	6.47	7.54	8.62	9.72	10.84	11.99	11.99	4 / 3					
reaction time	0.147	interval		1.18	1.09	1.07	1.05	1.07	1.08	1.10	1.12	1.15		# of strides	4.35	3.19	3.30		
wind	1.1 m/s	velocity	4.81	8.47	9.17	9.35	9.52	9.35	9.26	9.09	8.93	8.70	8.34	53.0	6.90	9.40	9.09		
Zhang Man (CHN) (1997)																			
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>							
date	02-Aug-19	time	2.08	3.53	4.39	5.41	6.44	7.47	8.51	9.55	10.61	11.68	11.68	8 / 6					
reaction time		interval		1.45	0.86	1.02	1.03	1.03	1.04	1.04	1.06	1.07		# of strides	4.39	3.08	3.14		
wind	-1.2 m/s	velocity	4.81	6.90	11.63	9.80	9.71	9.71	9.62	9.62	9.43	9.35	8.56		6.83	9.74	9.55		
Zhirova, Marina (URS) (1963)																			
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	25-Sep-88	time	2.08	3.18	4.25	5.24	6.21	7.18	8.18	9.20	10.22	11.24	11.24	1 / 8					
reaction time	0.187	interval		1.10	1.07	0.99	0.97	0.97	1.00	1.02	1.02	1.02		# of strides	4.25	2.93	3.04		
wind	0.5 m/s	velocity	4.81	9.09	9.35	10.10	10.31	10.31	10.00	9.80	9.80	9.80	8.90		7.06	10.24	9.87		
Heat 5 - 1988 Olympic Games (Seoul, KOR)												<i>Levchenko (1990) - questions and answers about women's sprinting</i>							
date	24-Sep-88	time		3.86			6.90		8.85		10.87	11.22		7 / 2					
reaction time		interval					3.04		1.95		2.02			# of strides	3.86	3.04			
wind	0.1 m/s	velocity		7.77			9.87		10.26		9.90	8.91		49.9	7.77	9.87			
Heat 5 - 1987 Snamenski Memorial (Moscow, URS)												<i>Levchenko (1990) - questions and answers about women's sprinting</i>							
date	07-Jun-87	time		3.97			7.03		9.07		11.15	11.50		/ 2					
reaction time		interval					3.06		2.04		2.08			# of strides	3.97	3.06			
wind	-0.7 m/s	velocity		7.56			9.80		9.80		9.62	8.70		49.6	7.56	9.80			
Zhu Cuiwei (CHN) (2000)																			
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)												<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>							
date	02-Aug-19	time	2.14	3.33	4.46	5.54	6.61	7.67	8.72	9.78	10.84	11.93	11.93	2 / 8					
reaction time		interval		1.19	1.13	1.08	1.07	1.06	1.05	1.06	1.06	1.09		# of strides	4.46	3.21	3.17		
wind	-1.2 m/s	velocity	4.67	8.40	8.85	9.26	9.35	9.43	9.52	9.43	9.43	9.17	8.38		6.73	9.35	9.46		
Zlatníková, Lucie (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	2.22	3.49	4.65	5.81	6.96	8.13	9.31	10.50	11.72	12.97	12.97	6 / 5					
reaction time	0.184	interval		1.27	1.16	1.16	1.15	1.17	1.18	1.19	1.22	1.25		# of strides	4.65	3.48	3.59		
wind	-6.4 m/s	velocity	4.50	7.87	8.62	8.62	8.70	8.55	8.47	8.40	8.20	8.00	7.71		6.45	8.62	8.36		
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		3.46			5.72		7.94		10.20	12.50		4 / 2					
reaction time	0.148	interval					2.26		2.22		2.26	2.30		# of strides					
wind	-1.4 m/s	velocity		5.78			8.85		9.01		8.85	8.70	8.00						

