Women's 100m Split Times - by athlete

LAST UPDATE: 5-Mar-25

Abe, Hidemi (JPN) (1990)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Japanese National High School Championships (Saga, JPN)														*Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*			
date	03-Aug-07	time		3.28	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)			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	2.24	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	

Abrams, Jasmine (GUY) (1994)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)														*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.2		5.3		7.3		9.4		11.60	11.60	7 / 7			
reaction time	0.151	interval				2.10		2.00		2.10		2.20		# of strides			
wind	0.0 m/s	velocity		6.25		9.52		10.00		9.52		9.09	8.62	52.5			

Acquaviva, Safiatou (GUI) (1999)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympc Games - Results Book (2024)*			
date	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)														*Paris 2024 Olympc Games - Results Book (2024)*			
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)			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	2.01	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)														*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*			
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	/ 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)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	2.15	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)														*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
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	/ 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)			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			4.41		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)			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)														*Omega Timing (2021) - diamond league race analysis*			
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)			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		3.70		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)

	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		4.43			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			
reaction time	interval					3.12		2.14		2.23		# of strides	4.42	3.12	
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			
reaction time	interval					3.17		2.14		2.24		# of strides	4.47	3.17	
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			
reaction time	interval					3.25		2.20		2.25		# of strides	4.52	3.25	
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			
reaction time 0.142	interval	1.17	1.05	1.01	1.00	0.99	1.01	1.02	1.03	1.07		# of strides	4.29	3.00	3.06
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 Olympc 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			
reaction time 0.178	interval	1.29	1.21	1.20	1.21	1.23	1.27	1.30	1.34	1.65	PB	# of strides	4.51	3.64	3.91
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, SUI)												*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			
reaction time 0.145	interval	1.15	1.04	1.00	1.00	0.99	1.00	1.00	1.02	1.05		# of strides	4.21	2.99	3.02
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	51.0	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			
reaction time 0.184	interval	1.14	1.03	0.96	0.96	0.97	0.93	0.97	0.99	1.02		# of strides	4.18	2.89	2.89
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	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 Olympc 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			
reaction time 0.164	interval	1.17	1.03	1.02	0.97	0.99	0.99	1.01	1.02	1.03		# of strides	4.30	2.98	3.02
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	9.93
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			
reaction time	interval	1.16	1.06	1.00	1.00	0.99	1.00	1.01	1.04	1.08		# of strides	4.23	2.99	3.05
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	9.84
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time	3.1		5.2		7.2		9.2		11.29	11.29	5 / 3			
reaction time 0.116	interval			2.10		2.00		2.00		2.09		# of strides			
wind 0.0 m/s	velocity	6.45		9.52		10.00		10.00		9.57	8.86	51.5			
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			
reaction time 0.151	interval	1.17	1.04	0.96	0.95	0.95	0.96	0.97	0.99	1.00		# of strides	4.23	2.86	2.92
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	10.27

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			
reaction time 0.161	interval	1.15	1.05	0.99	0.98	0.97	0.98	0.97	1.01	1.06		# of strides	4.24	2.94	2.96
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	10.14

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			
reaction time	0.191	interval		1.08	1.21		2.71					# of strides	4.45	2.71	
		velocity	4.63	9.26	8.26		11.07				8.38	34.0	6.74	11.07	

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			
reaction time	0.174	interval								4.92		# of strides			
wind	-0.8 m/s	velocity				7.73				10.16	8.78	53.7			

Akinyemi, Folake (NOR) (1990)

	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			4.39		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)

	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 Olympc Games - Results Book (2024)*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08	time	2.13	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) *USATF Women's Sprint Development (2006)*

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)

	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 Olympc Games - Results Book (2024)*			
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)

	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	2.01	3.11	4.12	5.08	6.03	6.98	7.93	8.90	9.89	10.88	10.88	5 / 1		
reaction time 0.150	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) *Omega Timing (2024) - diamond league race analysis*

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

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

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

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

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

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

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			

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.1		5.0		7.0		9.0		11.04	11.04	3 / 1			
reaction time	0.147	interval				1.90		2.00		2.00		2.04		# of strides			
wind	0.3 m/s	velocity		6.45		10.53		10.00		10.00		9.80	9.06	51.2			

Alfredsson, Marine (SWE) (1993)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time		4.57			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	

Al-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	

Al-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	8.79	51.9	7.16	9.90	9.71

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	/ 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-Liburd, 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 Olympc 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	9.43

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	/ 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	/ 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				
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		

Al-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	/ 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			

Alyoussef, Alissar (SYR) (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 Olympc Games - Results Book (2024)*			
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)

	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	2.19	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

Anang, Naa (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 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time	3.1		5.2	7.2	9.2	11.39	11.39	3 / 5					
reaction time	0.124	interval			2.10	2.00	2.00	2.19		# of strides					
wind	0.0 m/s	velocity	6.45		9.52	10.00	10.00	9.13	8.78	49.5					

Anderberg, Nikki (SWE) (2002)

	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	11.97	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date	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	10.42	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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development (2006)*			
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)												*USATF Women's Sprint Development (2005)*			
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)

	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	2.20		4.40		6.28	7.29			10.42	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)

	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		3.30	4.37	5.41		7.42		9.42		11.69	11.69	/ 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.34	4.42	5.46		7.50		9.57		11.73	11.73	/ 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 17-Aug-09 time		3.19	4.24	5.25		7.30		9.33		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)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date 16-Aug-09 time		3.15	4.20	5.22		7.25		9.26		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			
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	

Anno, Miyu (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22 time			4.63			8.08			11.73	13.02	13.02	3 / 8			
reaction time interval						3.45			3.65	1.29		# of strides	4.63	3.45	3.65
wind 0.5 m/s velocity			6.48			8.70			8.22	7.75	7.68	56.0	6.48	8.70	8.22

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	4.43	3.15	3.19
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	6.77	9.52	9.40
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	3.31
wind -3.0 m/s velocity			6.76			9.23			9.06	8.70	8.23		6.76	9.23	9.06

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 championhsips*			

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	4.32	3.10	3.19
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	6.94	9.68	9.40

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	4.34	3.19	3.29
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	9.40	9.12

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	4.30	3.13	3.20
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	6.98	9.58	9.38

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	4.28	3.11	3.22
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	7.01	9.65	9.32

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	/ 3			
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) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

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, Momo (JPN)

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

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	25-May-19	time			4.63			7.97			11.37	12.56	12.56	7 / 2			
reaction time		interval						3.34			3.40	1.19		# of strides	4.63	3.34	3.40
wind	2.9 m/s	velocity			6.48			8.98			8.82	8.40	7.96	59.5	6.48	8.98	8.82

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

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) *Locatelli (2000) - the mechanics and energetics of the 100m sprint*

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

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

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	0.99	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) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.90	3.07	4.13	5.11	6.04	7.00	7.95	8.89	9.88	10.84	10.83	8 / 4			
reaction time	0.116	interval		1.17	1.06	0.98	0.93	0.96	0.95	0.94	0.99	0.96	**=NR =PB**	# of strides	4.13	2.87	2.88
wind	0.8 m/s	velocity	5.26	8.55	9.43	10.20	10.75	10.42	10.53	10.64	10.10	10.42	9.23	48.5	7.26	10.45	10.42

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

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

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

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

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) *Omega Timing (2019) - diamond league race analysis*

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

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

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	10.49

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

date	24-Sep-88	time	2.03	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) *Butler (2013) - IAAF world championships statistics handbook- moscow 2013*

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

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

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)												*USATF Women's Sprint Development with HPC (2008)*			
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		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)												*USATF Women's Sprint Development with HPC (2008)*			
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		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)												*USATF Women's Sprint Development with HPC (2008)*			
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		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)												*Omega Timing (2022) - diamond league race analysis*			
date 26-Aug-22 time		3.3		5.5		7.6		9.8		12.04	12.04	5 / 6			
reaction time				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)												*Omega Timing (2024) - diamond league race analysis*			
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

Atcho, Sarah (SUI) (1995)

FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)												*Swiss Athletics (2016) - sprint and hurdle analysis*				
date 21-May-16 time					6.53					11.92	11.92	/ 2				
reaction time		interval								5.39		# of strides				
wind -1.8m/s		velocity			7.66					9.28	8.39					
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)												*Swiss Athletics (2016) - sprint and hurdle analysis*				
date 07-May-16 time					6.56					11.85	11.85	/ 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		9.82		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	/ 1			
reaction time	0.126	interval		1.05	1.02	1.99	2.06	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		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	/ 4		
reaction time		interval			2.17		3.00		2.05		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		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	/ 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 researchproject 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	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	7 / 5			
reaction time	0.141	interval			1.02	0.99		1.97		1.93		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		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	3 / 3			
reaction time	0.154	interval			1.03	0.99		1.95		1.94		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	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	7 / 1			
reaction time	0.143	interval			1.08	1.04		2.08		2.01		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		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	/ 7			
reaction time	0.164	interval			1.03	1.00		1.97		2.04		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		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	9 / 7			
reaction time	0.139	interval				2.1		2.0		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) — *USATF Women's Sprint Development with HPC (2008)*

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

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

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) — *USATF Women's Sprint Development (2005)*

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) — *USATF Women's Sprint Development (2005)*

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) — *USATF Women's Sprint Development (2005)*

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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*USATF Women's Sprint Development (2006)*			
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)														*(2017) - www.windsprint/Splittider/*			
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)														*Omega Timing (2024) - continental tour gold race analysis*			
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)														*Omega Timing (2024) - diamond league race analysis*			
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)														*Omega Timing (2023) - diamond league race analysis*			
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

Bartoletta, Tianna (USA) (1985)			**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	2.05	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	9.90	9.80	9.62	9.35	8.72	50.3	6.99	9.87	9.77
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)														*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
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)														*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
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)														*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
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)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
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) *(2009) - www.ssg.se/en/Windsprint/Split-times/*

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)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2002 European Championships (Munich, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	07-Aug-02	time		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)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
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)

			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	2.03	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, SUI)														*Omega Timing (2024) - diamond league race analysis*			
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)														*Omega Timing (2024) - diamond league race analysis*			
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)														*Paris 2024 Olympc Games - Results Book (2024)*			
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 Olympc 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			
reaction time	0.193	interval				2.03		1.97		1.99		2.06		# of strides			
wind	0.5 m/s	velocity		6.27		9.85		10.15		10.05		9.71	8.90	52.2			

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			
reaction time		interval			1.10	1.07		2.15		2.17		2.21		# of strides	4.58	3.22	

wind	0.4 m/s	velocity		5.75	9.09	9.35		9.30		9.22		9.05	8.21		6.55	9.32

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 Olympc 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'Athlétime (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			
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			

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

Bessho, Miyu (JPN) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23 time			4.42			7.67			10.92	12.09	12.09	6 / 1			
reaction time interval						3.25			3.25	1.17		# of strides	4.42	3.25	3.25
wind 2.1 m/s velocity			6.79			9.23			9.23	8.55	8.27	52.5	6.79	9.23	9.23
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22 time			4.50			7.73			11.07	12.25	12.25	4 / 2			
reaction time interval						3.23			3.34	1.18		# of strides	4.50	3.23	3.34
wind 0.5 m/s velocity			6.67			9.29			8.98	8.47	8.16	52.0	6.67	9.29	8.98

Bell, Alyson (GBR) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 London Athletics Meet (London, GBR)												*Omega Timing (2024) - diamond league race analysis*			
date 20-Jul-24 time	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.59		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01 time		3.26	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)

	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		3.4		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2017 Windsprint (Sundsvall, SWE)												*(2017) - www.windsprint/Splittider/*			
date 30-Jul-17	time			4.64		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)												*(2016) - www.windsprint/Splittider/*			
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)												*(2016) - www.windsprint/Splittider/*			
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)

	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			4.36			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)												*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
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)

	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 Olympc Games - Results Book (2024)*			
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	11.37	1 / 9			
reaction time 0.144	interval		1.17	1.06	1.02	1.00	0.99	1.00	1.01	1.02	1.05		# of strides	4.28	3.01	3.03
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	8.80	51.0	7.01	9.97	9.90
Heat 6 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
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	11.27	4 / 3			
reaction time 0.143	interval		1.17	1.04	1.02	0.98	0.99	0.99	1.00	1.00	1.02		# of strides	4.27	2.99	2.99
wind -0.4 m/s	velocity	4.85	8.55	9.62	9.80	10.20	10.10	10.10	10.00	10.00	9.80	8.87	51.5	7.03	10.03	10.03

Beu, Leonie (PNG) (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	2.20	3.39	4.44	5.46	6.48	7.48	8.51	9.56	10.62	11.73	11.73	1 / 8			
reaction time 0.252	interval		1.19	1.05	1.02	1.02	1.00	1.03	1.05	1.06	1.11		# of strides	4.44	3.04	3.14
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 Olympc 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, SUI) *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, SUI) *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)

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) - geschindigkeitsdynamik von sprintern 100m-lauf beir 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, SUI) *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) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	29-May-76	time			4.31			7.28		9.23		11.22	11.22	/ 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	/ 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	/ 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	
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	/ 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	10.75	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				

Bracháčková, Petra (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	2.27	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) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Youth Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time	3.34	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)

	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	2.27	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date 29-Apr-17 time	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)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
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)												*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
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)												*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
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)												*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
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)												*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
date 29-Apr-14 time	2.07	3.20	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)												*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*			
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

Brier, Hannah (GBR) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.2		5.3		7.3		9.4		11.61	11.61	1 / ~~8~~ 7			
reaction time 0.124 interval				2.10		2.00		2.10		2.21		# of strides			
wind 0.3 m/s velocity		6.25		9.52		10.00		9.52		9.05	8.61	52.0			

Brice, Tremedia (USA) (1981)

	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	2.10	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)												*USATF Women's Sprint Development (2005)*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)												*Omega Timing (2022) - diamond league race analysis*			
date 21-May-22 time		3.16		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			

Broaddus, Juanita (USA) (1985)

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

	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	3.22	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)

	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)												*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	/ 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	2.02	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	10.00	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)

	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			4.47		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	/ 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		6.94	9.71	

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	/ 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		6.47	9.26	

Burchell, Remona (JAM) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time	3.1		5.2		7.2		9.3		11.48	11.48	8 / ~~4~~ 3			
reaction time 0.131	interval			2.10		2.00		2.10		2.18		# of strides			
wind 0.3 m/s	velocity	6.45		9.52		10.00		9.52		9.17	8.71	51.0			

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	/ 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		6.74	9.58	
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			
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		6.77	9.68	

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		6.90	9.90	9.71
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		6.85	9.62	9.32

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	50.5	6.93	

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		6.65	9.49	
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

Cai Yanting (CHN) (2000)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)														*Shandong Athletics Sport Science (2023)*			
date	09-Jun-23	time	2.11	3.32	4.44	5.49	6.53	7.57	8.63	9.68	10.76	11.88	11.88	7 / 2			
reaction time	0.189	interval		1.21	1.12	1.05	1.04	1.04	1.06	1.05	1.08	1.12		# of strides	4.44	3.13	3.19
wind	-0.2 m/s	velocity	4.74	8.26	8.93	9.52	9.62	9.62	9.43	9.52	9.26	8.93	8.42	51.5	6.76	9.58	9.40
Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2023)*			
date	15-Mar-23	time	2.19	3.37	4.47	5.52	6.58	7.62					7.62	5 / 2			
reaction time	0.195	interval		1.18	1.10	1.05	1.06	1.04						# of strides	4.47	3.15	
		velocity	4.57	8.47	9.09	9.52	9.43	9.62					7.87	32.7	6.71	9.52	

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 researchproject 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	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			
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	1.05	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	9.52	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	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	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	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*			
date 15-Jun-13	time		3.30		5.43		7.50		9.71		11.98	11.98	3 / 4			
reaction time 0.159	interval				2.13		2.07		2.21		2.27		# of strides			
wind -1.1 m/s	velocity		6.06		9.39		9.66		9.05		8.81	8.35				
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
date 25-Feb-12	time	2.17	3.38	4.47	5.54	6.59	7.67					7.67	1 / 7			
reaction time 0.289	interval		1.21	1.09	1.07	1.05	1.08						# of strides	4.47	3.20	
	velocity	4.61	8.26	9.17	9.35	9.52	9.26					7.82		6.71	9.38	
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	2.19	3.38	4.50	5.55	6.62	7.69					7.69	2 / 4			
reaction time 0.221	interval		1.19	1.12	1.05	1.07	1.07						# of strides	4.50	3.19	
	velocity	4.57	8.40	8.93	9.52	9.35	9.35					7.80		6.67	9.40	
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	2.15	3.37	4.53	5.59	6.68	7.75					7.75	5 / 3			
reaction time 0.190	interval		1.22	1.16	1.06	1.09	1.07						# of strides	4.53	3.22	
	velocity	4.65	8.20	8.62	9.43	9.17	9.35					7.74		6.62	9.32	

Chabrová, Marta (CZE) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time		3.37		5.54		7.66		9.85		12.10	12.10	3 / 4			
reaction time 0.162	interval				2.17		2.12		2.19		2.25		# of strides			
wind -1.3 m/s	velocity		5.93		9.22		9.43		9.13		8.89	8.26				

Chacón, Mariandre (GUA) (2004)

	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	2.21	3.44	4.54	5.61	6.65	7.70	8.76	9.84	10.93	12.06	12.06	9 / 9			
reaction time 0.171	interval		1.23	1.10	1.07	1.04	1.05	1.06	1.08	1.09	1.13		# of strides	4.54	3.16	3.23
wind 1.0 m/s	velocity	4.52	8.13	9.09	9.35	9.62	9.52	9.43	9.26	9.17	8.85	8.29	49.5	6.61	9.49	9.29

Chand, Dutee (IND) (1996)

	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	1.98	3.12	4.16	5.16	6.15	7.15	8.15	9.18	10.23	11.32	11.32	7 / 2			
reaction time 0.149	interval		1.14	1.04	1.00	0.99	1.00	1.00	1.03	1.05	1.09		# of strides	4.16	2.99	3.08
wind 0.3 m/s	velocity	5.05	8.77	9.62	10.00	10.10	10.00	10.00	9.71	9.52	9.17	8.83	55.5	7.21	10.03	9.74

Chen Yujie (CHN) (2008)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24	time	2.06	3.20	4.25	5.29	6.30	7.30	8.30	9.32	10.36	11.41	11.41	3 / 3			
reaction time 0.171	interval		1.14	1.05	1.04	1.01	1.00	1.00	1.02	1.04	1.05		# of strides	4.25	3.05	3.06
wind 0.5 m/s	velocity	4.85	8.77	9.52	9.62	9.90	10.00	10.00	9.80	9.62	9.52	8.76	55.0	7.06	9.84	9.80
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)												*Shandong Athletics Sport Science (2024)*			
date 15-Sep-24	time	2.08	3.26	4.35	5.39	6.42	7.44	8.46	9.50	10.56	11.64	11.64	5 / 3			
reaction time 0.151	interval		1.18	1.09	1.04	1.03	1.02	1.02	1.04	1.06	1.08		# of strides	4.35	3.09	3.12
wind -0.6 m/s	velocity	4.81	8.47	9.17	9.62	9.71	9.80	9.80	9.62	9.43	9.26	8.59	55.0	6.90	9.71	9.62
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24	time	2.03	3.16	4.21	5.19	6.18	7.16	8.15	9.19	10.23	11.29	11.29	4 / 1			
reaction time 0.164	interval		1.13	1.05	0.98	0.99	0.98	0.99	1.04	1.04	1.06	NU18R PB	# of strides	4.21	2.95	3.07
wind 0.9 m/s	velocity	4.93	8.85	9.52	10.20	10.10	10.20	10.10	9.62	9.62	9.43	8.86	56.0	7.13	10.17	9.77
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-Jun-24	time	2.08	3.22	4.27	5.29	6.30	7.29	8.28	9.31	10.33	11.39	11.39	5 / 1			
reaction time 0.160	interval		1.14	1.05	1.02	1.01	0.99	0.99	1.03	1.02	1.06		# of strides	4.27	3.02	3.04
wind 1.2 m/s	velocity	4.81	8.77	9.52	9.80	9.90	10.10	10.10	9.71	9.80	9.43	8.78	55.2	7.03	9.93	9.87

Cherry, Damu (USA) (1977)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 23-Sep-08	time	2.12	3.29	4.36	5.41	6.45	7.51	8.57	9.66	10.77	11.90	11.90	/ 4			
reaction time	interval		1.17	1.07	1.05	1.04	1.06	1.06	1.09	1.11	1.13		# of strides	4.36	3.15	3.26
wind -0.6 m/s	velocity	4.72	8.55	9.35	9.52	9.62	9.43	9.43	9.17	9.01	8.85	8.40		6.88	9.52	9.20

Chiori, Narita (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19	time			4.53		6.77					12.52	12.52	8 / 8			
reaction time 0.166	interval					2.24					5.75		# of strides	4.53		
wind -1.8 m/s	velocity			6.62		2.95					8.70	7.99	55.0	6.62		

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

Chivás, Silvia (CUB) (1954)

	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			7.18		9.21		11.24	11.24	6 / 3			
reaction time	interval						3.00		2.03		2.03		# of strides	4.18	3.00	
wind -0.2 m/s	velocity			7.18			10.00		9.85		9.85	8.90	52.5	7.18	10.00	

Chodorová, Simona (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.65		6.03		8.42		10.85		13.32	13.32	8 / 8			
reaction time 0.233	interval				2.38		2.39		2.43		2.47		# of strides			
wind -1.4 m/s	velocity		5.48		8.40		8.37		8.23		8.10	7.51				

Chukwuma, Rosemary (NGR) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 03-Aug-24	time	2.05	3.21	4.26	5.28	6.27	7.28	8.27	9.28	10.34	11.39	11.39	1 / 8			
reaction time 0.190	interval		1.16	1.05	1.02	0.99	1.01	0.99	1.01	1.06	1.05		# of strides	4.26	3.02	3.06
wind -0.1 m/s	velocity	4.88	8.62	9.52	9.80	10.10	9.90	10.10	9.90	9.43	9.52	8.78	52.0	7.04	9.93	9.80
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 02-Aug-24	time	2.04	3.19	4.24	5.23	6.22	7.19	8.18	9.18	10.19	11.26	11.26	5 / 3			
reaction time 0.161	interval		1.15	1.05	0.99	0.99	0.97	0.99	1.00	1.01	1.07		# of strides	4.24	2.95	3.00
wind 1.0 m/s	velocity	4.90	8.70	9.52	10.10	10.10	10.31	10.10	10.00	9.90	9.35	8.88	51.0	7.08	10.17	10.00
FINAL - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
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			
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		3.1		5.1		7.0		9.0		11.05	11.05	6 / 2			
reaction time 0.112	interval				2.00		1.90		2.00		2.05		# of strides			
wind 1.1 m/s	velocity		6.45		10.00		10.53		10.00		9.76	9.05	51.0			

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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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	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)												*Omega Timing (2024) - diamond league race analysis*			
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)												*Omega Timing (2024) - diamond league race analysis*			
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)												*Omega Timing (2023) - diamond league race analysis*			
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) *Omega Timing (2022) - diamond league race analysis*

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

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)

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

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

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

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

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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	23-Jun-01	time		3.35	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)

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

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

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

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

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
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
FINAL - 2021 Doha Diamond League (Doha, QAT)												*Omega Timing (2021) - diamond league race analysis*			
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		
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)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*Arnold (1992) - 1992 Olympic report: 100m men*			
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) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

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

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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 21-May-16	time				6.64					12.23	12.23	/ 4			
reaction time	interval									5.59		# of strides			
wind -1.8m/s	velocity				7.53					8.94	8.18				

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

date	27-Feb-16	time			4.47		7.65				7.65	/ 7		
reaction time		interval					3.18				=PB	# of strides	4.47	3.18
		velocity			6.71		9.43				7.84	32.8	6.71	9.43

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

date	27-Feb-16	time			4.48		7.65				7.65	/ 4		
reaction time		interval					3.17				PB	# of strides	4.48	3.17
		velocity			6.70		9.46				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)												*USATF Women's Sprint Development with HPC (2008)*			

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)

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

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) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2004)*

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) *USATF Women's Sprint Development (2004)*

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	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	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	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	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		# 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		# 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 Olympc 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		# 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 Olympc 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	/ 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		6.88	9.58	

Davis, Candice (USA) (1985)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 23-Sep-08 time	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)

	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	2.12	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)												*USATF Women's Sprint Development (2003)*			
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)

	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			7.20		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Memorial van damme (Brussels, BEL)												*Omega Timing (2024) - diamond league race analysis*			
date 13-Sep-24 time	1.98	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	9.90
FINAL - 2024 Weltklasse (Zürich, SUI)												*Omega Timing (2024) - diamond league race analysis*			
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	10.14
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)												*Omega Timing (2024) - diamond league race analysis*			
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	10.34
FINAL - 2024 Athletissima (Lausanne, SUI)												*Omega Timing (2024) - diamond league race analysis*			
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	10.24

FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2024) - diamond league race analysis*

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	10.27

FINAL - 2024 Seashore Doha Meeting (Doha, QAT) *Omega Timing (2024) - diamond league race analysis*

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	10.10

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

date	26-Aug-22	time		3.03		5.02		6.94		8.89		10.94	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	9.14	48.0			

Davis-Thompson, Pauline (BAH) (196

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

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

date	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)

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

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

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

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	

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

U18 FINAL - 2023 Memorial van Damme (Brussels, BEL) *Omega Timing (2023) - diamond league race analysis*

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, Ajla (SUI) (1996)

	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		3.18		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'Athlétime (Rabat, MAR) *Omega Timing (2022) - diamond league race analysis*

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

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

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

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

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

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

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

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

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) *Swiss Athletics (2016) - sprint and hurdle analysis*

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) *Swiss Athletics (2016) - sprint and hurdle analysis*

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
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	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	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	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)

FINAL - 1992 Olympic Games (Barcelona, ESP) — *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
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	/ 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	/ 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
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	/ 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
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			

Ding Chao (CHN) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) — *Shandong Athletics Sport Science (2024)*															
date 29-Jun-24	time	2.08	3.20	4.27	5.29	6.30	7.32	8.35	9.40	10.45	11.57	11.57	9 / 5		
reaction time 0.164	interval		1.12	1.07	1.02	1.01	1.02	1.03	1.05	1.05	1.12	=PB	# of strides	4.27	3.05	3.13
wind 0.9 m/s	velocity	4.81	8.93	9.35	9.80	9.90	9.80	9.71	9.52	9.52	8.93	8.64	54.0	7.03	9.84	9.58
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) — *Shandong Athletics Sport Science (2024)*															
date 28-Jun-24	time	2.10	3.23	4.30	5.33	6.35	7.36	8.38	9.41	10.48	11.57	11.57	7 / 3		
reaction time 0.157	interval		1.13	1.07	1.03	1.02	1.01	1.02	1.03	1.07	1.09	PB	# of strides	4.30	3.06	3.12
wind 1.0 m/s	velocity	4.76	8.85	9.35	9.71	9.80	9.90	9.80	9.71	9.35	9.17	8.64	55.0	6.98	9.80	9.62
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN) — *Shandong Athletics Sport Science (2024)*															
date 12-Mar-24	time	2.10	3.27	4.36	5.40	6.46	7.53				7.53	2 / 6			
reaction time 0.194	interval		1.17	1.09	1.04	1.06	1.07					# of strides	4.36	3.17	
	velocity	4.76	8.55	9.17	9.62	9.43	9.35				7.97	35.5	6.88	9.46	
FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) — *Shandong Athletics Sport Science (2024)*															
date 27-Feb-24	time		3.20	4.35	5.39	6.43	7.47				7.47	1 / 6			
reaction time	interval			1.15	1.04	1.04	1.04					# of strides	4.35	3.12	
	velocity		6.25	8.70	9.62	9.62	9.62				8.03	35.7	6.90	9.62	
Heat 1 - 2023 Chinese National Grand Prix 1 (Rizhao, CHN) — *Shandong Athletics Sport Science (2023)*															
date 26-Apr-23	time	2.07	3.23	4.34	5.40	6.44	7.49	8.53	9.65	10.78	11.97	11.97	5 / 2		
reaction time 0.172	interval		1.16	1.11	1.06	1.04	1.05	1.04	1.12	1.13	1.19		# of strides	4.34	3.15	3.29
wind -0.5 m/s	velocity	4.83	8.62	9.01	9.43	9.62	9.52	9.62	8.93	8.85	8.40	8.35	54.0	6.91	9.52	9.12
Semi-Final 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN) — *Shandong Athletics Sport Science (2023)*															
date 15-Mar-23	time	2.13	3.30	4.42	5.46	6.49	7.55				7.55	4 / 3			
reaction time 0.201	interval		1.17	1.12	1.04	1.03	1.06					# of strides	4.42	3.13	
	velocity	4.69	8.55	8.93	9.62	9.71	9.43				7.95	34.5	6.79	9.58	

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	/ 3			
reaction time	interval		1.17	1.06	1.03	1.02	1.02					# of strides	4.32	3.07	
	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	/ 2			

reaction time		interval		1.26	1.07	1.04	1.01	1.03						# of strides	4.35	3.08
		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)														*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
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
Heat 2 - 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	4.26	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
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	2.10	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

Heat 3 - 2012 Japanese National Championships (Osaka, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	08-Jun-12	time	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

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

date	04-Aug-11	time					6.45	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

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	2.08	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

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

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

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		3.48		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				

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

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	

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

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

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		3.41		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				

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	2.17	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	

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	2.13	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	

Dong Yuehua (CHN) (2002)

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

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

date	12-Mar-24	time	2.08	3.25	4.35	5.39	6.46	7.52					7.52	1 / 5			
reaction time	0.170	interval		1.17	1.10	1.04	1.07	1.06					**PB**	# of strides	4.35	3.17	
		velocity	4.81	8.55	9.09	9.62	9.35	9.43					7.98	32.0	6.90	9.46	

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

date	24-Jul-07	time			4.34			7.44		9.55		11.80	11.80	/ 1			
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) *Paris 2024 Olympc Games - Results Book (2024)*

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

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

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

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) *Federle (2003) - http://www.fgs.uni-halle.de*

date	29-Jun-91	time				4.27		7.41		9.56		11.76	11.76	/ 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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time		3.38	4.46	5.51		7.60		9.73		11.94	11.94	/ 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) *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	5.11	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) *Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*

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)

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	2.12	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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

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) *Tepper (1989) - zum entwicklungsstand und zum trainingssyste des ddr-frauenkurzsprints*

date	16-Aug-86	time				4.23		7.09		8.99		10.94	10.94	/ 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	

Droual, Laurence (FRA) (1971)

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

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)			**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			4.37			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)			**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	2.12	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	3.04
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	9.87

Durst, Stephanie (USA) (1982)			**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)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
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) *USATF Women's Sprint Development with HPC (2008)*

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	3.01
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) *USATF Women's Sprint Development with HPC (2008)*

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	3.05
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) *USATF Women's Sprint Development (2006)*

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	3.04
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	9.87

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

date	06-May-06	time	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	2.96
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)			**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	3.39	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)			**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	2.00		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) *Lyle (1990) - goodwill games women's 100m splits*

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	2.94
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) *Pascua (1990) - atletismo (I) carreras y marcha*

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			

Eddou, Hajar (MAR) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2022 Meeting International Mohammed VI d'Athlétime (Rabat, MAR)														*Omega Timing (2022) - diamond league race analysis*			
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			
wind	0.3 m/s	velocity		6.17		9.52		9.62		9.30		8.81	8.45	49.5			

Edfors, Cecilia (SWE) (1987)			**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			4.69			8.06		10.33		12.69	12.69	/ 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)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)														*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date	30-Jul-15	time			4.33	5.38	6.41	7.44	8.47	9.52	10.60	11.72	11.72	/ 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)														*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
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	9.52	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)														*Yanagiya (2014) - research on athlete performance and technique- 2014 data book*			
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			
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)			**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	2.10	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)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
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		# 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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*USATF Women's Sprint Development with HPC (2008)*			
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)														*Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data*			
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)														*USATF Women's Sprint Development (2006)*			
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 / ~~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	/ 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	

Emmanouilídou, Polyníki (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 Olympc 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*

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*

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	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	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	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	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 Olympc 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 / ~~6~~ 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 Olympc 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)												*Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m*			
date 10-Feb-96 time	2.10	3.28	4.34	5.38	6.42	7.50					7.50	/ 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)												*USATF Women's Sprint Development (1996)*			
date 15-Jun-96 time	2.21		4.30		6.30				10.26	11.26	11.26	1 / 5			
reaction time interval			2.09		2.00				3.96	1.00		# of strides	4.30		
wind 1,1 m/s velocity	4.52		9.57		10.00				10.10	10.00	8.88	51.8	6.98		

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)												*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
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)												*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
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		# of strides	4.25	2.93	3.00
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)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
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		# of strides	4.20	2.95	3.02
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)												*USATF Women's Sprint Development with HPC (2008)*			
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		# of strides	4.20	2.89	2.85
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)												*USATF Women's Sprint Development with HPC (2008)*			
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		# of strides	4.22	2.92	2.87
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)												*USATF Women's Sprint Development with HPC (2008)*			
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		# of strides	4.22	2.89	2.83
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		7.11	10.38	10.60
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
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		# of strides	4.24	2.87	2.88
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		7.08	10.45	10.42
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
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		# of strides	4.24	2.94	
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)												*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*			
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			
reaction time interval		1.14	1.02	1.00	0.97	0.97	0.96	0.98	1.00	1.03		# of strides	4.20	2.94	2.94
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		7.14	10.20	10.20

Feng Lulu (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-Feb-24 time		3.20	4.34	5.37	6.40	7.43					7.43	5 / 4			
reaction time interval			1.14	1.03	1.03	1.03						# of strides	4.34	3.09	
velocity		6.25	8.77	9.71	9.71	9.71					8.08	34.0	6.91	9.71	

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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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		# of strides	4.32	3.09	
wind -0.6 m/s velocity		6.15	9.35	9.71		9.71		9.80		9.43	8.64		6.94	9.71	

Ferguson-McKenzie, Debbie (BAH) (

	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			4.18			7.15		9.13		11.18	11.18	7 / 1			
reaction time interval						2.97		1.98		2.05		# of strides	4.18	2.97	
wind 0.2 m/s velocity			7.18			10.10		10.10		9.76	8.94		7.18	10.10	

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

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	

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

date	17-Aug-09	time	3.15	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	

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

date	16-Aug-09	time	3.15	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	

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

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	

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

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	

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

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

Ferguson, Debbie (BAH) (1976)

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

date	24-Sep-00	time		4.03		6.17	7.20	8.21	10.18	11.29	11.29	2 / ~~8~~ 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

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

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	

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN) — *Winckler (2008) - running parameters*

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	

Fermely, Francette (FRA) (1969)

		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	2.01	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	

Fiere-Cooman, Nelli (NED) (1964)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)													*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date	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	2.99
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	10.03

Finn, Michelle (USA) (1965)

		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	2.02	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	2.95
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	10.17

Finstad Busch, Karin (NOR) (1992)

		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					7.87		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				

Foesters, Lore (BEL) (2007)

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

U18 FINAL - 2023 Memorial van Damme (Brussels, BEL) *Omega Timing (2023) - diamond league race analysis*

date	08-Sep-23	time	2.06	3.26	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

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

date	21-Jun-97	time	2.11		4.37		7.50		9.61		11.76	11.76	/ 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

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

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

Semi-Final 1 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympc Games - Results Book (2024)*

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	9.97

Heat 6 - 2024 Olympic Games (Paris, FRA) *Paris 2024 Olympc Games - Results Book (2024)*

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	9.97

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

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	10.10

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

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	10.10

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

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	10.03

Forster, Viktória (SVK) (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 Olympc Games - Results Book (2024)*

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	9.74

Foster, Amy (IRL) (1988)

	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			4.32		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

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

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	9.74

Francisco, Sydney (PLW) (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	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

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

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		

wind	-0.8 m/s	velocity		6.54		10.31		10.75		10.75		10.36	9.39	50.0			

FINAL - 2022 Memorial van Damme (Brussels, BEL) *Omega Timing (2022) - diamond league race analysis*

date	02-Sep-22	time		3.06		5.00		6.85		8.74		10.74	10.74	5 / 2			
reaction time	0.136	interval				1.94		1.85		1.89		2.00		# of strides			
wind	0.6 m/s	velocity		6.54		10.31		10.81		10.58		10.00	9.31	50.0			

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2022) - diamond league race analysis*

date	10-Aug-22	time		3.04		4.97		6.83		8.69		10.62	10.62	5 / 1			
reaction time	0.134	interval				1.93		1.86		1.86		1.93		# of strides			
wind	0.4 m/s	velocity		6.58		10.36		10.75		10.75		10.36	9.42	50.0			

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

date	06-Aug-22	time		3.05		4.99		6.85		8.72		10.66	10.66	5 / 1			
reaction time	0.152	interval				1.94		1.86		1.87		1.94		# of strides			
wind	0.5 m/s	velocity		6.56		10.31		10.75		10.70		10.31	9.38	49.7			

FINAL - 2022 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.87	3.05	4.14	5.00	5.94	6.89	7.80	8.73	9.66	10.67	10.67	6 / 1			
reaction time	0.137	interval		1.18	1.09	0.86	0.94	0.95	0.91	0.93	0.93	1.01	**CR**	# of strides	4.14	2.75	2.77
wind	0.8 m/s	velocity	5.35	8.47	9.17	11.63	10.64	10.53	10.99	10.75	10.75	9.90	9.37	49.5	7.25	10.91	10.83

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

date	18-Jun-22	time		3.06		5.00		6.86		8.73		10.67	10.67	5 / 1			
reaction time	0.137	interval				1.94		1.86		1.87		1.94		# of strides			
wind	0.5 m/s	velocity		6.54		10.31		10.75		10.70		10.31	9.37	50.0			

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

date	26-Aug-21	time		3.1		5.0		6.9		8.7		10.60	10.60	4 / 1			
reaction time	0.151	interval				1.90		1.90		1.80		1.90	**PB**	# of strides			
wind	1.7 m/s	velocity		6.45		10.53		10.53		11.11		10.53	9.43	50.0			

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

date	21-Aug-21	time		3.1		5.1		6.9		8.8		10.74	10.73	4 / 2			
reaction time	0.137	interval				2.00		1.80		1.90		1.94		# of strides			
wind	0.9 m/s	velocity		6.45		10.00		11.11		10.53		10.31	9.32	50.5			

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

date	31-Jul-21	time			4.05		6.86		8.76		10.74	10.74	5 / 2				
reaction time	0.139	interval					2.81		3.88		1.98		# of strides		4.05	2.81	
wind	-0.6 m/s	velocity			7.41		10.68		5.15		10.10	9.31	50.5		7.41	10.68	

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

date	28-May-21	time		3.1		5.1		7.0		8.9		10.84	10.84	5 / 1			
reaction time	0.117	interval				2.00		1.90		1.90		1.94		# of strides			
wind	1.1 m/s	velocity		6.45		10.00		10.53		10.53		10.31	9.23	51.0			

Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR) *Omega Timing (2021) - diamond league race analysis*

date	23-May-21	time		2.9		5.0		7.1		9.2		11.62	11.62	6 / 3			
reaction time	0.126	interval				2.10		2.10		2.10		2.42		# of strides			
wind	-4.2 m/s	velocity		6.90		9.52		9.52		9.52		8.26	8.61	52.5			

FINAL - 2019 IAAF World Championships (Doha, QAT) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

date	29-Sep-19	time	1.92	3.02	4.01	4.96	5.89	6.82	7.75	8.70	9.69	10.71	10.71	6 / 1			
reaction time	0.134	interval		1.10	0.99	0.95	0.93	0.93	0.93	0.95	0.99	1.02		# of strides	4.01	2.81	2.87
wind	0.1 m/s	velocity	5.21	9.09	10.10	10.53	10.75	10.75	10.75	10.53	10.10	9.80	9.34	50.7	7.48	10.68	10.45

FINAL - 2019 Memorial van Damme (Brussels, BEL) *Omega Timing (2019) - diamond league race analysis*

date	06-Sep-19	time		3.1		5.1		7.0		8.9		10.95	10.95	5 / 2			
reaction time	0.134	interval				2.0		1.9		1.9		2.05		# of strides			
wind	-0.3 m/s	velocity		6.45		10.00		10.53		10.53		9.76	9.13	51.0			

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

date	29-Aug-11	time		3.05	4.10	5.06	6.02	6.97	7.93	8.87	9.91	10.99	10.99	3 / 4			
reaction time	0.194	interval			1.05	0.96	0.96	0.95	0.96	0.94	1.04	1.08		# of strides	4.10	2.87	2.87
wind	-1.4 m/s	velocity		6.56	9.52	10.42	10.42	10.53	10.42	10.64	9.62	9.26	9.10	50.0	7.32	10.45	10.45

Fraser, Shelly-Ann (JAM) (1986)

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

date	17-Aug-09	time		3.03	4.02	4.98		6.88		8.77		10.73	10.73	3 / 1			
reaction time	0.146	interval			0.99	0.96		1.90		1.89		1.96	**AR**	# of strides	4.02	2.86	
wind	0.1 m/s	velocity		6.60	10.10	10.42		10.53		10.58		10.20	9.32	49.6	7.46	10.49	

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

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

date	17-Aug-09	time	3.06	4.07	5.04	6.94	8.84	10.79	10.79	6 / 1			
reaction time	0.156	interval		1.01	0.97	1.90	1.90	1.95		# of strides	4.07	2.87	
wind	-0.1 m/s	velocity	6.54	9.90	10.31	10.53	10.53	10.26	9.27		7.37	10.45	

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

date	16-Aug-09	time	3.14	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	

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

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	

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

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	

Freeman, Emily (GBR) (1980)

	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	3.22	4.25	5.24	7.22	9.25	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	9.85	9.62	8.83		7.06	10.10	

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

date	07-Aug-10	time	3.39	4.48	5.54	7.67	9.81	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	9.01	8.31		6.70	9.40	

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

date	07-Aug-10	time	3.33	4.41	5.45	7.54	9.68	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	

Frey, Géraldine (SUI) (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	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

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

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

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

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

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

date	26-Aug-22	time	3.1	5.2	7.3	9.3	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			

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

date	26-Aug-21	time	3.3	5.4	7.4	9.5	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			

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

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

Fujimori, Anna (JPN) (1994)

	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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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

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) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

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

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	/ 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) *Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data*

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	/ 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

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

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time			4.57			7.97			11.50	12.76	12.76	8 / 6			
reaction time		interval						3.40			3.53	1.26		# of strides	4.57	3.40	3.53
wind	2.1 m/s	velocity			6.56			8.82			8.50	7.94	7.84	56.0	6.56	8.82	8.50

FINAL - 2019 Shimane High School Championships (Izumo, JPN) *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	25-May-19	time			4.73			8.20			11.77	13.01	13.01	3 / 7			
reaction time		interval						3.47			3.57	1.24		# of strides	4.73	3.47	3.57
wind	2.9 m/s	velocity			6.34			8.65			8.40	8.06	7.69	56.7	6.34	8.65	8.40

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 - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	2.16	3.39	4.51	5.60	6.66	7.73	8.81	9.89	11.00	12.14	12.17	4 / 6			
reaction time	0.176	interval		1.23	1.12	1.09	1.06	1.07	1.08	1.08	1.11	1.14		# of strides	4.51	3.22	3.27
wind	-0.5 m/s	velocity	4.63	8.13	8.93	9.17	9.43	9.35	9.26	9.26	9.01	8.77	8.22	50.4	6.65	9.32	9.17

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

date	28-Jun-14	time		3.58		5.93		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				

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

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.57			7.87			11.27	12.49	12.49	4 / 4			
reaction time		interval						3.30			3.40	1.22		# of strides	4.57	3.30	3.40
wind	2.3 m/s	velocity			6.56			9.09			8.82	8.20	8.01	54.7	6.56	9.09	8.82

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

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

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

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	/ 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) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

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	6 / 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			
reaction time		interval		1.13	1.04	1.01	1.00	0.99	1.00	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	1.02	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		
reaction time		interval		1.17	1.07	1.04	1.03	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		
reaction time		interval		1.14	1.04	1.01	1.00	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		
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

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	10.10

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	9.87

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	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	/ ~~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	/ 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	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	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	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	2 / ~~7~~ 6			
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			

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

date	03-Aug-22	time		3.1		5.2		7.2		9.1		11.17	11.17	5 / 3			
reaction time	0.133	interval				2.10		2.00		1.90		2.07		# of strides			
wind	1.1 m/s	velocity		6.45		9.52		10.00		10.53		9.66	8.95	53.0			

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	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	1 / 8			
reaction time 0.165 interval		1.15	1.06	1.01	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	9.90	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				
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	/ 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	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

Gao Shuting (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.22	3.42	4.54	5.64	6.73	7.84	8.96	10.10	11.28	12.42	12.42	8 / 5			
reaction time 0.217 interval		1.20	1.12	1.10	1.09	1.11	1.12	1.14	1.18	1.14		# of strides	4.54	3.30	3.44
wind -0.1 m/s velocity	4.50	8.33	8.93	9.09	9.17	9.01	8.93	8.77	8.47	8.77	8.05	50.0	6.61	9.09	8.72

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 Olympc 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	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

Gasparelli, Alessandra (SMR) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 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 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 29-Jun-24 time	2.00	3.13	4.19	5.19	6.20	7.19	8.20	9.24	10.29	11.39	11.39	7 / 3			
reaction time 0.146 interval		1.13	1.06	1.00	1.01	0.99	1.01	1.04	1.05	1.10		# of strides	4.19	3.00	3.10
wind 0.9 m/s velocity	5.00	8.85	9.43	10.00	9.90	10.10	9.90	9.62	9.52	9.09	8.78	51.0	7.16	10.00	9.68
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-Jun-24 time	2.06	3.20	4.25	5.29	6.30	7.31	8.32	9.34	10.39	11.46	11.46	6 / 2			
reaction time 0.135 interval		1.14	1.05	1.04	1.01	1.01	1.01	1.02	1.05	1.07		# of strides	4.25	3.06	3.08
wind 1.0 m/s velocity	4.85	8.77	9.52	9.62	9.90	9.90	9.90	9.80	9.52	9.35	8.73	51.5	7.06	9.80	9.74
FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)												*Shandong Athletics Sport Science (2024)*			
date 27-Feb-24 time		3.09	4.22	5.25	6.27	7.30					7.30	4 / 1			
reaction time interval			1.13	1.03	1.02	1.03						# of strides	4.22	3.08	
velocity		6.47	8.85	9.71	9.80	9.71					8.22	33.0	7.11	9.74	

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

date	27-Jun-23	time	2.05	3.18	4.24	5.24	6.26	7.25	8.27	9.29	10.36	11.44	11.44	6 / 2		
reaction time	0.173	interval		1.13	1.06	1.00	1.02	0.99	1.02	1.02	1.07	1.08		# of strides	4.24	3.01	3.11
wind	0.4 m/s	velocity	4.88	8.85	9.43	10.00	9.80	10.10	9.80	9.80	9.35	9.26	8.74	51.0	7.08	9.97	9.65

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

date	27-Jun-23	time	2.05	3.21	4.27	5.31	6.33	7.36	8.36	9.41	10.47	11.57	11.57	7 / 1		
reaction time	0.179	interval		1.16	1.06	1.04	1.02	1.03	1.00	1.05	1.06	1.10		# of strides	4.27	3.09	3.11
wind	0.3 m/s	velocity	4.88	8.62	9.43	9.62	9.80	9.71	10.00	9.52	9.43	9.09	8.64	51.7	7.03	9.71	9.65

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	3.20	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) *Jiang (2017) CAA sport science report*

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)

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

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)

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

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)

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

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

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

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	46.0	7.30	10.24	

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

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

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

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08 time	2.16	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)

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

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

Godbless, Tima (NGR) (2004)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 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) - geschindigkeitsdynamik von sprintern 100m-lauf beir 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)

	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	2.18	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	9.52	9.62	9.17	8.93	9.09	8.34		6.71	9.46	9.23

Graham, Nolle (USA) (1981)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	10.76	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 (Indianaplis, 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 (Indianaplis, IN) *Veney - Split times from PJ*

date	16-Jul-88	time			4.09	5.05	5.97	6.87	7.76	8.66	9.56	10.49	10.49	5 / 1			
reaction time		interval				0.96	0.92	0.90	0.89	0.90	0.90	0.93	**WR**	# of strides	4.09	2.78	2.69
wind	0.0 m/s	velocity			9.78	10.42	10.87	11.11	11.24	11.11	11.11	10.75	9.53	47.5	7.33	10.79	11.15

Grønneberg, Alvilde (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	

Grønnhaug, 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	1.01	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)												*Omega Timing (2023) - diamond league race analysis*			
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) *Omega Timing (2022) - diamond league race analysis*

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

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

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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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 0.151	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) *Omega Timing (2020) - diamond league race analysis*

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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.40	4.49	5.55	7.64	9.76	11.95	11.95	/ 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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.38	4.47	5.52	7.60	9.71	11.87	11.87	/ 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)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

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

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

Hajime, Chinatsu (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 25-May-19	time			4.70		8.20			11.70	12.95	12.95	8 / 6			
reaction time	interval					3.50			3.50	1.25		# of strides	4.70	3.50	3.50
wind 2.9 m/s	velocity			6.38		8.57			8.57	8.00	7.72	56.7	6.38	8.57	8.57

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

Hamann, Monika (GDR) (1954)

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

FINAL - 1977 East German National Championships (Dresden, GDR) *Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	01-Jul-77	time	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) *Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	25-Jun-77	time	4.22	7.22	9.22	11.28	11.28	/ 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) *Heß (1978) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*

date	20-Jul-73	time	4.26	7.30	9.32	11.45	11.45	/ 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)

	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	2.30	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	
		velocity	4.35	8.26	9.09	9.01	8.93	8.85			7.53		6.51	8.93	

Hamrén, Malin (SWE) (1986)

	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			4.64			8.08		10.45	12.89	12.89	/ 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)

	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	2.00	3.17	4.25	5.29	6.33	7.36	8.41	9.49	10.59	11.72	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)

	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			4.41			7.55		9.64	11.85	11.85	/ 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) *(2008) - www.ssg.se/en/Windsprint/Split-times/*

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)

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

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

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

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

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

date	14-Jun-09	time		3.17	4.22	5.23		7.26		9.35	11.47	11.47	/ 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)

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

Hässel, 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)												*(2015) - www.windsprint/Splittider/*			
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)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
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	

Hata, Kokomi (JPN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time			4.40		7.60			10.93	12.11	12.11	7 / 2			
reaction time	interval					3.20			3.33	1.18		# of strides	4.40	3.20	3.33
wind 1.2 m/s	velocity			6.82		9.38			9.01	8.47	8.26	54.5	6.82	9.38	9.01
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22	time			4.52		7.87			11.45	12.72	12.72	6 / 4			
reaction time	interval					3.35			3.58	1.27		# of strides	4.52	3.35	3.58
wind 0.5 m/s	velocity			6.64		8.96			8.38	7.87	7.86	54.0	6.64	8.96	8.38

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)												*Omega Timing (2023) - diamond league race analysis*			
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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16	time			4.50		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	

Hayashibara, Hikari (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time			4.68		8.07			11.67	12.90	12.90	8 / 6			
reaction time	interval					3.39			3.60	1.23		# of strides	4.68	3.39	3.60
wind 1.2 m/s	velocity			6.41		8.85			8.33	8.13	7.75	57.0	6.41	8.85	8.33

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)												*Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			

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)												*Omega Timing (2023) - continental tour race analysis*			
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		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)												*European Athletics (2019) - race analysis*			
date 09-Sep-19 time					6.48					11.53	11.53	2 / 5			
reaction time 0.138										5.05		# of strides			
wind -0.8 m/s velocity					7.72					9.90	8.67	51.0			

Hendriks, Kiki (NED) (2000) (T62)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)												*Omega Timing (2023) - diamond league race analysis*			
date 17-Sep-23 time	2.49	3.87	5.10	6.27	7.41	8.53	9.65	10.78	11.92	13.10	13.10	6 / 3			
reaction time 0.134		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)

	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	3.20	4.24	5.23	6.22	7.20	8.19	9.18	10.18	11.23	11.23	4 / 1			
reaction time 0.175		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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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		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)												*Omega Timing (2024) - diamond league race analysis*			
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		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)												*Omega Timing (2021) - diamond league race analysis*			
date 04-Jul-21 time		3.3		5.4		7.5		9.6		11.66	11.66	1 / 5			
reaction time 0.171				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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date 24-Jul-07 time			4.51			7.77		9.95		12.20	12.20	/ 6			
reaction time						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)

	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	2.12	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		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)												*Omega Timing (2024) - diamond league race analysis*			
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		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)												*Omega Timing (2021) - diamond league race analysis*			
date 23-May-21 time		3.0		5.2		7.3		9.5		11.95	11.95	2 / 6			
reaction time 0.135				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)

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

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)

	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			4.64			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)

	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	1.94		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) — *USATF Women's Sprint Development (1996)*

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) — *Lyle - miscellaneous coaching notes*

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				

Hino, Ayaka (JPN)

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

FINAL - 2019 Shimane High School Championships (Izumo, JPN) — *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	25-May-19	time			4.67			8.09			11.53	12.77	12.77	5 / 4			
reaction time		interval						3.42			3.44	1.24		# of strides	4.67	3.42	3.44
wind	2.9 m/s	velocity			6.42			8.77			8.72	8.06	7.83	54.3	6.42	8.77	8.72

FINAL - 2018 Shimane High School Championships (Izumo, JPN) — *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	26-May-18	time			4.67			8.07			11.55	12.75	12.75	1 / 7			
reaction time		interval						3.40			3.48	1.20		# of strides	4.67	3.40	3.48
wind	1.8 m/s	velocity			6.42			8.82			8.62	8.33	7.84	53.0	6.42	8.82	8.62

Hirosawa, Mae (JPN) (1997)

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

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	2.08	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)

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

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

date	28-Jul-13	time			4.46			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) — *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

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

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)

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

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

date	28-Jun-14	time	2.21	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) — *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

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)			**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)														*Omega Timing (2024) - diamond league race analysis*			
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)														*Omega Timing (2023) - diamond league race analysis*			
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, SUI)														*Omega Timing (2023) - diamond league race analysis*			
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)														*Omega Timing (2022) - diamond league race analysis*			
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, SUI)														*Omega Timing (2022) - diamond league race analysis*			
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)														*Omega Timing (2022) - diamond league race analysis*			
date	10-Aug-22	time		3.12		5.08		6.96		8.86		10.81	10.81	6 / 4			
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)														*Omega Timing (2022) - diamond league race analysis*			
date	06-Aug-22	time		3.14		5.13		7.02		8.94		10.94	10.94	6 / 2			
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)														*Omega Timing (2020) - diamond league race analysis*			
date	17-Sep-20	time		3.2		5.2		7.2		9.1		11.12	11.12	4 / 2			
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)														*Omega Timing (2019) - diamond league race analysis*			
date	06-Sep-19	time		3.2		5.2		7.2		9.2		11.29	11.29	2 / 6			
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)														*Omega Timing (2019) - diamond league race analysis*			
date	24-Aug-19	time					6.2					11.16	11.16	7 / 5			
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)			**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 Olympc Games - Results Book (2024)*			
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			
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)														*Paris 2024 Olympc Games - Results Book (2024)*			
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			
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)														*Omega Timing (2024) - diamond league race analysis*			
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			
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)														*Omega Timing (2023) - diamond league race analysis*			
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			
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) *Omega Timing (2023) - diamond league race analysis*

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

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

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

date	03-Aug-22	time	3.1		5.1		7.1		9.1		11.19	11.19	7 / ~~6~~ 5
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

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time	3.1		5.1		7.0		9.0		11.15	11.15	6 / 2
reaction time	0.144	interval			2.00		1.90		2.00		2.15		# of strides
wind	0.0 m/s	velocity	6.45		10.00		10.53		10.00		9.30	8.97	50.2

FINAL - 2022 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.96	3.12	4.24	5.18	6.10	7.05	8.00	8.94	9.94	10.93	10.92	7 / 6			
reaction time	0.145	interval		1.16	1.12	0.94	0.92	0.95	0.95	0.94	1.00	0.99		# of strides	4.24	2.81	2.89
wind	0.8 m/s	velocity	5.10	8.62	8.93	10.64	10.87	10.53	10.53	10.64	10.00	10.10	9.16	50.2	7.08	10.68	10.38

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

date	18-Jun-22	time	3.14		5.15		7.09		9.06		11.10	11.10	1 / 6
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

Hodge, Virgil (SKN) (1983)

	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	3.25	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)

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

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

date	28-Jun-14	time	2.18	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) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

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

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)

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

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

date	25-Jul-09	time			4.99		8.67		10.95		13.40	13.40	/ 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)

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

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

date	28-Jun-14	time	2.21	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) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 IAAF World Championships (Daegu, KOR)												*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
date	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	10.10
FINAL - 2008 IAAF World Athletics Final (Stuttgart, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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	10.60
Semi-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
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	10.49
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development (2005)*			
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)												*USATF Women's Sprint Development (2005)*			
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)												*USATF Women's Sprint Development (2005)*			
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)												*USATF Women's Sprint Development (2004)*			
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 / ~~6~~ 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)												*USATF Women's Sprint Development (2004)*			
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)

	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			4.51		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	

Hrïvnová, Pavla (CZE) (1986)

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

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

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

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

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	2.05	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 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.08	3.21	4.27	5.31	6.30	7.30	8.33	9.36	10.41	11.48	11.48	7 / 4			
reaction time	0.184	interval		1.13	1.06	1.04	0.99	1.00	1.03	1.03	1.05	1.07		# of strides	4.27	3.03	3.11
wind	0.4 m/s	velocity	4.81	8.85	9.43	9.62	10.10	10.00	9.71	9.71	9.52	9.35	8.71	49.0	7.03	9.90	9.65

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.09	3.25	4.30	5.32	6.35	7.34	8.35	9.37	10.41	11.50	11.50	6 / 1			
reaction time	0.189	interval		1.16	1.05	1.02	1.03	0.99	1.01	1.02	1.04	1.09		# of strides	4.30	3.04	3.07
wind	1.4 m/s	velocity	4.78	8.62	9.52	9.80	9.71	10.10	9.90	9.80	9.62	9.17	8.70	49.5	6.98	9.87	9.77

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

date	26-May-23	time	2.08	3.25	4.35	5.38	6.42	7.42	8.46	9.52	10.60	11.71	11.71	3 / 2			
reaction time	0.179	interval		1.17	1.10	1.03	1.04	1.00	1.04	1.06	1.08	1.11		# of strides	4.35	3.07	3.18
wind	-1.0 m/s	velocity	4.81	8.55	9.09	9.71	9.62	10.00	9.62	9.43	9.26	9.01	8.54	52.0	6.90	9.77	9.43

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	2.10	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)												*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	2.15	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

Huang Meixia (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2023)*			
date	15-Mar-23	time	2.13	3.27	4.34	5.35	6.36	7.39				7.39	6 / 1				
reaction time	0.241	interval		1.14	1.07	1.01	1.01	1.03					# of strides	4.34	3.05		
		velocity	4.69	8.77	9.35	9.90	9.90	9.71				8.12	33.5	6.91	9.84		
A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)													*Shandong Athletics Sport Science (2023)*				
date	28-Feb-23	time	2.12	3.25	4.30	5.33	6.34	7.40				7.40	4 / 1				
reaction time	0.180	interval		1.13	1.05	1.03	1.01	1.06					# of strides	4.30	3.10		
		velocity	4.72	8.85	9.52	9.71	9.90	9.43				8.11	31.7	6.98	9.68		
Heat 6 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)													*Shandong Athletics Sport Science (2023)*				
date	25-Feb-23	time	2.00	3.19	4.27	5.28	6.31	7.40				7.40	4 / 1				
reaction time	0.171	interval		1.19	1.08	1.01	1.03	1.09				PB	# of strides	4.27	3.13		
		velocity	5.00	8.40	9.26	9.90	9.71	9.17				8.11		7.03	9.58		

Huang Shuping (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)												*Shandong Athletics Sport Science (2023)*			

date	02-Jun-23	time	2.10	3.23		5.34	6.38	7.42	8.47	9.55	10.65	11.79	11.79	6 / 4		
reaction time	0.238	interval		1.13		2.11	1.04	1.04	1.05	1.08	1.10	1.14		# of strides		3.23
wind	-0.2 m/s	velocity	4.76	8.85		9.48	9.62	9.62	9.52	9.26	9.09	8.77	8.48	54.0		9.29

Huang Ziting (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2024)*			
date 31-Mar-24 time	2.18	3.32	4.40	5.45	6.46	7.53					7.53	2 / 2			
reaction time 0.200 interval		1.14	1.08	1.05	1.01	1.07						# of strides	4.40	3.13	
velocity	4.59	8.77	9.26	9.52	9.90	9.35					7.97	32.5	6.82	9.58	

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 - Heat 2 - 2021 Athletissima (Lausanne, SUI)												*Omega Timing (2021) - diamond league race analysis*			
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		# 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)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10 time			4.52			7.69		9.82		12.05	12.05	/ 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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.45			7.71					7.71	/ 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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.43			7.67					7.67	/ 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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.53			7.78					7.78	/ 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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Omega Timing (2024) - diamond league race analysis*			
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	3.03
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	9.90
FINAL - 2024 Seashore Doha Meeting (Doha, QAT)												*Omega Timing (2024) - diamond league race analysis*			
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	2.94
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	10.27	10.20

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

Hyche, Holli (USA) (1971)

	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	2.07		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	4.24		
wind	0.2 m/s	velocity	4.83		9.22	10.20			9.78	8.93	8.76	48.8	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
Prelim 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*			
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			
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	9.52	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

Idoabigeiru, 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	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	

Iguchi, Ayami (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date	25-May-19	time			4.60		8.00			11.50	12.79	12.79	9 / 5			
reaction time		interval					3.40			3.50	1.29		# of strides	4.60	3.40	3.50
wind	2.9 m/s	velocity			6.52		8.82			8.57	7.75	7.82	55.0	6.52	8.82	8.57

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	8.82		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

Imali, Maximilia (KEN) (1996)

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

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

date	03-Aug-22	time		3.2		5.2		7.2		9.2		11.35	11.35	7 / 5			
reaction time	0.173	interval				2.00		2.00		2.00		2.15		# of strides			
wind	1.1 m/s	velocity		6.25		10.00		10.00		10.00		9.30	8.81	51.0			

Impens, Ine (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	2.13	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

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

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

date	17-Jun-12	time			4.65			7.99		10.23		12.54	12.54	/ 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	/ 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	

Ishibashi, Nozomi (JPN)

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

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time			4.68			8.08			11.60	12.87	12.87	9 / 6			
reaction time		interval						3.40			3.52	1.27		# of strides	4.68	3.40	3.52
wind	0.5 m/s	velocity			6.41			8.82			8.52	7.87	7.77	57.5	6.41	8.82	8.52

Ishida, Akane (JPN) (1992)

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

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	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

FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

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		
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	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) *Kobayashi (2020) - national high school and U20 national championhsips*

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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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

Ishikawa, Yuki (JPN)

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

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time			4.60			7.87				12.39	12.39	6 / 1		
reaction time		interval						3.27				4.52		# of strides	4.60	3.27	
wind	-0.5 m/s	velocity			6.52			9.17				8.85	8.07	56.5	6.52	9.17	

Ishikura, Tamaki (JPN) (2005)

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

FINAL - 2023 Shimane High School Championships (Izumo, JPN) *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.50			7.78			11.12	12.32	12.32	7 / 3		
reaction time		interval						3.28			3.34	1.20		# of strides	4.50	3.28	3.34
wind	2.1 m/s	velocity			6.67			9.15			8.98	8.33	8.12	54.2	6.67	9.15	8.98

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.53			7.77			11.12	12.28	12.28	3 / 1		
reaction time		interval						3.24			3.35	1.16		# of strides	4.53	3.24	3.35
wind	2.3 m/s	velocity			6.62			9.26			8.96	8.62	8.14	55.0	6.62	9.26	8.96

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

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

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

date	30-Jul-16	time	3.21	4.38	5.45	6.49	7.57	8.64	9.72		11.98	11.98	/ 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)

FINAL - 2007 Japanese National High School Championships (Saga, JPN) *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 03-Aug-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)

Semi-Final 2 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *USATF Women's Sprint Development (2005)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *USATF Women's Sprint Development (2004)*

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

U20 FINAL - 2020 Millrose Games (New York, NY) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 08-Feb-20 time	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	1.02	1.00						# of strides	4.36	3.04	
velocity	4.52	8.93	9.71	9.80	9.80	10.00					8.11		6.88	9.87	

Jackson, Shericka (JAM) (1994)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 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) *Omega Timing (2023) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 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) *Omega Timing (2023) - diamond league race analysis*

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

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 08-Sep-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			

FINAL - 2022 Memorial van Damme (Brussels, BEL) *Omega Timing (2022) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 02-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			

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

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

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2022) - diamond league race analysis*

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

FINAL - 2022 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 18-Jul-22 time	1.91	3.06	4.16	5.08	6.01	6.92	7.88	8.84	9.80	10.73	10.73	3 / 2			

reaction time	0.134	interval		1.15	1.10	0.92	0.93	0.91	0.96	0.96	0.96	0.93	PB	# of strides	4.16	2.76	2.88
wind	0.8 m/s	velocity	5.24	8.70	9.09	10.87	10.75	10.99	10.42	10.42	10.42	10.75	9.32	47.5	7.21	10.87	10.42

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

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			

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

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			

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

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			

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		10.76	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			

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

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	

Jackson-Small, Grace (JAM) (1961)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1988 Olympic Games (Seoul, KOR)												*Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988*			
date 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
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	2.09	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

Jacobs, Simmone (GBR) (1966)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	2.03		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	

Jacques-Sébastien, Lina (FRA) (1985)

	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		3.28	4.35	5.39		7.44		9.55		11.69	11.69	/ 9			
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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	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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time		3.35		5.55		7.71		9.91		12.17	12.17	4 / 1			
reaction time 0.101	interval				2.20		2.16		2.20		2.26		# of strides			
wind -0.1 m/s	velocity		5.97		9.09		9.26		9.09		8.85	8.22				
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time		3.38		5.56		7.69		9.90		12.19	12.19	2 / 5			
reaction time 0.153	interval				2.18		2.13		2.21		2.29		# of strides			
wind -1.3 m/s	velocity		5.92		9.17		9.39		9.05		8.73	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)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 17-Jun-12	time			4.61			7.86		10.05		12.33	12.33	/ 2			
reaction time	interval						3.25		2.19		2.28		# of strides	4.61	3.25	

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

wind	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)														*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	14-Jun-09	time		3.30	4.38	5.42		7.49		9.62		11.80	11.80	/ 4			
reaction time	0.193	interval			1.08	1.04		2.07		2.13		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		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)														*Paris 2024 Olympc Games - Results Book (2024)*			
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	10.34
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympc Games - Results Book (2024)*			
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	10.17
Heat 3 - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympc Games - Results Book (2024)*			
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	10.34
FINAL - 2024 Prefontaine Classic (Eugene, OR)														*Omega Timing (2024) - diamond league race analysis*			
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	10.20
FINAL - 2023 London Athletics Meet (London, GBR)														*Omega Timing (2023) - diamond league race analysis*			
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	10.20
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)														*Omega Timing (2022) - diamond league race analysis*			
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			
FINAL - 2022 World Athletics Championships (Eugene, OR)														*Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*			
date	18-Jul-22	time	1.92	3.11	4.21	5.20	6.14	7.09	8.05	9.07	10.05	11.04	11.03	2 / 8			
reaction time	0.136	interval		1.19	1.10	0.99	0.94	0.95	0.96	1.02	0.98	0.99		# of strides	4.21	2.88	2.96
wind	0.8 m/s	velocity	5.21	8.40	9.09	10.10	10.64	10.53	10.42	9.80	10.20	10.10	9.07	51.7	7.13	10.42	10.14

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)														*(2014) - www.ssg.se/windsprint/Splittider/*			
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		# 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) (19			**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	2.18	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		# 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**
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		# 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**
FINAL - 2011 IAAF World Championships (Daegu, KOR)														*KSSB (2011) - biomechanical researchproject 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 / ~~6~~ 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**

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 / ~~1~~			
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 (Sacrmento, CA) *USATF Women's Sprint Development (2004)*

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) *USATF Women's Sprint Development (2004)*

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) *USATF Women's Sprint Development (2004)*

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) *Veney - split times from PJ*

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) *Veney - Sydney 100m women's splits*

date	24-Sep-00	time	1.83		3.93		5.96	6.90	7.85		9.76	10.75	10.87	5 / ~~1~~			
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) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time		3.05	4.05	5.02	5.96	6.90		8.80		10.78	10.78	/ ~~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) *Lyle - miscellaneous coaching notes*

date	15-Jul-00	time	2.01		4.14		6.01	6.92			9.84	10.88	10.88	/ 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) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

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

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			
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) *USATF Women's Sprint Development (1996)*

date	28-Jun-96	time	2.13		4.36		6.27	7.27			10.49	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) *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

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) *USATF Women's Sprint Development (2004)*

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

date	14-Jun-09	time		3.11	4.14	5.14		7.11		9.16		11.23	11.23	/ 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	

Jong, Fleur (NED) (1995) (T62)

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

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

date	17-Sep-23	time	2.51	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)

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

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

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)

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

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

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

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

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)

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

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

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)

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

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

date	28-Jun-14	time	2.27	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) — *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

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)

	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	2.18	3.35	4.43	5.49	6.53	7.58	8.63	9.69	10.77	11.87	11.87	/ 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

Kageyama, Sakiho (JPN) (2002)

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

FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) — *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	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) — *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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) — *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

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) — *Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*

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

Kakuhashi, Kanan (JPN)

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

FINAL - 2021 Shimane High School Championships (Izumo, JPN) — *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time			4.58			7.87			11.23	12.42	12.42	6 / 3			
reaction time		interval						3.29			3.36	1.19		# of strides	4.58	3.29	3.36
wind	2.3 m/s	velocity			6.55			9.12			8.93	8.40	8.05	52.0	6.55	9.12	8.93

FINAL - 2019 Shimane High School Championships (Izumo, JPN) — *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

date	25-May-19	time			4.83			8.37			12.03	13.30	13.30	2 / 8			
reaction time		interval						3.54			3.66	1.27		# of strides	4.83	3.54	3.66
wind	2.9 m/s	velocity			6.21			8.47			8.20	7.87	7.52	53.5	6.21	8.47	8.20

Kambundji, Mujinga (SUI) (1992)

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

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

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

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

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

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

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

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

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

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 World Athletics Championships (Eugene, OR) — *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.94	3.07	4.13	5.13	6.04	7.03	7.98	8.93	9.93	10.91	10.91	1 / 5			
reaction time	0.122	interval		1.13	1.06	1.00	0.91	0.99	0.95	0.95	1.00	0.98		# of strides	4.13	2.90	2.90
wind	0.8 m/s	velocity	5.15	8.85	9.43	10.00	10.99	10.10	10.53	10.53	10.00	10.20	9.17	52.0	7.26	10.34	10.34

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

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

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

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

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

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) *Swiss Athletics (2016) - sprint and hurdle analysis*

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) *Swiss Athletics (2016) - sprint and hurdle analysis*

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)

	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) *Swiss Athletics (2016) - sprint and hurdle analysis*

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)

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

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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)

	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			4.45		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) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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

Kaneko, Akira (JPN)

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

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time			4.57			7.90			11.37	12.56	12.56	3 / 4			
reaction time		interval						3.33			3.47	1.19		# of strides	4.57	3.33	3.47
wind	1.2 m/s	velocity			6.56			9.01			8.65	8.40	7.96	59.0	6.56	9.01	8.65

Karastamáti, María (GRE) (1984)

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

FINAL - 2005 European U23 Championships (Erfurt, GER) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	16-Aug-05	time	3.17	4.19	5.17		7.08		9.02		11.03	11.03	/ 1			
reaction time	0.187	interval		1.02	0.98		1.91		1.94		2.01	**CR / PB**	# of strides	4.19	2.89	
wind	1.5 m/s	velocity	6.31	9.80	10.20		10.47		10.31		9.95	9.07		7.16	10.38	

Kasprzyk, Ewa (POL) (1957)

	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	2.09	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)

	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			4.40		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		

Kato, Ryuna (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24 time			4.67			8.15			11.87	13.14	13.14	2 / 8			
reaction time						3.48			3.72	1.27		# of strides	4.67	3.48	3.72
wind 1.2 m/s velocity			6.42			8.62			8.06	7.87	7.61	56.2	6.42	8.62	8.06

Kato, Shiori (JPN) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20 time	2.11	3.33	4.44	5.52	6.57	7.63	8.71	9.80	10.94	12.11	12.11	8 / 5			
reaction time 0.147 interval		1.22	1.11	1.08	1.05	1.06	1.08	1.09	1.14	1.17		# of strides	4.44	3.19	3.31
wind -0.5 m/s velocity	4.74	8.20	9.01	9.26	9.52	9.43	9.26	9.17	8.77	8.55	8.26	51.8	6.76	9.40	9.06

Katsura, Yuliya (RUS) (1983)

	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			4.36			7.46		9.55		11.78	11.78	6 / 7			
reaction time						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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)												*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-15 time			4.40	5.48	6.51	7.60	8.68	9.78	10.89	12.04	12.04	/ 7			
reaction time				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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date 28-Jun-09 time	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		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	9.62	9.52	9.35	9.26	9.01	8.50	51.5	6.93	9.62	9.38

Kawasaki, Aoi (JPN) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Japanese National High School Championships (Nara, JPN)												*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-09 time			4.35	5.41	6.45	7.53	8.61	9.71		11.98	11.98	2 / 8			
reaction time				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	

Kazuka, Esumi (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23 time			4.48			7.77			11.18	12.40	12.40	5 / 4			
reaction time						3.29			3.41	1.22		# of strides	4.48	3.29	3.41
wind 2.1 m/s velocity			6.70			9.12			8.80	8.20	8.06	52.5	6.70	9.12	8.80

Keller, Charlène (SUI) (1994)

	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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.45			7.59					7.59	/ 6			
reaction time						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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.47			7.60					7.60	/ 3			
reaction time						3.13						# of strides	4.47	3.13	
velocity			6.71			9.58					7.89		6.71	9.58	

Keller, Melanie (SUI) (1994)

	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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.66			7.93					7.93	/ 8			
reaction time						3.27						# of strides	4.66	3.27	
velocity			6.44			9.17					7.57		6.44	9.17	

Kelly, Sabrina (USA) (1975)

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, GER) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	2.05		4.31		6.31			10.39	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) *Lyle - miscellaneous coaching notes*

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

Kemppinen, Lotta (FIN) (1998)

	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	2.05	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)

	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	2.34	3.52	4.60	5.66	6.78	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	

Khabarova, Irina (RUS) (1966)

	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		3.28	4.33	5.34		7.35		9.40		11.51	11.51	/ 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)

	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 Olympc Games - Results Book (2024)*

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)

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

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

date	16-Aug-09	time		3.15	4.20	5.22		7.27		9.31		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)

	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			4.61			7.81		9.99		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)

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

Heat 3 - 2013 Japanese National Championships (Chofu, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	07-Jun-13	time	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) *Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics*

date	04-Aug-11	time					6.50	7.55	8.63	9.73	10.86	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) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time			4.30	5.36	6.40	7.43	8.53	9.60		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)

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

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

date	07-Aug-02	time		3.18	4.24	5.26		7.27		9.33		11.49	11.49	/ 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) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.18	4.23	5.24		7.25		9.30		11.45	11.45	/ 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) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	23-Jun-01	time		3.19	4.23	5.23		7.20		9.18		11.23	11.23	/ 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)

			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	2.04	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)														*Matsuo (2014) - research on athlete performance and technique- 2014 data book*			
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)														*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
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)														*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*			
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
Heat 2 - 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	2.03	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
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	2.03	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
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	2.01	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
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	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
Heat 1 - 2006 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system*			
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

Kloster, Line (NOR) (1990)

			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	2.09	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

Klüft, Carolina (SWE) (1983)

			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			4.40			7.49		9.54		11.68	11.68	/ 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	

Kokkonen, Jenna (FIN) (2001)

			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	2.13	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	1.05	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

Knight, Bianca (USA) (1989)			**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	2.14	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
Quarter-Final 2 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
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
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)														*USATF Women's Sprint Development with HPC (2008)*			
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
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)														*USATF Women's Sprint Development (2006)*			
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)														*Kishima (2022) - national high school championships biomechanics data collection*			
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)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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)														*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
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 trainingssyste des ddr-frauenkurzsprints*			
date	08-Jun-83	time			4.11			6.97		8.88		10.83	10.83	/ 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)														*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*			
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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	/ 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	9.52	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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	05-Jun-10	time		3.29	4.34	5.36		7.43		9.54		11.71	11.71	/ 7			
reaction time		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) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	07-Aug-02	time		3.17	4.22	5.23		7.25		9.30		11.44	11.44	/ 5			
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) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	06-Aug-02	time		3.21	4.26	5.28		7.30		9.37		11.51	11.51	/ 2			
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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	06-Aug-10	time		3.45	4.55	5.61		7.72		9.88		12.07	12.07	/ 4			
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) *Kishima (2022) - national high school championships biomechanics data collection*

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	3.30
wind	-0.6 m/s	velocity	4.78	8.33	9.09	9.35	9.35	9.35	9.17	9.17	8.93	8.85	8.31	55.0	6.83	9.35	9.09

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

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	2.97
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	10.24	10.10

FINAL - 2024 FBK Games (Hengelo, NED) *Omega Timing (2024) - continental tour gold race analysis*

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	3.08
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	9.87	9.74

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

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	3.05
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	9.84

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

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	3.04
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	10.07	9.87

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

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	3.02
wind	0.5 m/s	velocity	4.88	9.01	9.52	10.10	10.20	10.20	10.10	9.90	9.80	9.71	8.92		7.13	10.17	9.93

FINAL - 1980 Olympic Games (Moscow, URS) — *Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016*

date	26-Jul-80	time						7.11				11.06	11.06	5 / 1			
reaction time	0.155	interval										3.95		# of strides			
wind	1.0 m/s	velocity						8.44				10.13	9.04	51.2			

Kong Lingyao (CHN) (1997)

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

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

date	15-Sep-24	time	2.06	3.20	4.27	5.31	6.33	7.34	8.36	9.40	10.49	11.59	11.59	9 / 8			
reaction time	0.159	interval		1.14	1.07	1.04	1.02	1.01	1.02	1.04	1.09	1.10	PB	# of strides	4.27	3.07	3.15
wind	0.5 m/s	velocity	4.85	8.77	9.35	9.62	9.80	9.90	9.80	9.62	9.17	9.09	8.63	50.0	7.03	9.77	9.52

Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN) — *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.10	3.26	4.35	5.38	6.41	7.42	8.44	9.49	10.54	11.62	11.62	9 / 4			
reaction time	0.159	interval		1.16	1.09	1.03	1.03	1.01	1.02	1.05	1.05	1.08		# of strides	4.35	3.07	3.12
wind	0.7 m/s	velocity	4.76	8.62	9.17	9.71	9.71	9.90	9.80	9.52	9.52	9.26	8.61	50.2	6.90	9.77	9.62

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

date	26-Apr-23	time	2.07	3.24	4.39	5.45	6.50	7.55	8.60	9.70	10.78	11.94	11.94	6 / 1			
reaction time	0.156	interval		1.17	1.15	1.06	1.05	1.05	1.05	1.10	1.08	1.16		# of strides	4.39	3.16	3.23
wind	-0.5 m/s	velocity	4.83	8.55	8.70	9.43	9.52	9.52	9.52	9.09	9.26	8.62	8.38	52.0	6.83	9.49	9.29

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

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	3.01
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	9.97

B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI) — *Omega Timing (2024) - diamond league race analysis*

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

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

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

date	26-Aug-22	time		3.2		5.3		7.3		9.3		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) — *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time		3.2		5.3		7.3		9.4		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) — *Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time		3.3		5.3		7.2		9.1		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) — *Omega Timing (2021) - diamond league race analysis*

date	04-Jul-21	time		3.2		5.3		7.3		9.3		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) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	21-May-16	time		6.49			11.76	11.76	/ 1	
reaction time		interval					5.27		# of strides	
wind	-1.8m/s	velocity		7.70			9.49	8.50		

FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	07-May-16	time		6.34			11.49	11.49	/ 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) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	27-Feb-16	time	4.38		7.39			7.39	/ 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) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	27-Feb-16	time	4.42		7.47			7.47	/ 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)												*Omega Timing (2022) - diamond league race analysis*			
date 26-Aug-22	time	3.2		5.3		7.4		9.5		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) *Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time	3.3		5.4		7.5		9.6		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)												*Butler (2013) - IAAF world championships statistics handbook- moscow 2013*			
date 27-Aug-91	time				6.07					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	/ 2			
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	60-90m
FINAL - 2020 Memorial Van Damme (Brussels, BEL)												*Omega Timing (2020) - diamond league race analysis*			
date 04-Sep-20	time	3.3		5.4		7.4		9.5		11.58	11.58	8 / 4			
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	60-90m
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.36		5.55		7.70		9.95		12.27	12.27	2 / 5			
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	60-90m
B 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	/ 1				
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	60-90m
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.57		5.85		8.07		10.30		12.73	12.73	8 / 7			
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	60-90m
Heat 2 - 2014 Czech Republic National U20 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	3.62		5.97		8.28		10.63		13.03	13.03	6 / 4			
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	60-90m
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	2.08	3.33	4.47	5.58	6.67	7.76	8.86	9.97	11.10	12.24	12.24	7 / 2			
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	54.5	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	60-90m
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	3.26	4.35	5.42	6.47	7.54	8.61	9.70	10.81	11.95	11.95	/ 1			
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	60-90m
U18 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	4 / 1			
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	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
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	2 / 3			
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	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19 time			4.50		6.68					12.28	12.28	2 / 4			
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	60-90m
FINAL - 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	5 / 1			
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

Kurimoto, Kayoko (JPN) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date 29-Apr-08 time	2.10	3.30	4.39	5.44	6.49	7.54	8.61	9.70	10.81	11.94	11.94	/ 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)

	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		3.17	4.21	5.21		7.22		9.29		11.41	11.41	/ 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2020) - diamond league race analysis*			
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)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
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			
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)												*Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date 03-Mar-13 time		3.13		5.16		7.12					7.12	6 / 4			
reaction time 0.152 interval				2.03		1.96					**PB**	# of strides			
velocity		6.39		9.85		10.20					8.43	32.0			
FINAL - 2011 IAAF World Championships (Daegu, KOR)												*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
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) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

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

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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-24	time	2.04	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) *Paris 2024 Olympc Games - Results Book (2024)*

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	10.42	10.20	10.20	10.00	9.01	47.0	7.06	10.24	10.27

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

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

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

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

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

Semi-Final 1 - 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	11.18	11.18	5 / ~~3~~ 2				
reaction time	0.145	interval		2.10	1.90	2.00	2.08		# of strides				
wind	0.3 m/s	velocity	6.45	9.52	10.53	10.00	9.62	8.94	48.0				

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

date	06-Jun-22	time	3.2	5.2	7.2	9.2	11.26	11.26	3 / 3				
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) *Omega Timing (2021) - diamond league race analysis*

date	26-Aug-21	time	3.3	5.3	7.2	9.2	11.19	11.19	4 / 3				
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) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time	3.2	5.3	7.2	9.2	11.23	11.23	2 / 5				
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) *European Athletics (2019) - race analysis*

date	09-Sep-19	time				6.43	11.49	11.49	5 / 4				
reaction time	0.160	interval					5.06		# of strides				
wind	-0.8 m/s	velocity				7.78	9.88	8.70	48.2				

Lapsley, Andriane (USA) (1983)

Semi-Final 2 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	2 / 8			
reaction time		interval		1.15	1.04	1.03	1.03	1.00	1.00	1.05	1.04	1.07		# of strides	4.33	3.06	3.09
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		6.93	9.80	9.71

Heat 2 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

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	5 / 6			
reaction time		interval		1.14	1.10	1.04	1.01	1.03	1.04	1.05	1.10	1.08		# of strides	4.39	3.08	3.19
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		6.83	9.74	9.40

Larsson, Caroline (SWE) (1993)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	26-Jul-15	time			4.53			7.66		9.82		12.05	12.05	5 / 3			
reaction time		interval						3.13		2.16		2.23		# of strides	4.53	3.13	
wind	2.1 m/s	velocity			6.62			9.58		9.26		8.97	8.30		6.62	9.58	

Larsson, Frida (SWE) (1992)

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

	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			4.72			8.12		10.40		12.81	12.81	/ 4			
reaction time		interval						3.40		2.28		2.41		# of strides	4.72	3.40	
wind	0.9 m/s	velocity			6.36			8.82		8.77		8.30	7.81		6.36	8.82	

Latimer, Aleisha (USA) (1979)

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN) *Winckler (2008) - running parameters*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	06-Mar-99	time			4.37			7.46				7.46		8 / 7			
reaction time		interval						3.09						# of strides	4.37	3.09	
		velocity			6.86			9.71					8.04	30.5	6.86	9.71	

Laurent, Anyssa (BEL) (2006)

U18 FINAL - 2023 Memorial van Damme (Brussels, BEL) *Omega Timing (2023) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	08-Sep-23	time	2.21	3.45	4.58	5.67	6.77	7.86	8.97	10.10	11.26	12.52	12.52	7 / 8			
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	4.58	3.28	3.40
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		6.55	9.15	8.82

Latvala, Hanna-Maari (FIN) (1987)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	26-Jul-15	time			4.42			7.54		9.64		11.81	11.81	5 / 2			
reaction time		interval						3.12		2.10		2.17		# of strides	4.42	3.12	
wind	0.9 m/s	velocity			6.79			9.62		9.52		9.22	8.47		6.79	9.62	

Lawrence, Tayna (JAM) (1975)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	24-Sep-00	time			3.97		6.08	7.12	8.15		10.15	11.18	11.18	1 / ~~3~~ 2			
reaction time	0.163	interval					2.11	1.04	1.03		2.00	1.03		# of strides	3.97	3.15	3.03
wind	-0.4 m/s	velocity			7.56		9.48	9.62	9.71		10.00	9.71	8.94		7.56	9.52	9.90

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	01-Sep-00	time		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) *Winckler (2008) - running parameters*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	06-Mar-99	time			4.27			7.31				7.31	5 / 3				
reaction time		interval						3.04					# of strides	4.27	3.04	
		velocity			7.03			9.87				8.21		7.03	9.87	

Layne, Lynne (USA) (1988)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *USATF Women's Sprint Development with HPC (2008)*

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

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	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) *Omega Timing (2022) - diamond league race analysis*

date	26-Aug-22	time		3.2		5.3		7.4		9.4		11.58	11.58	2 / 5		

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

reaction time	0.156	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 Olympc 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)													*Paris 2024 Olympc Games - Results Book (2024)*				
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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
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)													*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*				
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)													*USATF Women's Sprint Development with HPC (2008)*				
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			
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)

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

			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	2.07	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)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	2.10	3.24	4.27	5.30	6.29	7.28	8.28	9.31	10.37	11.45	11.45	4 / 4			
reaction time	0.194	interval		1.14	1.03	1.03	0.99	0.99	1.00	1.03	1.06	1.08		# of strides	4.27	3.01	3.09
wind	0.5 m/s	velocity	4.76	8.77	9.71	9.71	10.10	10.10	10.00	9.71	9.43	9.26	8.73	53.0	7.03	9.97	9.71
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	2.09	3.21	4.29	5.29	6.29	7.26	8.26	9.28	10.32	11.38	11.38	5 / 1			
reaction time	0.167	interval		1.12	1.08	1.00	1.00	0.97	1.00	1.02	1.04	1.06		# of strides	4.29	2.97	3.06
wind	0.7 m/s	velocity	4.78	8.93	9.26	10.00	10.00	10.31	10.00	9.80	9.62	9.43	8.79	52.5	6.99	10.10	9.80
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	2.12	3.25	4.29	5.29	6.28	7.28	8.30	9.32	10.39	11.46	11.46	6 / 4			
reaction time	0.162	interval		1.13	1.04	1.00	0.99	1.00	1.02	1.02	1.07	1.07		# of strides	4.29	2.99	3.11
wind	0.9 m/s	velocity	4.72	8.85	9.62	10.00	10.10	10.00	9.80	9.80	9.35	9.35	8.73	53.0	6.99	10.03	9.65
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-Jun-24	time	2.12	3.25	4.32	5.36	6.35	7.34	8.34	9.34	10.39	11.44	11.44	3 / 1			
reaction time	0.173	interval		1.13	1.07	1.04	0.99	0.99	1.00	1.00	1.05	1.05		# of strides	4.32	3.02	3.05
wind	1.0 m/s	velocity	4.72	8.85	9.35	9.62	10.10	10.10	10.00	10.00	9.52	9.52	8.74	53.0	6.94	9.93	9.84
Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)														*Shandong Athletics Sport Science (2023)*			
date	09-Jun-23	time	2.11	3.28	4.37	5.43	6.48	7.53	8.62	9.71	10.84	11.99	11.99	7 / 2			
reaction time	0.213	interval		1.17	1.09	1.06	1.05	1.05	1.09	1.09	1.13	1.15		# of strides	4.37	3.16	3.31
wind	0.1 m/s	velocity	4.74	8.55	9.17	9.43	9.52	9.52	9.17	9.17	8.85	8.70	8.34	54.2	6.86	9.49	9.06
A FINAL - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)														*Shandong Athletics Sport Science (2023)*			
date	28-Feb-23	time	2.15	3.28	4.35	5.37	6.40	7.42					7.42	3 / 3			
reaction time	0.183	interval		1.13	1.07	1.02	1.03	1.02						# of strides	4.35	3.07	
		velocity	4.65	8.85	9.35	9.80	9.71	9.80					8.09	34.0	6.90	9.77	
Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)														*Shandong Athletics Sport Science (2023)*			
date	25-Feb-23	time	2.14	3.30	4.37	5.39	6.44	7.48					7.48	4 / 1			
reaction time	0.190	interval		1.16	1.07	1.02	1.05	1.04						# of strides	4.37	3.11	
		velocity	4.67	8.62	9.35	9.80	9.52	9.62					8.02	34.2	6.86	9.65	
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 Huixian (CHN) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.17	3.36	4.46	5.53	6.62	7.72	8.83	9.96	11.11	12.27	12.27	4 / 2			
reaction time	0.190	interval		1.19	1.10	1.07	1.09	1.10	1.11	1.13	1.15	1.16		# of strides	4.46	3.26	3.39
wind	-0.1 m/s	velocity	4.61	8.40	9.09	9.35	9.17	9.09	9.01	8.85	8.70	8.62	8.15	55.0	6.73	9.20	8.85

Li Renyuan (CHN) (1997)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2023 Chinese National Grand Prix 4 (Chongqing, CHN)														*Shandong Athletics Sport Science (2023)*			
date	02-Jun-23	time	2.15	3.34	4.42	5.49	6.56	7.61	8.68	9.77	10.86	12.01	12.01	4 / 2			
reaction time		interval		1.19	1.08	1.07	1.07	1.05	1.07	1.09	1.09	1.15		# of strides	4.42	3.19	3.25
wind	-0.6 m/s	velocity	4.65	8.40	9.26	9.35	9.35	9.52	9.35	9.17	9.17	8.70	8.33	52.0	6.79	9.40	9.23

Li Yuting (CHN) (2002)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)														*Omega Timing (2023) - diamond league race analysis*			
date	02-Sep-23	time	2.12	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

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

date	27-Jun-23	time	2.13	3.25	4.30	5.34	6.33	7.34	8.35	9.38	10.43	11.50	11.50	3 / 5		
reaction time	0.234	interval		1.12	1.05	1.04	0.99	1.01	1.01	1.03	1.05	1.07		# of strides	4.30	3.04	3.09
wind	0.4 m/s	velocity	4.69	8.93	9.52	9.62	10.10	9.90	9.90	9.71	9.52	9.35	8.70	48.0	6.98	9.87	9.71

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

date	27-Jun-23	time	2.13	3.30	4.36	5.41	6.42	7.44	8.45	9.48	10.54	11.62	11.62	4 / 2		
reaction time	0.238	interval		1.17	1.06	1.05	1.01	1.02	1.01	1.03	1.06	1.08		# of strides	4.36	3.08	3.10
wind	0.3 m/s	velocity	4.69	8.55	9.43	9.52	9.90	9.80	9.90	9.71	9.43	9.26	8.61	49.0	6.88	9.74	9.68

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

date	02-Jun-23	time	2.09	3.26		5.31	6.34	7.35	8.38	9.41	10.48	11.56	11.56	4 / 1		
reaction time	0.194	interval		1.17		2.05	1.03	1.01	1.03	1.03	1.07	1.08		# of strides			3.13
wind	-0.2 m/s	velocity	4.78	8.55		9.76	9.71	9.90	9.71	9.71	9.35	9.26	8.65	48.0			9.58

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

date	02-Jun-23	time	2.09	3.27	4.35	5.36	6.38	7.41	8.44	9.48	10.56	11.71	11.71	5 / 1		
reaction time	0.185	interval		1.18	1.08	1.01	1.02	1.03	1.03	1.04	1.08	1.15		# of strides	4.35	3.06	3.15
wind	-0.3 m/s	velocity	4.78	8.47	9.26	9.90	9.80	9.71	9.71	9.62	9.26	8.70	8.54	47.2	6.90	9.80	9.52

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

date	02-Jun-23	time	2.17	3.33	4.40	5.44	6.48	7.51	8.52	9.59	10.67	11.77	11.77	4 / 1		
reaction time		interval		1.16	1.07	1.04	1.04	1.03	1.01	1.07	1.08	1.10		# of strides	4.40	3.11	3.16
wind	-0.8 m/s	velocity	4.61	8.62	9.35	9.62	9.62	9.71	9.90	9.35	9.26	9.09	8.50	47.5	6.82	9.65	9.49

Liang Cuimin (CHN) (1993)

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

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)

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

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)

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

FINAL - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.02	3.12	4.17	5.16	6.16	7.15	8.15	9.17	10.22	11.33	11.33	5 / 1		
reaction time	0.141	interval		1.10	1.05	0.99	1.00	0.99	1.00	1.02	1.05	1.11		# of strides	4.17	2.98	3.07
wind	0.5 m/s	velocity	4.95	9.09	9.52	10.10	10.00	10.10	10.00	9.80	9.52	9.01	8.83	54.5	7.19	10.07	9.77

Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.08	3.19	4.25	5.25	6.26	7.25	8.25	9.27	10.32	11.40	11.40	4 / 2		
reaction time	0.165	interval		1.11	1.06	1.00	1.01	0.99	1.00	1.02	1.05	1.08		# of strides	4.25	3.00	3.07
wind	0.7 m/s	velocity	4.81	9.01	9.43	10.00	9.90	10.10	10.00	9.80	9.52	9.26	8.77	54.0	7.06	10.00	9.77

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.02	3.12	4.14	5.14	6.11	7.11	8.10	9.15	10.21	11.33	11.33	5 / 2		
reaction time	0.165	interval		1.10	1.02	1.00	0.97	1.00	0.99	1.05	1.06	1.12		# of strides	4.14	2.97	3.10
wind	0.9 m/s	velocity	4.95	9.09	9.80	10.00	10.31	10.00	10.10	9.52	9.43	8.93	8.83	56.0	7.25	10.10	9.68

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

date	28-Jun-24	time	2.01	3.15	4.20	5.24	6.25	7.25	8.28	9.31	10.34	11.44	11.44	6 / 1		
reaction time	0.132	interval		1.14	1.05	1.04	1.01	1.00	1.03	1.03	1.03	1.10		# of strides	4.20	3.05	3.09
wind	0.4 m/s	velocity	4.98	8.77	9.52	9.62	9.90	10.00	9.71	9.71	9.71	9.09	8.74	55.0	7.14	9.84	9.71

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

date	27-Jun-23	time	2.03	3.15	4.20	5.22	6.23	7.22	8.24	9.30	10.41	11.53	11.53	5 / 6		
reaction time	0.162	interval		1.12	1.05	1.02	1.01	0.99	1.02	1.06	1.11	1.12		# of strides	4.20	3.02	3.19
wind	0.4 m/s	velocity	4.93	8.93	9.52	9.80	9.90	10.10	9.80	9.43	9.01	8.93	8.67	55.0	7.14	9.93	9.40

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.07	3.20	4.25	5.27	6.28	7.29	8.30	9.34	10.39	11.50	11.50	4 / 2		

reaction time	0.204	interval		1.13	1.05	1.02	1.01	1.01	1.01	1.04	1.05	1.11		# of strides	4.25	3.04	3.10
wind	1.4 m/s	velocity	4.83	8.85	9.52	9.80	9.90	9.90	9.90	9.62	9.52	9.01	8.70	55.0	7.06	9.87	9.68

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

Liao Mengxue (CHN) (1995)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2023 Chinese National Grand Prix 3 (Taizhou, CHN)														*Shandong Athletics Sport Science (2023)*			
date	26-May-23	time	2.04	3.18	4.24	5.26	6.28	7.31	8.35	9.43	10.54	11.64	11.64	5 / 1			
reaction time	0.160	interval		1.14	1.06	1.02	1.02	1.03	1.04	1.08	1.11	1.10		# of strides	4.24	3.07	3.23
wind	-1.0 m/s	velocity	4.90	8.77	9.43	9.80	9.80	9.71	9.62	9.26	9.01	9.09	8.59	50.5	7.08	9.77	9.29

Lin Xinyi (CHN) (2001)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN)														*Shandong Athletics Sport Science (2024)*			
date	27-Feb-24	time		3.18	4.32	5.37	6.40	7.44					7.44	2 / 5			
reaction time		interval			1.14	1.05	1.03	1.04					**=PB**	# of strides	4.32	3.12	
		velocity		6.29	8.77	9.52	9.71	9.62					8.06	35.0	6.94	9.62	

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

date	26-May-23	time	2.12	3.27	4.37	5.42	6.46	7.49	8.55	9.63	10.74	11.86	11.86	6 / 3			
reaction time	0.153	interval		1.15	1.10	1.05	1.04	1.03	1.06	1.08	1.11	1.12		# of strides	4.37	3.12	3.25
wind	-1.0 m/s	velocity	4.72	8.70	9.09	9.52	9.62	9.71	9.43	9.26	9.01	8.93	8.43	54.5	6.86	9.62	9.23

Lin Yuwei (CHN) (1999)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)														*Shandong Athletics Sport Science (2023)*			
date	27-Jun-23	time	2.09	3.26	4.34	5.36	6.38	7.38	8.39	9.43	10.48	11.57	11.57	9 / 3			
reaction time	0.163	interval		1.17	1.08	1.02	1.02	1.00	1.01	1.04	1.05	1.09	**PB**	# of strides	4.34	3.04	3.10
wind	1.4 m/s	velocity	4.78	8.55	9.26	9.80	9.80	10.00	9.90	9.62	9.52	9.17	8.64	48.7	6.91	9.87	9.68

Lin Yuxuan (CHN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.35	3.60	4.74	5.84	6.97	8.08	9.20	10.34	11.51	12.71	12.71	1 / 7			
reaction time	0.244	interval		1.25	1.14	1.10	1.13	1.11	1.12	1.14	1.17	1.20		# of strides	4.74	3.34	3.43
wind	-0.1 m/s	velocity	4.26	8.00	8.77	9.09	8.85	9.01	8.93	8.77	8.55	8.33	7.87	53.0	6.33	8.98	8.75

Lindner, Magdalena (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	2.12	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)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2001 European Cup (Bremen, GER)														*Graubner (2007) - http://www.fgs.uni-halle.de*			
date	23-Jun-01	time		3.38	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 Chenxi (CHN) (2006)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 2 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)														*Shandong Athletics Sport Science (2023)*			
date	28-Feb-23	time	2.23	3.55	4.72	5.84	6.98	8.13					8.13	5 / 5			
reaction time	0.173	interval		1.32	1.17	1.12	1.14	1.15						# of strides	4.72	3.41	
		velocity	4.48	7.58	8.55	8.93	8.77	8.70					7.38	35.2	6.36	8.80	

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

date	25-Feb-23	time	2.32	3.60	4.81	5.92	7.09	8.26					8.26	8 / 6		
reaction time	0.241	interval		1.28	1.21	1.11	1.17	1.17						# of strides	4.81	3.45
		velocity	4.31	7.81	8.26	9.01	8.55	8.55					7.26	35.2	6.24	8.70

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.20	3.43	4.64	5.76	6.91	8.02	9.17	10.34	11.53	12.78	12.78	2 / 4		
reaction time	0.172	interval		1.23	1.21	1.12	1.15	1.11	1.15	1.17	1.19	1.25		# of strides	4.64	3.38	3.51
wind	-0.1 m/s	velocity	4.55	8.13	8.26	8.93	8.70	9.01	8.70	8.55	8.40	8.00	7.82	55.0	6.47	8.88	8.55

Liu Guoyi (CHN) (2004)

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

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

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

date	27-Jun-23	time	2.13	3.30	4.39	5.41	6.45	7.45	8.50	9.55	10.63	11.75	11.75	2 / 7		
reaction time	0.207	interval		1.17	1.09	1.02	1.04	1.00	1.05	1.05	1.08	1.12		# of strides	4.39	3.06	3.18
wind	0.4 m/s	velocity	4.69	8.55	9.17	9.80	9.62	10.00	9.52	9.52	9.26	8.93	8.51	51.0	6.83	9.80	9.43

Heat 2 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.07	3.23	4.32	5.34	6.38	7.38	8.42	9.46	10.49	11.59	11.59	7 / 4		
reaction time	0.185	interval		1.16	1.09	1.02	1.04	1.00	1.04	1.04	1.03	1.10	PB	# of strides	4.32	3.06	3.11
wind	1.4 m/s	velocity	4.83	8.62	9.17	9.80	9.62	10.00	9.62	9.62	9.71	9.09	8.63	51.0	6.94	9.80	9.65

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

date	02-Jun-23	time	2.07	3.24		5.35	6.38	7.42	8.46	9.53	10.61	11.77	11.77	5 / 3		
reaction time	0.182	interval		1.17		2.11	1.03	1.04	1.04	1.07	1.08	1.16		# of strides			3.19
wind	-0.2 m/s	velocity	4.83	8.55		9.48	9.71	9.62	9.62	9.35	9.26	8.62	8.50	51.5			9.40

Liu Le (CHN) (2001)

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

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

date	12-Mar-24	time	2.11	3.28	4.38	5.44	6.51	7.55					7.55	7 / 7		
reaction time	0.170	interval		1.17	1.10	1.06	1.07	1.04						# of strides	4.38	3.17	
		velocity	4.74	8.55	9.09	9.43	9.35	9.62					7.95	33.2	6.85	9.46	

Liu Qun (CHN) (1997)

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

FINAL - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.03	3.17	4.23	5.28	6.30	7.32	8.35	9.39	10.48	11.58	11.58	2 / 6		
reaction time	0.143	interval		1.14	1.06	1.05	1.02	1.02	1.03	1.04	1.09	1.10		# of strides	4.23	3.09	3.16
wind	0.5 m/s	velocity	4.93	8.77	9.43	9.52	9.80	9.80	9.71	9.62	9.17	9.09	8.64	58.0	7.09	9.71	9.49

Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.08	3.26	4.34	5.37	6.40	7.40	8.42	9.48	10.57	11.65	11.65	3 / 5		
reaction time	0.146	interval		1.18	1.08	1.03	1.03	1.00	1.02	1.06	1.09	1.08		# of strides	4.34	3.06	3.17
wind	0.7 m/s	velocity	4.81	8.47	9.26	9.71	9.71	10.00	9.80	9.43	9.17	9.26	8.58	58.5	6.91	9.80	9.46

Liu Xiajun (CHN) (2005)

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

Heat 7 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.07	3.24	4.34	5.39	6.47	7.53					7.53	3 / 1		
reaction time	0.144	interval		1.17	1.10	1.05	1.08	1.06						# of strides	4.34	3.19	
		velocity	4.83	8.55	9.09	9.52	9.26	9.43					7.97	34.2	6.91	9.40	

Liu Ziyi (CHN) (2002)

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

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

date	12-Mar-24	time	2.07	3.21	4.29	5.32	6.36	7.42					7.42	4 / 1		
reaction time	0.152	interval		1.14	1.08	1.03	1.04	1.06					PB	# of strides	4.29	3.13	
		velocity	4.83	8.77	9.26	9.71	9.62	9.43					8.09	33.7	6.99	9.58	

Lloyd, Joella (ANT) (2002)

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

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.2		5.2		7.3		9.3		11.49	11.49	7 / ~~5~~ 4		
reaction time	0.148	interval				2.00		2.10		2.00		2.19		# of strides		
wind	0.3 m/s	velocity		6.25		10.00		9.52		10.00		9.13	8.70	51.0		

Long Lingyao (CHN) (1997)

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

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

date	12-Mar-24	time	2.10	3.27	4.34	5.36	6.41	7.45					7.45	3 / 2		
reaction time	0.267	interval		1.17	1.07	1.02	1.05	1.04						# of strides	4.34	3.11	
		velocity	4.76	8.55	9.35	9.80	9.52	9.62					8.05	32.0	6.91	9.65	

Lööw, Anna-Lena (SWE) (1965)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16 time			5.05			8.77				13.89	13.89	7 / 6			
reaction time						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						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)

	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		3.27	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 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		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

Lu Haoran (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.15	3.36	4.47	5.58	6.66	7.74	8.86	10.01	11.16	12.34	12.34	3 / 3			
reaction time 0.167 interval		1.21	1.11	1.11	1.08	1.08	1.12	1.15	1.15	1.18		# of strides	4.47	3.27	3.42
wind -0.1 m/s velocity	4.65	8.26	9.01	9.01	9.26	9.26	8.93	8.70	8.70	8.47	8.10	53.7	6.71	9.17	8.77

Lu Qirui (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.23	3.46	4.64	5.76	6.87	8.02	9.19	10.39	11.62	12.87	12.87	8 / 7			
reaction time 0.190 interval		1.23	1.18	1.12	1.11	1.15	1.17	1.20	1.23	1.25		# of strides	4.64	3.38	3.60
wind -0.1 m/s velocity	4.48	8.13	8.47	8.93	9.01	8.70	8.55	8.33	8.13	8.00	7.77	55.0	6.47	8.88	8.33

Lückenkemper, Gina (GER) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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 Olympc 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
FINAL - 2024 FBK Games (Hengelo, NED)												*Omega Timing (2024) - continental tour gold race analysis*			
date 07-Jul-24 time	2.04	3.20	4.25	5.25	6.25	7.24	8.22	9.22	10.22	11.25	11.25	4 / 2			
reaction time 0.188 interval		1.16	1.05	1.00	1.00	0.99	0.98	1.00	1.00	1.03		# of strides	4.25	2.99	2.98
wind 0.6 m/s velocity	4.90	8.62	9.52	10.00	10.00	10.10	10.20	10.00	10.00	9.71	8.89	50.7	7.06	10.03	10.07
FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)												*Omega Timing (2023) - diamond league race analysis*			
date 16-Jul-23 time	2.08	3.22	4.25	5.24	6.20	7.16	8.12	9.09	10.07	11.09	11.09	8 / 7			
reaction time 0.188 interval		1.14	1.03	0.99	0.96	0.96	0.96	0.97	0.98	1.02		# of strides	4.25	2.91	2.91
wind 0.2 m/s velocity	4.81	8.77	9.71	10.10	10.42	10.42	10.42	10.31	10.20	9.80	9.02	49.5	7.06	10.31	10.31
FINAL - 2023 Athletissima (Lausanne, SUI)												*Omega Timing (2023) - diamond league race analysis*			
date 30-Jun-23 time	2.06	3.20	4.23	5.23	6.20	7.17	8.15	9.13	10.14	11.17	11.17	4 / 3			
reaction time 0.198 interval		1.14	1.03	1.00	0.97	0.97	0.98	0.98	1.01	1.03		# of strides	4.23	2.94	2.97
wind -0.8 m/s velocity	4.85	8.77	9.71	10.00	10.31	10.31	10.20	10.20	9.90	9.71	8.95	49.5	7.09	10.20	10.10
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)												*Omega Timing (2023) - diamond league race analysis*			
date 02-Jun-23 time	2.06	3.20	4.23	5.21	6.18	7.14	8.11	9.08	10.06	11.09	11.09	3 / 2			
reaction time 0.192 interval		1.14	1.03	0.98	0.97	0.96	0.97	0.97	0.98	1.03		# of strides	4.23	2.91	2.92
wind -0.4 m/s velocity	4.85	8.77	9.71	10.20	10.31	10.42	10.31	10.31	10.20	9.71	9.02	50.0	7.09	10.31	10.27
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)												*Omega Timing (2022) - diamond league race analysis*			
date 06-Aug-22 time		3.20		5.22		7.14		9.09		11.10	11.10	8 / 4			
reaction time 0.190 interval				2.02		1.92		1.95		2.01		# of strides			
wind 0.5 m/s velocity		6.25		9.90		10.42		10.26		9.95	9.01	50.0			

FINAL - 2020 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2020) - diamond league race analysis*

date	23-Aug-20	time	3.3	5.3	7.3	9.3	11.33	11.33	7 / 5
reaction time	0.202	interval		2.00	2.00	2.00	2.03		# of strides
wind	1.3 m/s	velocity	6.06	10.00	10.00	10.00	9.85	8.83	50.2

FINAL - 2019 Memorial van Damme (Brussels, BEL) *Omega Timing (2019) - diamond league race analysis*

date	06-Sep-19	time	3.4	5.4	7.4	9.4	11.45	11.45	8 / 8
reaction time	0.208	interval		2.0	2.0	2.0	2.05		# of strides
wind	-0.3 m/s	velocity	5.88	10.00	10.00	10.00	9.76	8.73	50.0

Lundberg, Olivia (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)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24 time	2.11	3.22	4.31	5.39	6.44	7.49	8.54	9.61	10.71	11.78	11.78	3 / 4			
reaction time 0.137 interval		1.11	1.09	1.08	1.05	1.05	1.05	1.07	1.10	1.07		# of strides	4.31	3.18	3.22
wind -0.3 m/s velocity	4.74	9.01	9.17	9.26	9.52	9.52	9.52	9.35	9.09	9.35	8.49		6.96	9.43	9.32

Lüppert-Thomsson, Frida (SWE) (19

	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			4.67			8.05		10.33		12.70	12.70	/ 2			
reaction time interval						3.38		2.28		2.37		# of strides	4.67	3.38	
wind 0.9 m/s velocity			6.42			8.88		8.77		8.44	7.87		6.42	8.88	

Ma Chengna (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24 time	2.13	3.30	4.40	5.47	6.53	7.60					7.60	8 / 8			
reaction time 0.162 interval		1.17	1.10	1.07	1.06	1.07						# of strides	4.40	3.20	
velocity	4.69	8.55	9.09	9.35	9.43	9.35					7.89	33.0	6.82	9.38	

Ma Huixin (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23 time	2.15	3.32	4.40	5.45	6.48	7.51	8.56	9.65	10.76	11.91	11.91	5 / 3			
reaction time 0.203 interval		1.17	1.08	1.05	1.03	1.03	1.05	1.09	1.11	1.15		# of strides	4.40	3.11	3.25
wind -0.2 m/s velocity	4.65	8.55	9.26	9.52	9.71	9.71	9.52	9.17	9.01	8.70	8.40	51.7	6.82	9.65	9.23

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

date	02-Jun-23	time	2.07	3.24		5.29	6.33	7.34	8.39	9.45	10.57	11.70	11.70	2 / 2			
reaction time	0.225	interval		1.17		2.05	1.04	1.01	1.05	1.06	1.12	1.13		# of strides			3.23
wind	-0.2 m/s	velocity	4.83	8.55		9.76	9.62	9.90	9.52	9.43	8.93	8.85	8.55	53.0			9.29

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

date	02-Jun-23	time	2.10	3.27	4.34	5.38	6.42	7.46	8.49	9.56	10.68	11.79	11.79	5 / 2			
reaction time		interval		1.17	1.07	1.04	1.04	1.04	1.03	1.07	1.12	1.11		# of strides	4.34	3.12	3.22
wind	-0.8 m/s	velocity	4.76	8.55	9.35	9.62	9.62	9.62	9.71	9.35	8.93	9.01	8.48	53.0	6.91	9.62	9.32

Madogo, Jacqueline (CAN) (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 Olympc Games - Results Book (2024)*			
date 02-Aug-24 time	2.08	3.21	4.25	5.25	6.22	7.19	8.17	9.17	10.19	11.27	11.27	5 / 4			
reaction time 0.161 interval		1.13	1.04	1.00	0.97	0.97	0.98	1.00	1.02	1.08		# of strides	4.25	2.94	3.00
wind 0.1 m/s velocity	4.81	8.85	9.62	10.00	10.31	10.31	10.20	10.00	9.80	9.26	8.87	48.0	7.06	10.20	10.00

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

date	13-Jul-21	time	3.4	5.5	7.5	9.6	11.74	11.74	1 / 6
reaction time	0.191	interval		2.10	2.00	2.10	2.14		# of strides
wind	1.5 m/s	velocity	5.88	9.52	10.00	9.52	9.35	8.52	

Maduaka, Joice (GBR) (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)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Sep-07 time		3.29	4.35	5.37		7.42		9.43		11.61	11.61	1 / 8			
reaction time 0.155 interval			1.06	1.02		2.05		2.01		2.18		# of strides	4.35	3.07	
wind -0.6 m/s velocity		6.08	9.43	9.80		9.76		9.95		9.17	8.61		6.90	9.77	

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

date	23-Jun-01	time		3.25	4.29	5.30		7.30		9.33		11.45	11.45	/ 5			
reaction time	0.173	interval			1.04	1.01		2.00		2.03		2.12		# of strides	4.29	3.01	
wind	2.8 m/s	velocity		6.15	9.62	9.90		10.00		9.85		9.43	8.73		6.99	9.97	

Maeda, Rune (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-17 time			4.40			7.70				12.41	12.41	7 / 2			
reaction time interval						3.30				4.71		# of strides	4.40	3.30	
wind -0.5 m/s velocity			6.82			9.09				8.49	8.06	57.5	6.82	9.09	

Maekawa, Rika (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)												*Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-17	time			4.46			7.78			11.19	12.37	12.37	3 / 7			
reaction time 0.173	interval						3.32			3.41	1.18		# of strides	4.46	3.32	3.41
wind -3.0 m/s	velocity			6.73			9.04			8.80	8.47	8.08		6.73	9.04	8.80

Maeyama, Miyu (JPN) (1996)

	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)												*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*			
date 23-Jun-18	time	2.05	3.25	4.34	5.40	6.45	7.50	8.56	9.63	10.72	11.84	11.84	9 / 6			
reaction time 0.155	interval		1.20	1.09	1.06	1.05	1.05	1.06	1.07	1.09	1.12		# of strides	4.34	3.16	3.22
wind 0.8 m/s	velocity	4.88	8.33	9.17	9.43	9.52	9.52	9.43	9.35	9.17	8.93	8.45	50.7	6.91	9.49	9.32
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	2.04	3.23	4.32	5.37	6.42	7.46	8.51	9.58	10.66	11.77	11.77	3 / 7			
reaction time	interval		1.19	1.09	1.05	1.05	1.04	1.05	1.07	1.08	1.11		# of strides	4.32	3.14	3.20
wind 1.8 m/s	velocity	4.90	8.40	9.17	9.52	9.52	9.62	9.52	9.35	9.26	9.01	8.50	50.2	6.94	9.55	9.38
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	5.35	6.38	7.41	8.45	9.51	10.58	11.68	11.68	9 / 7			
reaction time 0.171	interval		1.18	1.08	1.04	1.03	1.03	1.04	1.06	1.07	1.10		# of strides	4.31	3.10	3.17
wind 2.3 m/s	velocity	4.88	8.47	9.26	9.62	9.71	9.71	9.62	9.43	9.35	9.09	8.56	50.1	6.96	9.68	9.46
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	2.01	3.18	4.24	5.27	6.29	7.31	8.34	9.39	10.46	11.56	11.56	5 / 2			
reaction time	interval		1.17	1.06	1.03	1.02	1.02	1.03	1.05	1.07	1.10		# of strides	4.24	3.07	3.15
wind 1.3 m/s	velocity	4.98	8.55	9.43	9.71	9.80	9.80	9.71	9.52	9.35	9.09	8.65	45.8	7.08	9.77	9.52
Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN)												*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
date 29-Apr-17	time	2.05	3.22	4.31	5.36	6.39	7.43	8.47	9.52	10.59	11.67	11.67	/ 2			
reaction time	interval		1.17	1.09	1.05	1.03	1.04	1.04	1.05	1.07	1.08		# of strides	4.31	3.12	3.16
wind 2.4 m/s	velocity	4.88	8.55	9.17	9.52	9.71	9.62	9.62	9.52	9.35	9.26	8.57	49.1	6.96	9.62	9.49
FINAL - 2016 National Sports Festival (Kitakami, JPN)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
date 08-Aug-16	time	2.07	3.22	4.30	5.35	6.38	7.42	8.47	9.53	10.62	11.73	11.73	4 / 2			
reaction time 0.157	interval		1.15	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.11		# of strides	4.30	3.12	3.20
wind 2.0 m/s	velocity	4.83	8.70	9.26	9.52	9.71	9.62	9.52	9.43	9.17	9.01	8.53	49.5	6.98	9.62	9.38

Mahan, Shayla (USA) (1989)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2011 Windsprint (Sundsvall, SWE)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			4.29			7.31			9.32		11.45	11.45	4 / 3		
reaction time	interval						3.02			2.01		2.13	# of strides	4.29	3.02	
wind 0.2 m/s	velocity			6.99			9.93			9.95		9.39	8.73		6.99	9.93
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08	time	2.08	3.23	4.23	5.26	6.27	7.26	8.28	9.31	10.34	11.39	11.39	7 / 3			
reaction time	interval		1.15	1.00	1.03	1.01	0.99	1.02	1.03	1.03	1.05		# of strides	4.23	3.03	3.08
wind 1.3 m/s	velocity	4.81	8.70	10.00	9.71	9.90	10.10	9.80	9.71	9.71	9.52	8.78		7.09	9.90	9.74

Malchugina, Galina (URS) (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	3.20	4.25	5.24	6.22	7.18	8.14		10.15	11.23	11.24	3 / 4			
reaction time	interval		1.06	1.05	0.99	0.98	0.96	0.96		2.01	1.08		# of strides	4.25	2.93	2.97
wind 0.0 m/s	velocity	4.67	9.43	9.52	10.10	10.20	10.42	10.42		9.95	9.26	8.90		7.06	10.24	10.10

Malone, Maicel (USA) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 17-Jul-86	time	2.01	3.16	4.24	5.31	6.34	7.30	8.27	9.47	10.43	11.49	11.49	/ 3			
reaction time 0.151	interval		1.15	1.08	1.07	1.03	0.96	0.97	1.20	0.96	1.06		# of strides	4.24	3.06	3.13
wind 0.9 m/s	velocity	4.98	8.70	9.26	9.35	9.71	10.42	10.31	8.33	10.42	9.43	8.70		7.08	9.80	9.58

Maňasová, Karolína (CZE) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 03-Aug-24	time	1.99	3.16	4.22	5.24	6.24	7.25	8.25	9.27	10.30	11.35	11.35	2 / 8			
reaction time 0.145	interval		1.17	1.06	1.02	1.00	1.01	1.00	1.02	1.03	1.05		# of strides	4.22	3.03	3.05
wind 0.2 m/s	velocity	5.03	8.55	9.43	9.80	10.00	9.90	10.00	9.80	9.71	9.52	8.81	53.0	7.11	9.90	9.84
Heat 3 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date 02-Aug-24	time	1.97	3.11	4.13	5.12	6.09	7.07	8.06	9.05	10.07	11.11	11.11	5 / 4			
reaction time 0.163	interval		1.14	1.02	0.99	0.97	0.98	0.99	0.99	1.02	1.04	**PB**	# of strides	4.13	2.94	3.00
wind 1.5 m/s	velocity	5.08	8.77	9.80	10.10	10.31	10.20	10.10	10.10	9.80	9.62	9.00	52.7	7.26	10.20	10.00

Mang, Véronique (FRA) (1984)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2011 IAAF World Championships (Daegu, KOR)												*Marchand (2011) - une étaoe encourageante vers 2012 pour Véronique Mang*			
date 29-Aug-11 time					6.36					11.44	11.44	4 / 1			
reaction time 0.139 interval										5.08		# of strides			
wind -1.5 m/s velocity					7.86					4.37	8.74	50.5			
Heat 7 - 2011 IAAF World Championships (Daegu, KOR)												*Marchand (2011) - une étaoe encourageante vers 2012 pour Véronique Mang*			
date 28-Aug-11 time					6.36					11.44	11.44	4 / 1			
reaction time 0.172 interval										5.08		# of strides			
wind 0.5 m/s velocity					7.86					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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 31-Aug-01 time		3.14	4.16	5.15		7.10		9.09		11.13	11.13	/ 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		7.21	10.20	
FINAL - 2000 ISTAF (Berlin, GER)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 01-Sep-00 time		3.10	4.12	5.10		7.06				11.24	11.24	/ ~~6~~ 5			
reaction time 0.151 interval			1.02	0.98		1.96				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)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 08-Aug-83 time		3.10		5.18	6.16	7.15	8.14	9.14		11.24	11.24	1 / 6			
reaction time 0.140 interval				2.08	0.98	0.99	0.99	1.00		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	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)												*Omega Timing (2023) - diamond league race analysis*			
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	8.40		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) *Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes*															
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 / ~~8~~ 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	8.94	45.4	7.01	10.24	10.20
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			4.28			7.18				11.06	11.06	3 / ~~4~~ 3			
reaction time interval						2.90				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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*															
date 29-Aug-87 time			4.29			7.19				11.21	11.21	5 / ~~3~~ 2			
reaction time interval						2.90				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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*															
date 29-Aug-87 time			4.28			7.33				11.44	11.44	/ 3			
reaction time interval						3.05				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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Omega Timing (2023) - diamond league race analysis*			
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	8.75		6.99	10.03	9.74

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

date	03-Aug-22	time	3.2	5.3	7.2	9.2	11.36	11.36	8 / 6	
reaction time	0.162	interval		2.10	1.90	2.00	2.16		# of strides	
wind	1.1 m/s	velocity	6.25	9.52	10.53	10.00	9.26	8.80	49.0	

Masumura, Koyuki (JPN)

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

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time		4.57		7.90			11.32	12.52	12.52	5 / 3			
reaction time		interval				3.33			3.42	1.20		# of strides	4.57	3.33	3.42
wind	0.5 m/s	velocity		6.56		9.01			8.77	8.33	7.99	56.5	6.56	9.01	8.77

Masumi, Aoki (JPN) (1994)

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

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

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)

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

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

date	04-Jun-17	time	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) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

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

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)

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

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)

	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	2.13	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)

	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	3.20	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)

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

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

date	07-Aug-02	time		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) *Graubner (2009) - http://www.fgs.uni-halle.de*

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)

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

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

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

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

date	25-Feb-12	time	2.05	3.21	4.31	5.37	6.39	7.46					7.46	4 / 1			
reaction time	0.138	interval		1.16	1.10	1.06	1.02	1.07						# of strides	4.31	3.15	
		velocity	4.88	8.62	9.09	9.43	9.80	9.35					8.04		6.96	9.52	

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

date	14-Jun-09	time		3.45	4.54	5.60		7.71		9.89		12.19	12.19	/ 9			
reaction time	0.293	interval			1.09	1.06		2.11		2.18		2.30		# of strides	4.54	3.17	
wind	0.9 m/s	velocity		5.80	9.17	9.43		9.48		9.17		8.70	8.20		6.61	9.46	

M'belu, Lucienne (FRA) (1989)		**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		3.41	4.48	5.51		7.59		9.69		12.13	12.13	/ 8			
reaction time	0.284	interval			1.07	1.03		2.08		2.10		2.44		# of strides	4.48	3.11	
wind	0.9 m/s	velocity		5.87	9.35	9.71		9.62		9.52		8.20	8.24		6.70	9.65	

McGrone, Candyce (USA) (1989)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 USATF National Junior Championships (Columbus, OH)													*USATF Women's Sprint Development with HPC (2008)*			
date	20-Jun-08	time	2.15	3.28	4.32	5.37	6.35	7.35	8.36	9.39	10.44	11.50	11.50	4 / 4			
reaction time		interval		1.13	1.04	1.05	0.98	1.00	1.01	1.03	1.05	1.06	**PB**	# of strides	4.32	3.03	3.09
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		6.94	9.90	9.71

McLaughlin, Anneisha (JAM) (1986)		**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2008 Windsprint (Sundsvall, SWE)													*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
date	06-Jul-08	time			4.32			7.34		9.46		11.60	11.60	6 / 2			
reaction time		interval						3.02		2.12		2.14		# of strides	4.32	3.02	
wind	1.0 m/s	velocity			6.94			9.93		9.43		9.35	8.62		6.94	9.93	

Meadows, Tawanna (USA) (1986)		**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	2.06	3.24	4.30	5.32	6.33	7.33	8.34	9.35	10.37	11.44	11.44	/ 2			
reaction time	0.203	interval		1.18	1.06	1.02	1.01	1.00	1.01	1.01	1.02	1.07		# of strides	4.30	3.03	3.04
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	52.4	6.98	9.90	9.87

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

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	8 / 6			
reaction time		interval		1.15	1.05	1.07	0.99	0.99	1.02	1.00	1.06	1.00		# of strides	4.35	3.05	3.08
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		6.90	9.84	9.74

Meinseth, Ingvild (NOR) (1999)		**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			4.33		6.40	7.46		9.54		11.70	11.70	5 / 1			
reaction time		interval					2.07	1.06		2.08		2.16		# of strides	4.33	3.13	
wind	0.3 m/s	velocity			6.93		9.66	9.43		9.62		9.26	8.55		6.93	9.58	

Melin, Jenny (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)													*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
date	17-Jun-12	time			4.50			7.70		9.88		12.16	12.16	7 / 5			
reaction time		interval						3.20		2.18		2.28		# of strides	4.50	3.20	
wind	0.7 m/s	velocity			6.67			9.38		9.17		8.77	8.22		6.67	9.38	

Meredova, Valentina (TKM) (1984)		**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	1.86	3.04	4.11	5.15	6.20	7.24	8.34	9.42	10.57	12.01	12.01	3 / 4			
reaction time	0.164	interval		1.18	1.07	1.04	1.05	1.04	1.10	1.08	1.15	1.44		# of strides	4.11	3.13	3.33
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	53.5	7.30	9.58	9.01

Mihalinec, Maja (SLO) (1989)	**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	3.3	5.4	7.3	9.3	11.36	11.36	8 / 4	
reaction time	0.139	interval		2.1	1.9	2.0	2.06		# of strides	
wind	-0.9 m/s	velocity	6.06	9.52	10.53	10.00	9.71	8.80	51.0	

Mikase, Midori (JPN) (2001)

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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	5 / 7			
reaction time	0.148	interval		1.21	1.10	1.06	1.06	1.06	1.08	1.10	1.12	1.16		# of strides	4.37	3.18	3.30
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		6.86	9.43	9.09

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	2.03	3.19	4.25	5.28	6.29	7.31	8.34	9.38	10.43	11.51	11.51	4 / 1			
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			
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)

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

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *USATF Women's Sprint Development (2004)*

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) *USATF Women's Sprint Development (2003)*

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) *Lyle - miscellaneous coaching notes*

date	15-Jul-00	time	2.03		4.19		6.10	7.04			10.00	11.05	11.05	/ 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 (Sevila, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

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

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) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.94	4.20	6.11	9.90	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) *USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	2.04	4.22	6.16	10.07	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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	18-Aug-19	time		3.2		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)

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

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

FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	24-Oct-20	time	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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

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

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)

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-15	time			4.40	5.48	6.55	7.61	8.67	9.74	10.83	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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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)												*Kishima (2022) - national high school championships biomechanics data collection*			
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)												*Shibayama (2021) - national high school and U20 national championhsips*			
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, Hoshino (JPN) (2002)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 26-May-18 time			4.60			8.01			11.55	12.76	12.76	2 / 8			
reaction time interval						3.41			3.54	1.21		# of strides	4.60	3.41	3.54
wind 1.8 m/s velocity			6.52			8.80			8.47	8.26	7.84	55.5	6.52	8.80	8.47

Miyata, Otoha (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

Mochida, Kanon (JPN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Shimane High School Championships (Izumo, JPN)												*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 29-May-21 time			4.58			7.92			11.38	12.58	12.58	7 / 5			
reaction time interval						3.34			3.46	1.20		# of strides	4.58	3.34	3.46
wind 2.3 m/s velocity			6.55			8.98			8.67	8.33	7.95	57.5	6.55	8.98	8.67
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20 time			4.52			7.82			11.20	12.39	12.39	6 / 2			
reaction time interval						3.30			3.38	1.19		# of strides	4.52	3.30	3.38
wind 2.1 m/s velocity			6.64			9.09			8.88	8.40	8.07	59.0	6.64	9.09	8.88
FINAL - 2019 Shimane High School Championships (Izumo, JPN)												*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*			
date 25-May-19 time			4.63			7.99			11.43	12.64	12.64	6 / 3			
reaction time interval						3.36			3.44	1.21		# of strides	4.63	3.36	3.44
wind 2.9 m/s velocity			6.48			8.93			8.72	8.26	7.91	58.5	6.48	8.93	8.72

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 Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date 03-Aug-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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - 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	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 trainingssyste des ddr-frauenkurzsprints*

date	20-Aug-97	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	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	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	

Morimoto, Misaki (JPN) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)														*Takashima (2023) - national high school sports festival - biomechanics data*			
date	03-Aug-23	time	2.12	3.33	4.45	5.53	6.61	7.70	8.81	9.93	11.07	12.23	12.23	2 / 5			
reaction time	0.206	interval		1.21	1.12	1.08	1.08	1.09	1.11	1.12	1.14	1.16		# of strides	4.45	3.25	3.37

wind	-2.9 m/s	velocity	4.72	8.26	8.93	9.26	9.26	9.17	9.01	8.93	8.77	8.62	8.18		6.74	9.23	8.90

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 Olympc 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	

Moriyama, Rin (JPN) (2002)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2020 Shimane High School Championships (Izumo, JPN)										*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*							
date	11-Jul-20	time			4.38			7.65			11.05	12.28	12.28	4 / 1			
reaction time		interval						3.27			3.40	1.23		# of strides	4.38	3.27	3.40
wind	2.1 m/s	velocity			6.85			9.17			8.82	8.13	8.14	54.7	6.85	9.17	8.82
FINAL - 2019 Shimane High School Championships (Izumo, JPN)										*Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*							
date	25-May-19	time			4.50			7.79			11.13	12.34	12.34	4 / 1			
reaction time		interval						3.29			3.34	1.21		# of strides	4.50	3.29	3.34
wind	2.9 m/s	velocity			6.67			9.12			8.98	8.26	8.10	53.7	6.67	9.12	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	1.00	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			
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'Athlétime (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			
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)														*Omega Timing (2021) - diamond league race analysis*			
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)														*Omega Timing (2021) - diamond league race analysis*			
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) *(2014) - www.ssg.se/windsprint/Splittider/*

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

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.49		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) *Feher (2012) - Czech Republic indoor national championships - women's 60m*

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)

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

Murakami, Tamamo (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22	time		4.40			7.63			10.98	12.18	12.18	7 / 1			
reaction time	interval					3.23			3.35	1.20		# of strides	4.40	3.23	3.35
wind 0.5 m/s	velocity		6.82			9.29			8.96	8.33	8.21	54.5	6.82	9.29	8.96

FINAL - 2021 Shimane High School Championships (Izumo, JPN) *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

date	29-May-21	time		4.52		7.75			11.12	12.32	12.32	5 / 2		
reaction time		interval				3.23			3.37	1.20		# of strides	4.52	3.23	3.37
wind	2.3 m/s	velocity		6.64		9.29			8.90	8.33	8.12	54.3	6.64	9.29	8.90

FINAL - 2020 Shimane High School Championships (Izumo, JPN) *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

date	11-Jul-20	time		4.55		7.88			11.45	12.73	12.73	9 / 5		
reaction time		interval				3.33			3.57	1.28		# of strides	4.55	3.33	3.57
wind	2.1 m/s	velocity		6.59		9.01			8.40	7.81	7.86	55.3	6.59	9.01	8.40

Murková, Eva (TCH) (1962)

	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	3.21	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)

	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		3.26		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 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) *USATF Women's Sprint Development with HPC (2008)*

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) *USATF Women's Sprint Development (2005)*

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

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 Hessan (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	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	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	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 championhsips*			
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	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 (Izumo, 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

Nagaoka, Mei (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23	time			4.55			7.90			11.38	12.63	12.63	1 / 7			
reaction time	interval						3.35			3.48	1.25		# of strides	4.55	3.35	3.48
wind 2.1 m/s	velocity			6.59			8.96			8.62	8.00	7.92	59.7	6.59	8.96	8.62

Nagaoka, Risa (JPN) (2008)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date 25-May-24	time			4.48			7.67			10.92	12.02	12.02	4 / 1			
reaction time	interval						3.19			3.25	1.10		# of strides	4.48	3.19	3.25
wind 1.2 m/s	velocity			6.70			9.40			9.23	9.09	8.32	53.0	6.70	9.40	9.23
FINAL - 2023 Shimane High School Championships (Izumo, JPN)												*Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*			
date 27-May-23	time			4.45			7.72			10.98	12.13	12.13	3 / 2			
reaction time	interval						3.27			3.26	1.15		# of strides	4.45	3.27	3.26
wind 2.1 m/s	velocity			6.74			9.17			9.20	8.70	8.24	53.7	6.74	9.17	9.20

Nagato, Tomoka (JPN)

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

FINAL - 2018 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	26-May-18	time		4.43		7.71		11.03	12.20	12.20	3 / 1			
reaction time		interval				3.28		3.32	1.17		# of strides	4.43	3.28	3.32
wind	1.8 m/s	velocity		6.77		9.15		9.04	8.55	8.20	56.5	6.77	9.15	9.04

FINAL - 2017 Shimane High School Championships (Izumo, JPN) *Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*

date	27-May-17	time		4.63		8.03			12.96	12.96	4 / 5			
reaction time		interval				3.40			4.93		# of strides	4.63	3.40	
wind	-0.5 m/s	velocity		6.48		8.82			8.11	7.72	56.0	6.48	8.82	

Nagura, Chiaki (JPN) (1993)

FINAL - 2020 World Athletics Trials (Fuji, JPN) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	/ 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	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) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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)

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

			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 / ~~1~~			
reaction time	0.162	interval				2.01		1.95					DV / ~~PB~~	# of strides			
		velocity		6.37		9.95		10.26					8.45	30.5			

Nakahara, Sana (JPN)

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	25-May-24	time			4.67			8.07			11.65	12.89	12.89	9 / 5			
reaction time		interval						3.40			3.58	1.24		# of strides	4.67	3.40	3.58
wind	1.2 m/s	velocity			6.42			8.82			8.38	8.06	7.76	55.0	6.42	8.82	8.38

Nakamura, Mizuki (JPN) (1996)

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

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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)

Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

			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	9.52	9.35	9.09	8.93	8.46		6.93	9.52	9.32

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	5.34	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)

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

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*

date	30-Jul-15	time			4.33	5.41	6.44	7.53	8.60	9.69	10.81	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)

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

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)

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

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

date	10-Feb-96	time	1.99	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	
		velocity	5.03	7.94	9.35	9.43	9.52	9.52					8.02		6.94	9.49	

Narita, Shuri (JPN)

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

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

date	03-Aug-23	time	2.12	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)

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

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

date	25-Jul-09	time			4.67			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) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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			

FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON) *Omega Timing (2022) - diamond league race analysis*

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			

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

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			

Semi-Final 3 - 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		10.90	10.90	3 / 1			
reaction time	0.144	interval				2.00		1.90		1.90		2.00	**PB**	# of strides			
wind	1.1 m/s	velocity		6.45		10.00		10.53		10.53		10.00	9.17	47.0			

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

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			

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

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

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

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

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

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

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

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

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

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

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

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			

Nelson, Ashleigh (GBR) (1991)

	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	3.24	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	

Nesbitt, Amberly (USA) (1986)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2005 USATF National Junior Championships (Carson, CA)												*USATF Women's Sprint Development (2005)*			
date 23-Jun-05	time	2.10	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)

	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		4.30			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)

	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	1.83	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1997 European Cup (Munich, GER)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	2.13		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time			4.52			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/SprintHäck/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)

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

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

date	30-Jul-17	time	4.64	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/SprintHäck/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

Nilsson, Pernilla (SWE) (1992)

	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	4.45	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)

	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	4.69	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)

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

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

date	28-Jun-14	time	3.55	5.95	8.28	10.67	13.12	13.12	2 / 4		
reaction time	0.220	interval		2.40	2.33	2.39	2.45		# of strides		
wind	-1.7 m/s	velocity	5.63	8.33	8.58	8.37	8.16	7.62			

Nishio, Kaho (JPN) (1997)

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

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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

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)

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

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

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) — *Omega Timing (2023) - continental tour race analysis*

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

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)

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

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

date	31-Aug-01	time		3.17	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) — *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

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

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

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

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

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	2.08	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

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	2.08	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

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

date	06-May-06	time	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

Noda, Iyo (JPN)

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

FINAL - 2023 Shimane High School Championships (Izumo, JPN) — *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.53			7.90			11.40	12.66	12.66	2 / 8			
reaction time		interval						3.37			3.50	1.26		# of strides	4.53	3.37	3.50

wind	2.1 m/s	velocity		6.62		8.90		8.57	7.94	7.90	55.7	6.62	8.90	8.57	

FINAL - 2022 Shimane High School Championships (Izumo, JPN) *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

date	27-May-22	time		4.55		7.95		11.53	12.82	12.82	2 / 5			
reaction time		interval				3.40		3.58	1.29		# of strides	4.55	3.40	3.58
wind	0.5 m/s	velocity		6.59		8.82		8.38	7.75	7.80	56.2	6.59	8.82	8.38

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) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

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

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

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

date	04-Aug-11	time				6.59	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

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) *Kishima (2022) - national high school championships biomechanics data collection*

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

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

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				

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

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				

Nozomi, Ishibashi (JPN)

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

FINAL - 2023 Shimane High School Championships (Izumo, JPN) *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.53		7.88			11.27	12.50	12.50	4 / 6				
reaction time		interval					3.35			3.39	1.23		# of strides	4.53	3.35	3.39
wind	2.1 m/s	velocity			6.62		8.96			8.85	8.13	8.00	58.0	6.62	8.96	8.85

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) *Arnold (1992) - 1992 Olympic report: 100m men*

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			

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 / ~~6~~ 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			
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			
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)												*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.1		5.1		7.1		9.0		11.18	11.18	8 / ~~5~~ 4			
reaction time	0.147	interval				2.00		2.00		1.90		2.18	DV	# of strides			
wind	0.4 m/s	velocity		6.45		10.00		10.00		10.53		9.17	8.94	49.0			

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.1		5.1		7.0		9.0		11.06	11.06	6 / ~~2~~			
reaction time	0.135	interval				2.00		1.90		2.00		2.06	DV	# of strides			
wind	0.3 m/s	velocity		6.45		10.00		10.53		10.00		9.71	9.04	49.0			

Nyamahunge, Jacent (UGA) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.2		5.3		7.3		9.4		11.58	11.58	2 / 8			
reaction time	0.158	interval				2.10		2.00		2.10		2.18		# of strides			
wind	1.1 m/s	velocity		6.25		9.52		10.00		9.52		9.17	8.64	51.0			

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)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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	4.64	3.40	
wind	1.2 m/s	velocity			6.47			8.82		8.55		8.13	7.79		6.47	8.82	

Oarabile, Tshosa (BOT) (2001)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date	03-Aug-22	time		3.3		5.4		7.4		9.4		11.53	11.53	4 / ~~6~~ 5			
reaction time	0.186	interval				2.10		2.00		2.00		2.13		# of strides			
wind	0.3 m/s	velocity		6.06		9.52		10.00		10.00		9.39	8.67	51.0			

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)												*Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*			
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	4.43	3.20	3.30
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		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)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*			
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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time		3.58		5.90		8.20		10.61		13.06	13.06	1 / 8			
reaction time 0.165 interval				2.32		2.30		2.41		2.45		# of strides			
wind -1.3 m/s velocity		5.59		8.62		8.70		8.30		8.16	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)												*Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*			
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	/ 7			
reaction time interval		1.18	1.09	1.06	1.06	1.07	1.08	1.11	1.13	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)												*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-12 time					6.54	7.59	8.66	9.75	10.86	12.01	12.01	5 / 2			
reaction time interval						1.05	1.07	1.09	1.11	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				9.17

Ogawa, Haruka (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Shimane High School Championships (Izumo, JPN)												*Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*			
date 27-May-22 time			4.62			8.08			11.68	12.95	12.95	8 / 7			
reaction time interval						3.46			3.60	1.27		# of strides	4.62	3.46	3.60
wind 0.5 m/s velocity			6.49			8.67			8.33	7.87	7.72	56.5	6.49	8.67	8.33

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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 31-Aug-01 time		3.22	4.24	5.22		7.18		9.19		11.26	11.26	/ ~~4~~ 3			
reaction time 0.161 interval			1.02	0.98		1.96		2.01		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		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 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	2.00	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		# 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)												*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*			
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	/ 2			
reaction time 0.148 interval		1.16	1.07	1.04	1.03	1.02	1.03	1.05	1.07	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)												*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
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		# 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 Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
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		# 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)												*Omega Timing (2021) - diamond league race analysis*			
date 28-May-21 time		3.2		5.2		7.1		9.0		10.90	10.90	3 / 2			
reaction time 0.130 interval				2.00		1.90		1.90		1.90		# of strides			
wind 1.1 m/s velocity		6.25		10.00		10.53		10.53		10.53	9.17	47.0			
FINAL - 2019 Memorial van Damme (Brussels, BEL)												*Omega Timing (2019) - diamond league race analysis*			
date 06-Sep-19 time		3.3		5.3		7.3		9.2		11.24	11.24	7 / 5			
reaction time 0.153 interval				2.0		2.0		1.9		2.04		# of strides			
wind -0.3 m/s velocity		6.06		10.00		10.00		10.53		9.80	8.90	47.7			

FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN) *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

date	08-May-16	time	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		# 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) *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

date	29-Aug-11	time		3.09	4.14	5.14	6.14	7.10	8.08	9.04	10.05	11.12	11.12	2 / 5			
reaction time	0.147	interval			1.05	1.00	1.00	0.96	0.98	0.96	1.01	1.07		# of strides	4.14	2.96	2.94
wind	-1.4 m/s	velocity		6.47	9.52	10.00	10.00	10.42	10.20	10.42	9.90	9.35	8.99	47.4	7.25	10.14	10.20

Okayama, Saeko (JPN) (1982)

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

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	2.14	3.33	4.41	5.45	6.49	7.52	8.56	9.62	10.69	11.79	11.79	8 / 5			
reaction time		interval		1.19	1.08	1.04	1.04	1.03	1.04	1.06	1.07	1.10	PB	# of strides	4.41	3.11	3.17
wind	1.6 m/s	velocity	4.67	8.40	9.26	9.62	9.62	9.71	9.62	9.43	9.35	9.09	8.48	48.2	6.80	9.65	9.46

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	2.20	3.40	4.49	5.53	6.56	7.58	8.61	9.65	10.72	11.81	11.81	1 / 2			
reaction time		interval		1.20	1.09	1.04	1.03	1.02	1.03	1.04	1.07	1.09	PB	# of strides	4.49	3.09	3.14
wind	2.0 m/s	velocity	4.55	8.33	9.17	9.62	9.71	9.80	9.71	9.62	9.35	9.17	8.47	48.3	6.68	9.71	9.55

Okparaebo, Ezinne (NOR) (1988)

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

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

date	20-Jul-14	time			4.19			7.19		9.21		11.32	11.32	5 / 2			
reaction time		interval						3.00		2.02		2.11		# of strides	4.19	3.00	
wind	1.2 m/s	velocity			7.16			10.00		9.90		9.48	8.83		7.16	10.00	

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

date	28-Jul-13	time			4.20			7.15		9.13		11.21	11.21	3 / 4			
reaction time		interval						2.95		1.98		2.08		# of strides	4.20	2.95	
wind	2.2 m/s	velocity			7.14			10.17		10.10		9.62	8.92		7.14	10.17	

FINAL - 2013 European Indoor Championships (Göteborg, SWE) *Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	03-Mar-13	time		3.14		5.17		7.16					7.16	1 / 7			
reaction time	0.142	interval				2.03		1.99						# of strides			
		velocity		6.37		9.85		10.05					8.38	34.5			

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

date	16-Aug-09	time		3.16	4.21	5.22		7.25		9.29		11.44	11.44	6 / 5			
reaction time	0.158	interval			1.05	1.01		2.03		2.04		2.15		# of strides	4.21	3.04	
wind	-0.3 m/s	velocity		6.33	9.52	9.90		9.85		9.80		9.30	8.74		7.13	9.87	

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

date	16-Aug-09	time		3.16	4.19	5.19		7.20		9.22		11.35	11.35	7 / 2			
reaction time	0.155	interval			1.03	1.00		2.01		2.02		2.13		# of strides	4.19	3.01	
wind	-0.6 m/s	velocity		6.33	9.71	10.00		9.95		9.90		9.39	8.81		7.16	9.97	

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

date	06-Jul-08	time			4.22			7.24		9.29		11.42	11.42	5 / 1			
reaction time		interval						3.02		2.05		2.13		# of strides	4.22	3.02	
wind	1.0 m/s	velocity			7.11			9.93		9.76		9.39	8.76		7.11	9.93	

Okuno, Yume (JPN) (2003)

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

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) *Shibayama (2021) - national high school and U20 national championhsips*

date	29-Jul-21	time	2.11	3.31	4.40	5.46	6.50	7.54	8.59	9.66	10.75	11.85	11.85	6 / 6			
reaction time	0.139	interval		1.20	1.09	1.06	1.04	1.04	1.05	1.07	1.09	1.10		# of strides	4.40	3.14	3.21
wind	-0.2 m/s	velocity	4.74	8.33	9.17	9.43	9.62	9.62	9.52	9.35	9.17	9.09	8.44	51.0	6.82	9.55	9.35

Olear, Elizabeth (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	2.13	3.24	4.29	5.27	6.27	7.26	8.23	9.25	10.28	11.33	11.33	7 / 5			
reaction time		interval		1.11	1.05	0.98	1.00	0.99	0.97	1.02	1.03	1.05	PB	# of strides	4.29	2.97	3.02
wind	1.2 m/s	velocity	4.69	9.01	9.52	10.20	10.00	10.10	10.31	9.80	9.71	9.52	8.83		6.99	10.10	9.93

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

date	23-Jun-05	time	2.22	3.35	4.44	5.49	6.56	7.59	8.66	9.73	10.76	11.88	11.88	1 / 5			
reaction time		interval		1.13	1.09	1.05	1.07	1.03	1.07	1.07	1.03	1.12		# of strides	4.44	3.15	3.17
wind	-1.1 m/s	velocity	4.50	8.85	9.17	9.52	9.35	9.71	9.35	9.35	9.71	8.93	8.42		6.76	9.52	9.46

Oliere, Orlann (FRA) (1991)

	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	2.03	3.16	4.19	5.20	6.20	7.20	8.23	9.26	10.31	11.39	11.39	4 / 1			

reaction time	0.163	interval		1.13	1.03	1.01	1.00	1.00	1.03	1.03	1.05	1.08		# of strides	4.19	3.01	3.11
wind	-2.3 m/s	velocity	4.93	8.85	9.71	9.90	10.00	10.00	9.71	9.71	9.52	9.26	8.78		7.16	9.97	9.65

Oliver, Javianne (USA) (1994)

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

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

date	09-Sep-21	time		3.1		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) — *Omega Timing (2021) - diamond league race analysis*

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

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

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) — *PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*

date	08-Feb-20	time	2.13	3.21	4.21	5.20	6.16	7.13					7.13	2 / 1			
reaction time	0.203	interval		1.08	1.00	0.99	0.96	0.97						# of strides	4.21	2.92	
		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)

	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			7.56		9.68		11.92	11.92	3 / 6			
reaction time		interval						3.15		2.12		2.24		# of strides	4.41	3.15	
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) — *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time			4.51			7.66		9.81		12.08	12.08	/ 8			
reaction time		interval						3.15		2.15		2.27		# of strides	4.51	3.15	
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)

	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		3.25	4.30	5.32		7.36		9.44		11.57	11.57	/ 5			
reaction time		interval			1.05	1.02		2.04		2.08		2.13		# of strides	4.30	3.06	
wind	-0.4 m/s	velocity		6.15	9.52	9.80		9.80		9.62		9.39	8.64		6.98	9.80	

Onyali-Omagembi, Mary (NGR) (1968)

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

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

date	31-Aug-01	time		3.20	4.25	5.26		7.28		9.32		11.41	11.41	/ ~~5~~ 4			
reaction time	0.159	interval			1.05	1.01		2.02		2.04		2.09		# of strides	4.25	3.03	
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) — *Arnold (1992) - 1992 Olympic report: 100m men*

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) — *Pascua (1990) - atletismo (I) carreras y marcha*

date	09-Sep-89	time		3.14		5.16	6.14	7.14	8.14	9.15		11.23	11.23	/ 2			
reaction time		interval				2.02	0.98	1.00	1.00	1.01		2.08		# of strides			
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)

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

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

date	27-Jun-08	time	2.11	3.27	4.34	5.34	6.31	7.34	8.34	9.36	10.44	11.48	11.48	3 / 6			
reaction time		interval		1.16	1.07	1.00	0.97	1.03	1.00	1.02	1.08	1.04		# of strides	4.34	3.00	3.10
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		6.91	10.00	9.68

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

date	23-Jun-05	time	2.14	3.31	4.42	5.49	6.53	7.59	8.63	9.71	10.80	11.92	11.92	3 / 7			
reaction time		interval		1.17	1.11	1.07	1.04	1.06	1.04	1.08	1.09	1.12		# of strides	4.42	3.17	3.21

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		6.79	9.46	9.35

Osaki, Minami (JPN) (2003)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2017 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	27-May-17	time			4.63			8.03				13.02	13.02	3 / 6			
reaction time		interval						3.40				4.99		# of strides	4.63	3.40	
wind	-0.5 m/s	velocity			6.48			8.82				8.02	7.68	54.0	6.48	8.82	

Osayomi, Oludamola (NGR) (1986)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Heat 4 - 2009 IAAF World Championships (Berlin, ESP)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
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	

Oshita, Airi (JPN)			**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
FINAL - 2018 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	26-May-18	time			4.57			7.94			11.35	12.56	12.56	8 / 4			
reaction time		interval						3.37			3.41	1.21		# of strides	4.57	3.37	3.41
wind	1.8 m/s	velocity			6.56			8.90			8.80	8.26	7.96	53.0	6.56	8.90	8.80
FINAL - 2017 Shimane High School Championships (Izumo, JPN)														*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	27-May-17	time			4.70			8.13				13.05	13.05	2 / 7			
reaction time		interval						3.43				4.92		# of strides	4.70	3.43	
wind	-0.5 m/s	velocity			6.38			8.75				8.13	7.66	52.5	6.38	8.75	

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)														*(2015) - www.windsprint/Splittider/*			
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)														*(2013) - www.ssg.se/windsprint/Splittider/*			
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)														*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
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)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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)														*(2009) - www.ssg.se/en/Windsprint/Split-times/*			
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)														*(2017) - www.windsprint/Splittider/*			
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)														*(2016) - www.windsprint/Splittider/*			
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)														*(2016) - www.windsprint/Splittider/*			
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)														*(2015) - www.windsprint/Splittider/*			
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) *(2014) - www.ssg.se/windsprint/Splittider/*

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)														*Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*			
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)														*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	3.20	4.27	5.32	6.36	7.40	8.45	9.52	10.60	11.70	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	3.20
wind	0.0 m/s	velocity	4.93	8.55	9.35	9.52	9.62	9.62	9.52	9.35	9.26	9.09	8.55	55.0	7.03	9.58	9.38
Heat 3 - 2009 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
date	29-Apr-09	time	2.04	3.20	4.27	5.31	6.34	7.39	8.45	9.53	10.62	11.74	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	3.23
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	8.52	56.2	7.03	9.62	9.29
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	2.15	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
Heat 2 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	06-Jul-08	time	2.09	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
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	3.16	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
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	2.02	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
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	2.02	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
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	2.00	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

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)														*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
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)														*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date	08-Aug-10	time			4.43			7.53		9.61		11.78	11.78	/ 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)

FINAL - 2000 Olympic Games (Sydney, AUS)														*Veney - Sydney 100m women's splits*			
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)														*Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*			
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) *Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*

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

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) *Arnold (1992) - 1992 Olympic report: 100m men*

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			
wind	-1.0 m/s	velocity		6.41		10.15		10.53		10.31		10.36	9.19	47.7			

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

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

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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

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) *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	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) *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

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

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)

	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	2.14	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)

	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		3.26	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) *Graubner (2009) - http://www.fgs.uni-halle.de*															
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) *Graubner (2009) - http://www.fgs.uni-halle.de*															
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, Markétá (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	3.52		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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2010 German National Youth Championships (Ulm, GER)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
date 07-Aug-10	time	3.38	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)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
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)												*Graubner (2010) - http://www.fgs.uni-halle.de*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.10	3.28	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

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	3.27		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	

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)												*(2017) - www.windsprint/Splittider/*			
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	
A FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
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	
Heat 1 - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
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	
C FINAL - 2015 Windsprint (Sundsvall, SWE)												*(2015) - www.windsprint/Splittider/*			
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				
C FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
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	

Pan Yue (CHN) (2003)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)												*Shandong Athletics Sport Science (2024)*			
date 28-Jun-24	time	2.05	3.20	4.27	5.29	6.31	7.32	8.36	9.40	10.54	11.64	11.64	4 / 3			
reaction time 0.153	interval		1.15	1.07	1.02	1.02	1.01	1.04	1.04	1.14	1.10	**PB**	# of strides	4.27	3.05	3.22
wind 1.2 m/s	velocity	4.88	8.70	9.35	9.80	9.80	9.90	9.62	9.62	8.77	9.09	8.59	52.0	7.03	9.84	9.32
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	2.07	3.24	4.33	5.36	6.45	7.49					7.49	6 / 4			
reaction time 0.154	interval		1.17	1.09	1.03	1.09	1.04					**PB**	# of strides	4.33	3.16	
	velocity	4.83	8.55	9.17	9.71	9.17	9.62					8.01	33.0	6.93	9.49	
Heat 5 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23	time		3.29	4.40	5.45	6.51	7.57	8.64	9.71	10.84	11.98	11.98	4 / 1			

reaction time	0.207	interval		1.11	1.05	1.06	1.06	1.07	1.07	1.13	1.14		# of strides	4.40	3.17	3.27
wind	0.1 m/s	velocity	6.08	9.01	9.52	9.43	9.43	9.35	9.35	8.85	8.77	8.35	51.7	6.82	9.46	9.17

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)												*(2014) - www.ssg.se/windsprint/Splittider/*			
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	
C FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
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	
D FINAL - 2013 Windsprint (Sundsvall, SWE)												*(2013) - www.ssg.se/windsprint/Splittider/*			
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	
D FINAL - 2012 Windsprint (Sundsvall, SWE)												*(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*			
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	

Papaconstantinou, Marissa (CAN) (19

	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 2.45	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

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

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)												*Omega Timing (2021) - diamond league race analysis*			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
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) *Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997*

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) *Grosser (2007) - Schnelligkeitsairtraining*

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

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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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)												*USATF Women's Sprint Development (2004)*			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
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	1.03	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

Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.2		5.3		7.4		9.4		11.57	11.57	2 / ~~7~~ 6		
reaction time	0.174	interval				2.10		2.10		2.00		2.17		# of strides			
wind	0.3 m/s	velocity		6.25		9.52		9.52		10.00		9.22	8.64	50.0			

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	
	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	
	velocity			7.01		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	/ 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	9.35	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

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.1		5.2		7.2		9.2	11.35	11.35	8 / 4			
reaction time	0.117	interval				2.10		2.00		2.00	2.15		# of strides			
wind	0.0 m/s	velocity		6.45		9.52		10.00		10.00	9.30	8.81	52.5			

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				=PB	# of strides			
		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	/ 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) *Graubner (2009) - http://www.fgs.uni-halle.de*

date	01-Sep-00	time		3.16	4.21	5.23		7.21				11.27	11.27	/ ~~7~~ 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) *Jung (2003) - http://www.fgs.uni-halle.de*

date	21-Jun-97	time	2.01		4.25		7.22		9.21		11.23	11.23	/ 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) *Graubner (2007) - http://www.fgs.uni-halle.de*

date	08-Jun-97	time	1.99		4.19		7.11		9.06		11.05	11.05	/ 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) *Omega Timing (2023) - diamond league race analysis*

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)												*Francis (1997) - training for speed*			
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)												*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
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)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
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)												*(2008) - www.ssg.se/en/Windsprint/Split-times/*			
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)												*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*			
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)									*Omega Timing (2019) - diamond league race analysis*	
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)									*Graubner (2010) - http://www.fgs.uni-halle.de*	
date 06-Aug-10 time	3.31	4.37	5.39		7.41		9.48	11.64	11.64	/ 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)									*Graubner (2010) - http://www.fgs.uni-halle.de*	
date 06-Aug-10 time	3.26	4.32	5.35		7.38		9.45	11.58	11.58	/ 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)									*Graubner (2010) - http://www.fgs.uni-halle.de*	
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	1 / 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	9.65
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	10.24
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)												*Price (1994) - split times for 100m sprint, 1993 IAAF world championship*			
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)												*Arnold (1992) - 1992 Olympic report: 100m men*			
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			
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)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91 time			4.14			7.14		9.19		11.29	11.29	/ 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)												*Lyle (1990) - goodwill games women's 100m splits*			
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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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

Qin Qing (CHN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN)												*Shandong Athletics Sport Science (2023)*			
date 15-Mar-23 time	2.18	3.35	4.45	5.52	6.59	7.66					7.66	4 / 3			
reaction time 0.209 interval		1.17	1.10	1.07	1.07	1.07						# of strides	4.45	3.21	
velocity	4.59	8.55	9.09	9.35	9.35	9.35					7.83	34.0	6.74	9.35	

Qiu Zitong (CHN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)												*Shandong Athletics Sport Science (2022)*			
date 30-Aug-22 time	2.24	3.47	4.62	5.73	6.88	8.00	9.17	10.32	11.51	12.71	12.71	3 / 3			
reaction time 0.174 interval		1.23	1.15	1.11	1.15	1.12	1.17	1.15	1.19	1.20		# of strides	4.62	3.38	3.51
wind -0.1 m/s velocity	4.46	8.13	8.70	9.01	8.70	8.93	8.55	8.70	8.40	8.33	7.87	53.2	6.49	8.88	8.55

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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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	1.01						# of strides	4.28	3.03	
		velocity	4.81	8.62	9.62	9.90	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	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

Rees, Alisha (GBR) (1999)	**10m**	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22	time		3.2		5.2		7.3		9.3		11.47	11.47	1 / 7			
reaction time 0.135	interval				2.00		2.10		2.00		2.17		# of strides			
wind 1.1 m/s	velocity		6.25		10.00		9.52		10.00		9.22	8.72	50.0			

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	7 / 7			
reaction time 0.179	interval				2.20		2.00		2.10		2.17		# 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	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	5 / 6			
reaction time		interval		1.17	1.08	1.04	1.00	1.02	1.01	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	5 / ~~6~~ 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 Olympc 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	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	
		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	/ 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			
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
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	/ 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
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 0.164	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
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
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	/ ~~7~~ 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 Championsips (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		
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	/ 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	/ 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
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
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		
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)												*(2017) - www.windsprint/Splittider/*			

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

date	30-Jul-17	time			4.45		6.56	7.62		9.77		11.96	11.96	4 / 5		
reaction time		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) — *Paris 2024 Olympc Games - Results Book (2024)*

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	9.43	9.17	9.26	8.93	8.62	8.32	49.0	6.83	9.43	9.12

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

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

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

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

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

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

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

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

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

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

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

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	

Rubášová, Nikola (CZE) (1998)

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

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

date	28-Jun-14	time		3.67		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)

	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			4.65		8.06		10.41		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)

	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			4.15		7.04		9.00		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)												*(2011) - www.ssg.se/en/Windsprint/Split-times/*			
date 31-Jul-11	time			4.12		7.08		9.08		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)												*(2010) - www.ssg.se/en/Windsprint/Split-times/*			
date 08-Aug-10	time			4.19		7.18		9.14		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	

Ruu, Iida (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Shimane High School Championships (Izumo, JPN)												*Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*			
date 29-May-21	time			4.62		8.03			11.57	12.81	12.81	2 / 7			
reaction time	interval					3.41			3.54	1.24		# of strides	4.62	3.41	3.54
wind 2.3 m/s	velocity			6.49		8.80			8.47	8.06	7.81	60.3	6.49	8.80	8.47

Ryemyen, Mariya (UKR) (1987)

	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		5.11		7.10					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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2016 Windsprint (Sundsvall, SWE)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time			4.84		8.16				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)												*(2016) - www.windsprint/Splittider/*			
date 31-Jul-16	time			4.84		8.22				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	

Šafríková, Petra (CZE) (1998)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14	time	2.18	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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2001 European Cup (Bremen, GER)												*Graubner (2007) - http://www.fgs.uni-halle.de*			
date 23-Jun-01	time	3.34	4.37	5.36		7.29		9.23		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)												*Jung (2003) - http://www.fgs.uni-halle.de*			
date 21-Jun-97	time	2.07		4.29		7.28		9.32		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)

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

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

date	02-Jun-24	time	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) *Omega Timing (2024) - diamond league race analysis*

date	02-Jun-24	time	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)

	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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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

date	04-Oct-19	time			4.47		6.62					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) *Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data*

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

Sahlqvist, Esther (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) *Omega Timing (2024) - diamond league race analysis*

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)

	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		3.13		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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	05-Jun-10	time		3.26	4.29	5.28		7.26		9.27		11.32	11.32	/ 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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	05-Jun-10	time		3.21	4.25	5.25		7.24		9.26		11.33	11.33	/ 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) *Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*

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

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

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

date	14-Jun-09	time		3.19	4.23	5.24		7.24		9.31		11.41	11.41	/ 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) *Seeger (2010) - DLV B-Trainer Ausbildung - sprint*

date	05-Jul-08	time		3.17	4.21	5.21		7.21		9.22		11.28	11.28	/ 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

Saito, Ami (JPN) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
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)												*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*			
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)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
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)												*Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*			
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)												*Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19 time			4.45		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		

Sakakibara, Sora (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date 11-Jul-20 time			4.70			8.23			11.88	13.17	13.17	3 / 7			
reaction time interval						3.53			3.65	1.29		# of strides	4.70	3.53	3.65
wind 2.1 m/s velocity			6.38			8.50			8.22	7.75	7.59	55.0	6.38	8.50	8.22

Sakamoto, Minami (JPN) (2006)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
date 29-Jul-21 time	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												*Kishima (2022) - national high school championships biomechanics data collection*			
date 04-Aug-22 time	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)

	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		6.53					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, 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		3.29	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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		9.4		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)

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

Heat 2 - 2016 Windsprint (Sundsvall, SWE) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.58		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)

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

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

date	31-Jul-16	time		4.68		8.02			12.66	12.66	3 / 2				
reaction time		interval				3.34			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) *(2016) - www.windsprint/Splittider/*

date	31-Jul-16	time		4.73		8.12			12.84	12.84	7 / 5				
reaction time		interval				3.39			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)

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

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

date	28-Jul-13	time		4.39		7.49		9.57		11.73	11.73	2 / 2			
reaction time		interval				3.10		2.08		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) *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time		4.32		7.45		9.56		11.72	11.72	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) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		4.50		7.75		9.94		12.23	12.23	/ 7			
reaction time		interval				3.25		2.19		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)

	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	3.32	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		# 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)

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

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	6.33	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	9.80	9.62	9.52	9.26	9.09	8.61	52.2	7.01	9.77	9.46

Heat 2 - 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	3.22	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	8.55	52.6	6.99	9.71	9.38

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	2.08	3.23	4.30	5.34	6.36	7.38	8.41	9.45	10.52	11.59	11.59	/ 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	9.55

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

date	28-Jun-09	time	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	9.35

Santos, Rosangela (BRA) (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	2.04	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	10.24

Sarvari, Ulrike (FRG) (1964)

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

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

date	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	10.14

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

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	10.14	9.71

Sasaki, Azusa (JPN) (1998)

FINAL - 2016 Japanese National High School Championships (Okayama, JPN) — *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-16	time	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)

Semi-Final 2 - 2017 National Sports Festival (Matsuyama, JPN) — *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	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) — *Yanagiya (2014) - research on athlete performance and technique- 2014 data book*

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)

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) — *Shibayama (2021) - national high school and U20 national championhsips*

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

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-17	time			4.40			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) — *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

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)

FINAL - 2022 Japanese National High School Championships (Naruto, JPN) — *Kishima (2022) - national high school championships biomechanics data collection*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) — *Shibayama (2021) - national high school and U20 national championhsips*

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)

FINAL - 2016 Japanese National High School Championships (Okayama, JPN) — *Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-16	time		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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	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) — *Graubner (2009) - http://www.fgs.uni-halle.de*

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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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) *Omega Timing (2019) - diamond league race analysis*

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	4.25	2.82	2.89
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		
		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	4.67	3.25
wind	0.4 m/s	velocity		5.65	8.85	9.09		9.30		9.05		8.85	8.07		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) - geschindigkeitsdynamik von sprintern 100m-lauf beir 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	4.26	2.96
wind	1.3 m/s	velocity			7.04			10.14		10.15		9.85	8.91		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	4.57	3.37
wind	1.2 m/s	velocity			6.56			8.90		8.66		8.16	7.87		6.56	8.90

Sebele, Tsaone (BOT) (1993)

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

Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR) *Longines Timing (2022) - commonwealth games race analysis*

date	03-Aug-22	time		3.3		5.4		7.4		9.5		11.71	11.71	2 / 8		
reaction time	0.147	interval				2.10		2.00		2.10		2.21		# of strides		
wind	0.0 m/s	velocity		6.06		9.52		10.00		9.52		9.05	8.54	50.0		

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	4.39	3.13	3.23
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	4.23	3.02	3.09
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		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	4.19	2.95	3.01
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	52.0	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	4.38	3.10	3.25
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		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	4.75	3.48	3.59
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		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	4.33	3.16	3.26
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	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	4.34	3.20	3.29
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	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	4.36	3.15	3.21
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	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			
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	8.19	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	1.07	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	9.62	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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	02-Aug-24	time	2.12	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		
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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	02-Aug-24	time	2.12	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)

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

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

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	09-Sep-19	time			6.58					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)

FINAL - 2022 Memorial van Damme (Brussels, BEL) *Omega Timing (2022) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	02-Sep-22	time		3.24		5.26		7.19		9.14		11.15	11.15	1 / 7		
reaction time	0.196	interval				2.02		1.93		1.95		2.01		# of strides		
wind	0.6 m/s	velocity		6.17		9.90		10.36		10.26		9.95	8.97	47.7		

Shi Ruixin (CHN)

U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Aug-22	time	2.18	3.45	4.62	5.76	6.90	8.04	9.20	10.38	11.58	12.82	12.82	4 / 5		
reaction time	0.195	interval		1.27	1.17	1.14	1.14	1.14	1.16	1.18	1.20	1.24		# of strides	4.62	3.42	3.54
wind	-0.1 m/s	velocity	4.59	7.87	8.55	8.77	8.77	8.77	8.62	8.47	8.33	8.06	7.80	53.5	6.49	8.77	8.47

Shibafuji, Nao (JPN)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-23	time	2.05	3.25	4.36	5.44	6.52	7.60	8.70	9.81	10.93	12.07	12.07	4 / 2		
reaction time	0.210	interval		1.20	1.11	1.08	1.08	1.08	1.10	1.11	1.12	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	9.26	9.09	9.01	8.93	8.77	8.29		6.88	9.26	9.01

Shibato, Rin (JPN) (2005)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	03-Aug-23	time	2.08	3.30	4.42	5.51	6.58	7.67	8.75	9.85	10.95	12.07	12.07	7 / 3		
reaction time	0.193	interval		1.22	1.12	1.09	1.07	1.09	1.08	1.10	1.10	1.12		# of strides	4.42	3.25	3.28
wind	-2.9 m/s	velocity	4.81	8.20	8.93	9.17	9.35	9.17	9.26	9.09	9.09	8.93	8.29		6.79	9.23	9.15

Shibayama, Sayaka (JPN) (1997)

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) *Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	30-Jul-15	time			4.33	5.40	6.44	7.52	8.58	9.66	10.75	11.89	11.89	/ 2		
reaction time		interval				1.07	1.04	1.08	1.06	1.08	1.09	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		6.93	9.40	9.29

Shigenaga, Noriko (JPN) (1995)

FINAL - 2013 Japanese National High School Championships (Oita, JPN) *Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	31-Jul-13	time	2.11	3.31	4.40	5.46	6.52	7.59	8.67	9.77	10.90	12.04	12.04	/ 6		
reaction time		interval		1.20	1.09	1.06	1.06	1.07	1.08	1.10	1.13	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) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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	9 / 8		
reaction time		interval		1.18	1.09	1.05	1.05	1.06	1.06	1.08	1.10	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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	/ 3		
reaction time	0.103	interval		1.17	1.08	1.05	1.06	1.06	1.07	1.09	1.11	1.12	**=PB**	# 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) *Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics*

date	30-Jul-12	time					6.54	7.62	8.71	9.83	10.99	12.18	12.18	2 / 8		
reaction time		interval						1.08	1.09	1.12	1.16	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				8.90

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	7.63	8.72	9.82	10.97	12.15	12.15	3 / 5		
reaction time		interval						1.09	1.09	1.10	1.15	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				8.98

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	/ 6		
reaction time		interval		1.16	1.05	1.03	1.03	1.05	1.07	1.10	1.12	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

Shimizu, Megumi (JPN) (1987)

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

Semi-Final 1 - 2012 Kokutai National Sport Festival (Gifu, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	06-Oct-12	time	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) *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

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)

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

U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN) *Enomoto (2019) - research on athlete performance and technique- 2019 data book*

date	04-Oct-19	time			4.55		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)

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

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

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

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

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)

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

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

date	24-Sep-06	time	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)

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

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

date	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	1 / 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)

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

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)

	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		7.4		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)

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

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

date	30-Jul-17	time			4.42		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) — *(2016) - www.windsprint/Splittider/*

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

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)

	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						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)

	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	2.26	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) — *Feher (2012) - Czech Republic indoor national championships - women's 60m*

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)

	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			4.32			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) — *(2011) - www.ssg.se/en/Windsprint/Split-times/*

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

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

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	

Slavetínská, Karolína (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.62		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)

	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		4.51		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) *(2014) - www.ssg.se/windsprint/Splittider/*

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	

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)

	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	2.09	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)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)												*(2007) - www.ssg.se/en/Windsprint/Split-times/*			
date	24-Jul-07	time		4.46		7.69		9.83		12.10	12.10	/ 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		6.73	9.29	

Smith, Caitland (USA) (1996)

	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			6.41					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	51.5			

Smith, Caryl (USA) (1969)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1986 IAAF World Junior Championships (Athens, GRE)												*Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*			
date 17-Jul-86 time	2.08	3.26	4.42	5.36	6.35	7.35	8.34	9.45	10.40	11.45	11.45	/ 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	1 / 6			
reaction time 0.146 interval										4.97		# of strides			
wind -0.2 m/s velocity					8.06					10.06	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)

	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	2.09	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			
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)												*USATF Women's Sprint Development (2005)*			
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)												*USATF Women's Sprint Development (2005)*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)

FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)												*Omega Timing (2022) - diamond league race analysis*			
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)												*Federle (2003) - http://www.fgs.uni-halle.de*			
date 29-Jun-91 time			4.40			7.62		9.80		12.04	12.04	/ 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	

Sögnesand, 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)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.74			8.21		10.59		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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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) *USATF Women's Sprint Development with HPC (2008)*

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) *USATF Women's Sprint Development (2006)*

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 / ~~8~~ 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) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2003)*

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

Soma, Eriko (JPN) (1991)

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

FINAL - 2009 Japanese National High School Championships (Nara, JPN) *Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*

date	30-Jul-09	time		4.35	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)

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

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

date	31-Jul-16	time		4.64			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) *(2016) - www.windsprint/Splittider/*

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

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

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

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)

	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	2.09	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)

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

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

date	15-Jun-13	time		3.31		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)

	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	5.14	7.11			7.11	4 / 3
reaction time	0.159	interval		2.03	1.97				# of strides
		velocity	6.43	9.85	10.15			8.44	34.0

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

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Bauhaus Galan (Stockholm, SWE) *Omega Timing (2020) - diamond league race analysis*															
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)

	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) *Swiss Athletics (2016) - sprint and hurdle analysis*															
date 27-Feb-16	time		4.44			7.56					7.56	/ 5			
reaction time	interval					3.12						# of strides	4.44	3.12	
	velocity		6.76			9.62					7.94	31.6	6.76	9.62	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI) *Swiss Athletics (2016) - sprint and hurdle analysis*															
date 27-Feb-16	time		4.45			7.62					7.62	/ 3			
reaction time	interval					3.17						# of strides	4.45	3.17	
	velocity		6.74			9.46					7.87		6.74	9.46	

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) *Graubner (2007) - http://www.fgs.uni-halle.de*															
date 23-Jun-01	time	3.40	4.50	5.56		7.65		9.81		12.04	12.04	/ 8			
reaction time 0.292	interval		1.10	1.06		2.09		2.16		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		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) - geschindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76*															
date 29-May-76	time		4.23			7.14		9.10		11.10	11.10	/ 1			
reaction time	interval					2.91		1.96		2.00		# of strides	4.23	2.91	
wind 1.3 m/s	velocity		7.09			10.31		10.20		10.00	9.01		7.09	10.31	
FINAL - 1973 East German Spitzenklasse (Dresden, GDR) *Tepper (1978) - Analyse der traininsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F*															
date 20-Jul-73	time		4.22			7.17		9.12		11.07	10.80	/ 1			
reaction time	interval					2.95		1.95		1.95	=WR / =PB	# of strides	4.22	2.95	
wind 1.8 m/s	velocity		7.11			10.17		10.26		10.26	9.26		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	3 / 1			
reaction time	interval					2.95		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	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) *Paris 2024 Olympc Games - Results Book (2024)*															
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		# of strides	4.26	3.03	3.10
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	9.90	9.68

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) *Omega Timing (2023) - diamond league race analysis*															
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		# of strides	4.23	2.95	2.99
wind -0.4 m/s	velocity	4.88	8.70	9.71	10.10	10.20	10.20	10.00	10.20	9.90	9.43	8.90	54.0	7.09	10.17	10.03

Stene Stensheim, Jeanette (NOR) (19

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2009 Windsprint (Sundsvall, SWE) *(2009) - www.ssg.se/en/Windsprint/Split-times/*															
date 25-Jul-09	time		4.72			8.36		10.74		13.23	13.23	/ 1			
reaction time	interval					3.64		2.38		2.49		# of strides	4.72	3.64	
wind 0.8 m/s	velocity		6.36			8.24		8.40		8.03	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) *(2013) - www.ssg.se/windsprint/Splittider/*															
date 28-Jul-13	time		4.72			8.13		10.40		12.74	12.74	1 / 6			
reaction time	interval					3.41		2.27		2.34		# of strides	4.72	3.41	

wind	2.7 m/s	velocity		6.36			8.80		8.81		8.55	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)														*KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*			
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		# of strides	4.18	2.93	2.92
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	10.27
FINAL - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	17-Aug-09	time		3.11	4.11	5.07		6.96		8.82		10.75	10.75	4 / 2			
reaction time	0.170	interval			1.00	0.96		1.89		1.86		1.93	**PB**	# 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	49.5	7.30	10.53	
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	17-Aug-09	time		3.09	4.09	5.06		6.94		8.87		10.84	10.84	4 / 2			
reaction time	0.155	interval			1.00	0.97		1.88		1.93		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		7.33	10.53	
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	16-Aug-09	time		3.06	4.07	5.05		6.99		8.90		10.92	10.92	5 / 1			
reaction time	0.149	interval			1.01	0.98		1.94		1.91		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		7.37	10.27	
Heat 2 - 2009 IAAF World Championships (Berlin, GER)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	16-Aug-09	time		3.15	4.18	5.17		7.20		9.23		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**
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**
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**

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	/ 7		
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	/ 4		
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)														*Omega Timing (2023) - continental tour race analysis*			
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

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

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		2.10		# of strides			
wind	-0.1 m/s	velocity		6.35		9.76		9.90		9.85		9.52	8.81	52.0			

Sturrup, 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)														*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			
date	17-Aug-09	time		3.11	4.13	5.11		7.07		9.02		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	51.8	7.26	10.20	

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

date	17-Aug-09	time		3.11	4.12	5.10		7.08		9.01		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		7.28	10.14	

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

date	16-Aug-09	time		3.13	4.16	5.15		7.11		9.03		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		7.21	10.17	

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

date	16-Aug-09	time		3.16	4.19	5.19		7.19		9.17		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		7.16	10.00	

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

date	14-Jun-09	time		3.20	4.23	5.22		7.16		9.15		11.18	11.18	/ 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		7.09	10.24	

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

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

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

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

date	24-Sep-00	time		4.04		6.11	7.15	8.17		10.14	11.21	11.21	6 / ~~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		7.43	9.65	10.03

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

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

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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13	time	3.39		5.59		7.74		9.92		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				

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	2.22	3.45	4.57	5.65	6.77	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	
		velocity	4.50	8.13	8.93	9.26	8.93	9.17				7.63		6.56	9.12	

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**
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	/ 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**
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)												*PBL (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			3.29
wind -1.0 m/s	velocity				7.53	9.35	9.17	9.26	8.93	8.70	8.23				9.12

Sugiyama, Miki (JPN) (1995)

	10m	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
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	/ 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**
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**
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)												*Shibayama (2021) - national high school and U20 national championhsips*			
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

Sumi, Yoshiko (JPN)

	10m	**20m**	**30m**	**40m**	**50m**	**60m**	**70m**	**80m**	**90m**	**100m**	**Official Time**	**Lane / Place**	**0-30m**	**30-60m**	**60-90m**
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	2.11	3.31	4.40	5.46	6.49	7.54	8.59	9.66	10.75	11.88	11.88	5 / 4		
reaction time 0.151	interval		1.20	1.09	1.06	1.03	1.05	1.05	1.07	1.09	1.13		# of strides	4.40	3.14	3.21
wind 2.0 m/s	velocity	4.74	8.33	9.17	9.43	9.71	9.52	9.52	9.35	9.17	8.85	8.42	56.5	6.82	9.55	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**
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			

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

reaction time		interval			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/SprintHäck/KortSprint.aspx*

date	17-Jun-12	time	4.72		8.16		10.50	12.97	12.97	/ 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	/ 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		

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
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
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
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	9.62	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

Švejodová, Monika (CZE) (1996)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)														*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time		3.73		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
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**
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 Olympc 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 Olympc 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 Olympc 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 Olympc 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) *Omega Timing (2022) - diamond league race analysis*

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

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

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

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

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 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.93	3.10	4.15	5.15	6.11	7.04	8.00	8.95	9.95	10.93	10.93	5 / 7			
reaction time	0.150	interval		1.17	1.05	1.00	0.96	0.93	0.96	0.95	1.00	0.98		# of strides	4.15	2.89	2.91
wind	0.8 m/s	velocity	5.18	8.55	9.52	10.00	10.42	10.75	10.42	10.53	10.00	10.20	9.15	51.5	7.23	10.38	10.31

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

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'Athlétime (Rabat, MAR) *Omega Timing (2022) - diamond league race analysis*

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

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

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

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

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

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

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

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

date	17-Sep-20	time		3.2		5.2		7.1		9.1		11.14	11.14	7 / 3					
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) *Omega Timing (2020) - diamond league race analysis*

date	23-Aug-20	time		3.2		5.3		7.2		9.2		11.32	11.32	4 / 3					
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) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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					
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) *Omega Timing (2019) - diamond league race analysis*

date	06-Sep-19	time		3.2		5.2		7.1		9.1		11.09	11.09	6 / 3					
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) *Omega Timing (2019) - diamond league race analysis*

date	24-Aug-19	time					6.2					11.13	11.13	5 / 2					
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) *Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m*

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					
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**

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

date	31-Aug-01	time		3.28	4.33	5.34		7.33		9.36		11.46	11.46	/ ~~8~~ 7					
reaction time	0.169	interval			1.05	1.01		1.99		2.03		2.10		# of strides	4.33	3.00			

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

wind	0.5 m/s	velocity		6.10	9.52	9.90		10.05		9.85		9.52	8.73		6.93	10.00

Táborská, Monika (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	2.18	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
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		3.34		5.50		7.57		9.72		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				
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
date 25-Feb-12 time	2.18	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	
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	2.17	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	
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	2.19	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	

Tachiyama, Kie (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	2.10	3.29	4.39	5.45	6.50	7.56	8.63	9.72	10.83	11.96	11.96	/ 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

Takács, Boglárka (HUN) (2001)

	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	2.09	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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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)												*Omega Timing (2024) - diamond league race analysis*			
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)												*Omega Timing (2024) - diamond league race analysis*			
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

Takada, Momoka (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 26-May-18 time			4.47			7.74			11.08	12.26	12.26	4 / 2			
reaction time interval						3.27			3.34	1.18		# of strides	4.47	3.27	3.34
wind 1.8 m/s velocity			6.71			9.17			8.98	8.47	8.16	56.0	6.71	9.17	8.98
FINAL - 2017 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-17 time			4.53			7.90				12.64	12.64	5 / 3			
reaction time interval						3.37				4.74		# of strides	4.53	3.37	
wind -0.5 m/s velocity			6.62			8.90				8.44	7.91	56.5	6.62	8.90	

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)														*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*			
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			
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)														*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
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	/ 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)														*Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*			
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	9.43	9.35	9.09	8.85	8.43	55.0	6.93	9.46	9.29

Takahashi, Mihiro (JPN)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Shimane High School Championships (Izumo, JPN)														*Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*			
date	25-May-24	time			4.68			8.13			11.75	13.00	13.00	5 / 7			
reaction time		interval						3.45			3.62	1.25		# of strides	4.68	3.45	3.62
wind	1.2 m/s	velocity			6.41			8.70			8.29	8.00	7.69	54.0	6.41	8.70	8.29

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)														*Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*			
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)														*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*			
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)														*Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*			
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)														*Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*			
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	/ 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)														*Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*			
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)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
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	/ 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) *Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data*

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

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

Takara, Kana (JPN)

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

A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN) *Kobayashi (2020) - national high school and U20 national championhsips*

date	24-Oct-20	time	2.07	3.28	4.38	5.45	6.51	7.56	8.63	9.72	10.82	11.96	11.96	1 / 6			
reaction time	0.147	interval		1.21	1.10	1.07	1.06	1.05	1.07	1.09	1.10	1.14		# of strides	4.38	3.18	3.26
wind	2.0 m/s	velocity	4.83	8.26	9.09	9.35	9.43	9.52	9.35	9.17	9.09	8.77	8.36	53.8	6.85	9.43	9.20

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

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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	9.23

Tamaki, Mayu (JPN)

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

FINAL - 2024 Shimane High School Championships (Izumo, JPN) *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

date	25-May-24	time			4.50			7.82			11.33	12.55	12.55	6 / 3			
reaction time		interval						3.32			3.51	1.22		# of strides	4.50	3.32	3.51
wind	1.2 m/s	velocity			6.67			9.04			8.55	8.20	7.97	59.0	6.67	9.04	8.55

FINAL - 2023 Shimane High School Championships (Izumo, JPN) *Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis*

date	27-May-23	time			4.50			7.83			11.25	12.49	12.49	8 / 5			
reaction time		interval						3.33			3.42	1.24		# of strides	4.50	3.33	3.42
wind	2.1 m/s	velocity			6.67			9.01			8.77	8.06	8.01	59.5	6.67	9.01	8.77

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

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	9.87

Tanagiya, Tomomi (JPN) (1999)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	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

Tanaka, Rina (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 26-May-18	time			4.55			7.94			11.45	12.67	12.67	7 / 6			
reaction time	interval						3.39			3.51	1.22		# of strides	4.55	3.39	3.51
wind 1.8 m/s	velocity			6.59			8.85			8.55	8.20	7.89	55.0	6.59	8.85	8.55

Tanderud, Elvira (SWE) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												*Omega Timing (2024) - diamond league race analysis*			
date 02-Jun-24	time	2.15	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

Tao Yuqing (CHN) (2007)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												*Shandong Athletics Sport Science (2024)*			
date 12-Mar-24	time	2.12	3.28	4.33	5.35	6.41	7.46					7.46	5 / 3			
reaction time 0.173	interval		1.16	1.05	1.02	1.06	1.05					**=PB**	# of strides	4.33	3.13	
	velocity	4.72	8.62	9.52	9.80	9.43	9.52					8.04	31.0	6.93	9.58	

Taplin, Cheryl (USA) (1972)

	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	1.96		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)												*USATF Women's Sprint Development (1996)*			
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)												*Lyle - miscellaneous coaching notes*			
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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USATF National Junior Championships (Columbus, OH)												*USATF Women's Sprint Development with HPC (2008)*			
date 20-Jun-08	time	2.08	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)												*USATF Women's Sprint Development (2006)*			
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

Taro, Haruka (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20	time	2.12	3.32	4.42	5.49	6.54	7.60	8.67	9.77	10.89	12.06	12.06	7 / 4			
reaction time 0.147	interval		1.20	1.10	1.07	1.05	1.06	1.07	1.10	1.12	1.17		# of strides	4.42	3.18	3.29
wind -0.5 m/s	velocity	4.72	8.33	9.09	9.35	9.52	9.43	9.35	9.09	8.93	8.55	8.29	53.0	6.79	9.43	9.12

Tashiro, Narumi (JPN) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Japanese National High School Championships (Nara, JPN)												*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-09	time			4.38	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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)												*Graubner (2009) - biomechanical analyses at the 12th IAAF world championships*			

date	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) (195

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA)												*Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes*				
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)													*Francis (1997) - training for speed*			
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)													*Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*			
date 29-Aug-87	time			4.15			7.02				10.99	10.99	4 / ~~1~~			
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
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
Heat 5 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc 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
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
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			

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

reaction time	0.163	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**
FINAL - 2024 Olympic Games (Paris, FRA)														*Paris 2024 Olympc 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 Olympc 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 Olympc 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	
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
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
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
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

Semi-Final 2 - 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	11.05	11.05	4 / 1
reaction time	0.157	interval		2.00	1.90	1.90	2.15		# of strides
wind	0.0 m/s	velocity	6.45	10.00	10.53	10.53	9.30	9.05	50.0

FINAL - 2022 World Athletics Championships (Eugene, OR) *Zheng (2022) - study on the speed characterisitcs of women's 100m finals at 2022 world championships*

date	18-Jul-22	time	1.96	3.12	4.18	5.11	6.02	6.98	7.94	8.88	9.85	10.81	10.81	4 / 3		
reaction time	0.149	interval		1.16	1.06	0.93	0.91	0.96	0.96	0.94	0.97	0.96		# of strides	4.18	2.80	2.87
wind	0.8 m/s	velocity	5.10	8.62	9.43	10.75	10.99	10.42	10.42	10.64	10.31	10.42	9.25	50.0	7.18	10.71	10.45

FINAL - 2022 Meeting International Mohammed VI d'Athlétime (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) *Omega Timing (2021) - diamond league race analysis*

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

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

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	4.07	2.80
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) *Omega Timing (2020) - diamond league race analysis*

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

Thompson, Elaine (JAM) (1992)

FINAL - 2019 IAAF World Championships (Doha, QAT) *Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan*

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) *Omega Timing (2019) - diamond league race analysis*

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

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

Tian Yumei (CHN) (1965)

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

FINAL - 1993 Chinese National Games (Beijing, CHN) *Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*

date	08-Aug-93	time			4.33			7.43		9.59		11.77	11.77	???		
reaction time		interval						3.10		2.16		2.18		# of strides	4.33	3.10
wind	1.2 m/s	velocity			6.93			9.68		9.26		9.17	8.50		6.93	9.68

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

FINAL - 1990 Asian Games (Beijing, CHN) *Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*

date	02-Oct-90	time	4.31		7.44	9.57	11.80	11.80	/ 1			
reaction time		interval			3.13	2.13	2.23		# of strides	4.31	3.13	
wind	-3.4 m/s	velocity	6.96		9.58	9.39	8.97	8.47	54.9	6.96	9.58	

Tollin, Julia (SWE) (1989)

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

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

date	24-Jul-07	time	4.47		7.82	10.04	12.35	12.35	/ 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)

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

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

date	31-Jul-16	time	4.58		7.77		12.10	12.10	6 / 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)

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

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

date	31-Jul-16	time	4.63		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) *(2016) - www.windsprint/Splittider/*

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

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

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	

Torrence, Gwen (USA) (1965)

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

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

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) *USATF Women's Sprint Development (1996)*

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) *Lyle - miscellaneous coaching notes*

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) *Price (1994) - split times for 100m sprint, 1993 IAAF world championship*

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) *Arnold (1992) - 1992 Olympic report: 100m men*

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) *Butler (2013) - IAAF world championships statistics handbook- moscow 2013*

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

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

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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												*Paris 2024 Olympc Games - Results Book (2024)*			
date	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)

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

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

Toya, Moenan (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date	26-May-18	time			4.53			7.81			11.17	12.34	12.34	6 / 3			
reaction time		interval						3.28			3.36	1.17		# of strides	4.53	3.28	3.36
wind	1.8 m/s	velocity			6.62			9.15			8.93	8.55	8.10	53.5	6.62	9.15	8.93

Tran, Thi Nhi Yan (VIE) (2005)

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

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)

	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			4.71			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
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	

Tsugumi, Kaneko (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2020 Shimane High School Championships (Izumo, JPN)												*Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*			
date	11-Jul-20	time			4.62			7.95			11.42	12.67	12.67	5 / 4			
reaction time		interval						3.33			3.47	1.25		# of strides	4.62	3.33	3.47
wind	2.1 m/s	velocity			6.49			9.01			8.65	8.00	7.89	56.0	6.49	9.01	8.65

Tsuha, Akane (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Japanese National High School Championships (Nara, JPN)												*Mitsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection*			
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
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			4.45			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	3.40

wind	-3.0 m/s	velocity			6.74			9.06			8.82	8.40	8.10		6.74	9.06	8.82

Tsuruta, Remi (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)												*Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*			
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	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	3.07	3.11
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	8.67		7.01	9.77	9.65
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	3.27	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	3.15	3.18
wind -0.8 m/s velocity	4.83	8.33	9.09	9.43	9.62	9.52	9.52	9.43	9.35	9.17	8.48		6.86	9.52	9.43
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	3.22	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	4.29	3.06	3.07
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		6.99	9.80	9.77
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	2.05	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	3.14	3.16
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		6.91	9.55	9.49

Tsuruzawa, Arisa (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)												*Kobayashi (2020) - national high school and U20 national championhsips*			
date 24-Oct-20 time	2.06	3.26	4.37	5.44	6.50	7.56	8.62	9.70	10.80	11.92	11.92	2 / 5			
reaction time 0.138 interval		1.20	1.11	1.07	1.06	1.06	1.06	1.08	1.10	1.12		# of strides	4.37	3.19	3.24
wind 2.0 m/s velocity	4.85	8.33	9.01	9.35	9.43	9.43	9.43	9.26	9.09	8.93	8.39	52.6	6.86	9.40	9.26

Tugade, Regine (GUM) (1998)

	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 Olympc Games - Results Book (2024)*			
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	3.16	3.28
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	52.2	6.77	9.49	9.15

Turner, Laura (GBR) (1982)

	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			4.34			7.52		9.68		11.95	11.95	1 / 6			
reaction time interval						3.18		2.16		2.27		# of strides	4.34	3.18	
wind 1.0 m/s velocity			6.91			9.43		9.26		8.81	8.37		6.91	9.43	
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		# 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		# 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
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	3.05	3.04
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		6.99	9.84	9.87

Udo-Gabriel, Joy (NGR) (1999)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)												*Longines Timing (2022) - commonwealth games race analysis*			
date 03-Aug-22 time		3.1		5.1		7.2		9.2		11.45	11.45	1 / 6			
reaction time 0.145 interval				2.00		2.10		2.00		2.25		# of strides			
wind 0.0 m/s velocity		6.45		10.00		9.52		10.00		8.89	8.73	50.0			

Ullgren, Moa (SWE) (1996)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
D FINAL - 2014 Windsprint (Sundsvall, SWE)												*(2014) - www.ssg.se/windsprint/Splittider/*			
date 20-Jul-14 time			4.63			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)

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

date	04-Oct-19	time			4.43		6.63					12.12	12.12	5 / 1		
reaction time	0.162	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)

	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	2.14	3.25	4.35	5.35	6.37	7.40	8.46	9.54	10.62	11.71	11.71	3 / 3			
reaction time 0.141 interval		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)												*Feher (2013) - Final report from the men's & women's Czech Republic national championships*			
date 15-Jun-13 time		3.26		5.38		7.48		9.64		11.88	11.88	4 / 1			
reaction time 0.140 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)												*Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data*			
date 03-Aug-18 time	2.02	3.20	4.29	5.34	6.38	7.42	8.48	9.56	10.65	11.77	11.77	/ 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)												*Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-17 time			4.31			7.55			10.89	12.06	12.06	4 / 2			
reaction time 0.140 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)												*Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-16 time		3.16	4.36	5.47	6.56	7.67	8.76	9.90		12.20	12.20	/ 6			
reaction time 0.139 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)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date 28-Jun-14 time		3.48		5.75		8.01		10.34		12.73	12.73	3 / 5			
reaction time 0.169 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)

	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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.57			7.93					7.93	/ 7			
reaction time interval						3.36						# of strides	4.57	3.36	
velocity			6.56			8.93					7.57		6.56	8.93	

van Camp, Emma (SUI) (2004)

	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	2.06	3.25	4.30	5.32	6.33	7.35	8.39	9.43	10.49	11.59	11.59	1 / 8			
reaction time 0.149 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)												*Omega Timing (2024) - diamond league race analysis*			
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 0.185 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)												*Omega Timing (2022) - diamond league race analysis*			
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)

	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)												*Swiss Athletics (2016) - sprint and hurdle analysis*			
date 27-Feb-16 time			4.64			7.99					7.99	/ 8			
reaction time interval						3.35						# of strides	4.64	3.35	
velocity			6.47			8.96					7.51		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)												*Omega Timing (2024) - diamond league race analysis*			
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) — *Omega Timing (2024) - continental tour gold race analysis*

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

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	48.0	7.16	10.20	10.03

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

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	48.2	7.19	10.38	10.17

FINAL - 2024 Athletissima (Lausanne, SUI) — *Omega Timing (2024) - diamond league race analysis*

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

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

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

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

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) (199	**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	2.39	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 Hunenstijn, 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) — *Omega Timing (2024) - diamond league race analysis*

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) — *Omega Timing (2024) - continental tour gold race analysis*

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

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) — *Omega Timing (2022) - continental tour race analysis*

date	06-Jun-22	time		3.2		5.3		7.3		9.4		11.56	11.56	9 / 8			
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) — *Omega Timing (2021) - diamond league race analysis*

date	13-Jul-21	time		3.3		5.4		7.4		9.4		11.41	11.41	3 / 4			
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) *Omega Timing (2021) - diamond league race analysis*

date	04-Jul-21	time	3.3	5.4	7.3	9.3	11.32	11.32	2 / 3
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) *Omega Timing (2020) - diamond league race analysis*

date	17-Sep-20	time	3.3	5.4	7.3	9.4	11.42	11.42	9 / 8
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) *Omega Timing (2020) - diamond league race analysis*

date	23-Aug-20	time	3.3	5.3	7.3	9.3	11.28	11.28	8 / 2
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)												*Omega Timing (2021) - diamond league race analysis*			
date	13-Jul-21	time	3.4	5.5	7.5	9.6	11.66	11.62	2 / 5						
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
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			
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) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	3.37	5.63	7.86	10.13	12.46	12.46	4 / 1
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.71	6.21	8.64	11.13	13.73	13.73	1 / 7						
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							

Veverková, 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)												*Feher (2012) - Czech Republic indoor national championships - women's 60m*			
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	
		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)												*(2015) - www.windsprint/Splittider/*			
date	26-Jul-15	time				8.04		10.33		12.54	12.54	5 / 4			
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)												*Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*			
date	28-Jun-14	time	3.46	5.85	8.24	10.66	13.19	13.19	1 / 6						
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							

Visockaité, Agné (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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date	07-Aug-02	time	3.18	4.23	5.25	7.26	9.31	11.44	11.44	/ 6					
reaction time	0.115	interval		1.05	1.02	2.01	2.05	2.13		# of strides	4.23	3.03			
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)												*Omega Timing (2021) - diamond league race analysis*			
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		# 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) *Feher (2013) - Final report from the men's & women's Czech Republic national championships*

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

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		# 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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.35	4.46	5.53	7.66	9.81	12.00	12.00	/ 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) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	07-Aug-10	time	3.36	4.47	5.55	7.65	9.75	11.92	11.92	/ 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) *Swiss Athletics (2016) - sprint and hurdle analysis*

date	27-Feb-16	time		4.65		7.93			7.93	/ 7					
reaction time		interval				3.28				# of strides	4.65	3.28			
		velocity		6.45		9.15			7.57		6.45	9.15			

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

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

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

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) *Jung (2003) - http://www.fgs.uni-halle.de*

date	21-Jun-97	time	2.08	4.28		7.23		9.20		11.18	11.18	/ 1			
reaction time		interval		2.20		2.95		1.97		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)

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	2.04	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	0.99		# of strides	4.18	2.92	2.91
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	10.27	10.31

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	2.03	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		# of strides	4.18	2.93	2.92
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	10.27

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

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			

Wada, Maki (JPN) (1986)

	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	2.07	3.28	4.38	5.44	6.48	7.53	8.58	9.66	10.76	11.89	11.89	/ 4			
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

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

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		

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	3.17	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

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	2.08	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

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	2.01	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

Heat 1 - 2017 Mikio Oda Memorial (Hiroshima, JPN) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

date	29-Apr-17	time	2.02	3.20	4.29	5.35	6.39	7.43	8.48	9.54	10.61	11.71	11.71	/ 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

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

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	/ 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

Heat 3 - 2012 Japanese National Championships (Osaka, JPN) *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

date	08-Jun-12	time	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

Semi-Final 2 - 2009 Japanese National Championships (Hiroshima, JPN) *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

date	28-Jun-09	time	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

Wagner, Marion (GER) (1978)			**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		3.33	4.38	5.39		7.41		9.45		11.56	11.56	/ 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	

Heat 2 - 2010 Sparkassen-Gala (Regensburg, GER) *Graubner (2010) - http://www.fgs.uni-halle.de*

date	05-Jun-10	time		3.30	4.36	5.39		7.44		9.52		11.66	11.66	/ 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	

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

date	16-Aug-09	time		3.30	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	

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

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	

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		7.38		9.47		11.61	11.61	/ 5			
reaction time	0.177	interval			1.06	1.02		2.02		2.09		2.14		# of strides	4.34	3.04	
wind	0.1 m/s	velocity		6.10	9.43	9.80		9.90		9.57		9.35	8.61		6.91	9.87	

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

date	06-Aug-02	time		3.25	4.30	5.31		7.32		9.37		11.53	11.53	/ 5			
reaction time	0.150	interval			1.05	1.01		2.01		2.05		2.16		# of strides	4.30	3.02	

wind	0.1 m/s	velocity	6.15	9.52	9.90	9.95	9.76	9.26	8.67		6.98	9.93	

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

date	23-Jun-01	time	3.31	4.37	5.40	7.40	9.39	11.43	11.43	/ 1		
reaction time	0.234	interval		1.06	1.03	2.00	1.99	2.04		# of strides	4.37	3.03
wind	1.8 m/s	velocity	6.04	9.43	9.71	10.00	10.05	9.80	8.75		6.86	9.90

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

date	01-Sep-00	time	3.26	4.33	5.36	7.37		11.53	11.53	/ 2		
reaction time	0.183	interval		1.07	1.03	2.01		4.16		# of strides	4.33	3.04
wind	0.1 m/s	velocity	6.13	9.35	9.71	9.95		9.62	8.67		6.93	9.87

Waller, Hannah (USA) (2001)

			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	4.46	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)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)														*Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*			
date	29-Apr-08	time	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

Wang Xue (CHN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.22	3.42	4.59	5.73	6.83	7.96	9.10	10.24	11.43	12.62	12.62	7 / 6			
reaction time	0.185	interval		1.20	1.17	1.14	1.10	1.13	1.14	1.14	1.19	1.19		# of strides	4.59	3.37	3.47
wind	-0.1 m/s	velocity	4.50	8.33	8.55	8.77	9.09	8.85	8.77	8.77	8.40	8.40	7.92	52.0	6.54	8.90	8.65

Wang Yicheng (CHN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.25	3.44	4.59	5.69	6.80	7.92	9.07	10.24	11.44	12.66	12.66	6 / 2			
reaction time	0.197	interval		1.19	1.15	1.10	1.11	1.12	1.15	1.17	1.20	1.22		# of strides	4.59	3.33	3.52
wind	-0.1 m/s	velocity	4.44	8.40	8.70	9.09	9.01	8.93	8.70	8.55	8.33	8.20	7.90	53.7	6.54	9.01	8.52

Wang Yuqing (CHN) (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.52	4.00	5.41								15.56	2 / 8			
reaction time	0.303	interval		1.48	1.41									# of strides	5.41		
wind	-0.1 m/s	velocity	3.97	6.76	7.09								6.43		5.55		

Watanabe, Azusa (JPN) (1986)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	2.00	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)

			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)														*Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*			
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)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 2 - 2015 Japanese National Championships (Niigata, JPN)														*Matsuo (2015) - 2015 men's & women's 100m race analysis*			
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) *Matsuo (2015) - 2015 men's & women's 100m race analysis*

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

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) *Matsuo (2014) - research on athlete performance and technique- 2014 data book*

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

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

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

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**
Semi-Final 2 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	2.08	3.25	4.34	5.38	6.42	7.45	8.47	9.53	10.63	11.74	11.74	4 / 4			
reaction time	0.169	interval		1.17	1.09	1.04	1.04	1.03	1.02	1.06	1.10	1.11		# of strides	4.34	3.11	3.18
wind	-0.6 m/s	velocity	4.81	8.55	9.17	9.62	9.62	9.71	9.80	9.43	9.09	9.01	8.52	50.5	6.91	9.65	9.43

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.07	3.23	4.30	5.31	6.33	7.35	8.36	9.41	10.48	11.61	11.61	3 / 6		
reaction time	0.177	interval		1.16	1.07	1.01	1.02	1.02	1.01	1.05	1.07	1.13		# of strides	4.30	3.05	3.13
wind	0.9 m/s	velocity	4.83	8.62	9.35	9.90	9.80	9.80	9.90	9.52	9.35	8.85	8.61	50.0	6.98	9.84	9.58

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

date	28-Jun-24	time	2.11	3.25	4.34	5.40	6.40	7.41	8.45	9.49	10.57	11.67	11.67	5 / 2		
reaction time	0.177	interval		1.14	1.09	1.06	1.00	1.01	1.04	1.04	1.08	1.10		# of strides	4.34	3.07	3.16
wind	0.4 m/s	velocity	4.74	8.77	9.17	9.43	10.00	9.90	9.62	9.62	9.26	9.09	8.57	50.5	6.91	9.77	9.49

FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		3.18	4.34	5.35	6.36	7.41					7.41	3 / 3		
reaction time		interval			1.16	1.01	1.01	1.05						# of strides	4.34	3.07	
		velocity		6.29	8.62	9.90	9.90	9.52					8.10	32.0	6.91	9.77	

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

date	27-Jun-23	time	2.08	3.20	4.24	5.24	6.22	7.21	8.23	9.26	10.34	11.42	11.42	4 / 1		
reaction time	0.193	interval		1.12	1.04	1.00	0.98	0.99	1.02	1.03	1.08	1.08		# of strides	4.24	2.97	3.13
wind	0.4 m/s	velocity	4.81	8.93	9.62	10.00	10.20	10.10	9.80	9.71	9.26	9.26	8.76	49.5	7.08	10.10	9.58

Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.10	3.23	4.29	5.29	6.28	7.27	8.27	9.29	10.34	11.43	11.43	5 / 1		
reaction time	0.198	interval		1.13	1.06	1.00	0.99	0.99	1.00	1.02	1.05	1.09		# of strides	4.29	2.98	3.07
wind	0.8 m/s	velocity	4.76	8.85	9.43	10.00	10.10	10.10	10.00	9.80	9.52	9.17	8.75	49.5	6.99	10.07	9.77

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

date	28-Feb-23	time	2.13	3.25	4.30	5.34	6.35	7.41					7.41	5 / 2		
reaction time	0.166	interval		1.12	1.05	1.04	1.01	1.06						# of strides	4.30	3.11	
		velocity	4.69	8.93	9.52	9.62	9.90	9.43					8.10	31.7	6.98	9.65	

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

date	25-Feb-23	time	2.10	3.27	4.34	5.36	6.39	7.43					7.43	5 / 2		
reaction time	0.197	interval		1.17	1.07	1.02	1.03	1.04						# of strides	4.34	3.09	
		velocity	4.76	8.55	9.35	9.80	9.71	9.62					8.08	31.7	6.91	9.71	

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 -1.8m/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 0.119 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 0.149 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 0.147 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 / ~~1~~			
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)												*Graubner (2009) - http://www.fgs.uni-halle.de*			
date 31-Aug-01 time		3.19	4.22	5.21		7.19		9.19		11.25	11.25	/ ~~3~~			
reaction time 0.153 interval			1.03	0.99		1.98		2.00		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)												*Winckler (2008) - running parameters*			
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)												*USATF Women's Sprint Development (1996)*			
date 28-Jun-96 time	2.08		4.41		6.35	7.40			10.56	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)

	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	2.17		4.39		6.29	7.27			10.36	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)

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

	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		7.2		9.2		11.32	11.32	1 / ~~8~~ 7			
reaction time 0.154	interval				2.10		2.00		2.00		2.12		# of strides			
wind 0.4 m/s	velocity		6.45		9.52		10.00		10.00		9.43	8.83	49.2			
Semi-Final 3 - 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		11.17	11.17	4 / 4			
reaction time 0.155	interval				2.10		1.90		2.00		2.07		# of strides			
wind 1.1 m/s	velocity		6.45		9.52		10.53		10.00		9.66	8.95	49.0			
FINAL - 2019 Meeting de Paris (Paris, FRA)												*Omega Timing (2019) - diamond league race analysis*			
date 24-Aug-19	time					6.2					11.25	11.25	8 / 8			
reaction time 0.137	interval										5.05		# of strides			
wind -0.2 m/s	velocity					8.06					9.90	8.89	48.5			

Williams, Angela (USA) (1980)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2008 USA Olympic Trials (Eugene, OR)												*USATF Women's Sprint Development with HPC (2008)*			
date 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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development with HPC (2008)*			
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)												*USATF Women's Sprint Development (2005)*			
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)												*USATF Women's Sprint Development (2005)*			
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	/ 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, Christania (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			
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)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1987 IAAF World Championships (Rome, ITA) *Ward-Smith (2000) - 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	

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

wind	0.7 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)

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

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

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

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	10.14

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	2.04	3.19	4.23	5.24	6.23	7.23	8.24	9.28	10.34	11.44	11.44	/ 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) *USATF Women's Sprint Development (2006)*

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	10.00

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

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	9.93

Semi-Final 1 - 2005 USATF National Championships (Carson, CA) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2005)*

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) *USATF Women's Sprint Development (2004)*

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	10.27

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

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	10.24

Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA) *USATF Women's Sprint Development (2004)*

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	10.10

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

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)											*PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/*				
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
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	2.05	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	9.62

Wöckel, Bärbel (GDR) (1955)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1982 East German National Championships (Dresden, GDR) *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
FINAL - 1996 USATF National Junior Championships (Delaware, OH)														*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

Xiao Ruixin (CHN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.25	3.48	4.66	5.81	6.96	8.14	9.33	10.54	11.76	13.02	13.02	1 / 8			
reaction time	0.186	interval		1.23	1.18	1.15	1.15	1.18	1.19	1.21	1.22	1.26		# of strides	4.66	3.48	3.62
wind	-0.1 m/s	velocity	4.44	8.13	8.47	8.70	8.70	8.47	8.40	8.26	8.20	7.94	7.68	54.7	6.44	8.62	8.29

Xing Yuxin (CHN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.20	3.41	4.52	5.61	6.67	7.76	8.85	9.98	11.13	12.32	12.32	5 / 1			
reaction time	0.168	interval		1.21	1.11	1.09	1.06	1.09	1.09	1.13	1.15	1.19		# of strides	4.52	3.24	3.37
wind	-0.1 m/s	velocity	4.55	8.26	9.01	9.17	9.43	9.17	9.17	8.85	8.70	8.40	8.12	59.0	6.64	9.26	8.90

Xu Jialu (CHN) (2000)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	2.08	3.21	4.29	5.31	6.33	7.35	8.37	9.42	10.49	11.58	11.58	7 / 7			
reaction time	0.199	interval		1.13	1.08	1.02	1.02	1.02	1.02	1.05	1.07	1.09		# of strides	4.29	3.06	3.14
wind	0.5 m/s	velocity	4.81	8.85	9.26	9.80	9.80	9.80	9.80	9.52	9.35	9.17	8.64	52.5	6.99	9.80	9.55
Semi-Final 1 - 2024 Chinese National Championships (Quzhou, CHN)														*Shandong Athletics Sport Science (2024)*			
date	15-Sep-24	time	2.08	3.25	4.30	5.34	6.36	7.37	8.41	9.46	10.54	11.60	11.60	7 / 3			
reaction time	0.180	interval		1.17	1.05	1.04	1.02	1.01	1.04	1.05	1.08	1.06		# of strides	4.30	3.07	3.17
wind	0.7 m/s	velocity	4.81	8.55	9.52	9.62	9.80	9.90	9.62	9.52	9.26	9.43	8.62	53.0	6.98	9.77	9.46
FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	29-Jun-24	time	2.05	3.22	4.30	5.31	6.34	7.37	8.42	9.48	10.59	11.71	11.71	2 / 7			
reaction time	0.178	interval		1.17	1.08	1.01	1.03	1.03	1.05	1.06	1.11	1.12		# of strides	4.30	3.07	3.22
wind	0.9 m/s	velocity	4.88	8.55	9.26	9.90	9.71	9.71	9.52	9.43	9.01	8.93	8.54	53.5	6.98	9.77	9.32
Heat 3 - 2024 Chinese National Grand Prix Final (Rizhao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	28-Jun-24	time	2.07	3.23	4.29	5.31	6.35	7.36	8.38	9.43	10.51	11.61	11.61	9 / 4			
reaction time	0.169	interval		1.16	1.06	1.02	1.04	1.01	1.02	1.05	1.08	1.10		# of strides	4.29	3.07	3.15
wind	1.0 m/s	velocity	4.83	8.62	9.43	9.80	9.62	9.90	9.80	9.52	9.26	9.09	8.61	53.5	6.99	9.77	9.52
Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2024)*			
date	31-Mar-24	time	2.19	3.31	4.40	5.45	6.48	7.56					7.56	6 / 4			
reaction time	0.240	interval		1.12	1.09	1.05	1.03	1.08						# of strides	4.40	3.16	
		velocity	4.57	8.93	9.17	9.52	9.71	9.26					7.94	34.0	6.82	9.49	

Xu Shanshan (CHN)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														*Shandong Athletics Sport Science (2022)*			
date	30-Aug-22	time	2.20	3.46	4.64	5.79	6.93	8.07	9.23	10.42	11.60	12.84	12.84	7 / 6			
reaction time	0.182	interval		1.26	1.18	1.15	1.14	1.14	1.16	1.19	1.18	1.24		# of strides	4.64	3.43	3.53
wind	-0.1 m/s	velocity	4.55	7.94	8.47	8.70	8.77	8.77	8.62	8.40	8.47	8.06	7.79	56.7	6.47	8.75	8.50

Xu Zihan (CHN) (2004)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat 3 - 2024 Chinese National Grand Prix (Qingdao, CHN)														*Shandong Athletics Sport Science (2024)*			
date	13-May-24	time	2.12	3.34	4.47	5.59	6.69	7.82	8.92	10.05	11.19	12.37	12.37	3 / 3			
reaction time	0.172	interval		1.22	1.13	1.12	1.10	1.13	1.10	1.13	1.14	1.18		# of strides	4.47	3.35	3.37
wind	-0.8 m/s	velocity	4.72	8.20	8.85	8.93	9.09	8.85	9.09	8.85	8.77	8.47	8.08	55.0	6.71	8.96	8.90
Heat 2 - 2024 Chinese Indoor National Championships (Tianjin, CHN)														*Shandong Athletics Sport Science (2024)*			
date	31-Mar-24	time	2.19	3.35	4.50	5.60	6.72	7.85					7.85	4 / 7			
reaction time	0.152	interval		1.16	1.15	1.10	1.12	1.13						# of strides	4.50	3.35	
		velocity	4.57	8.62	8.70	9.09	8.93	8.85					7.64	35.0	6.67	8.96	
Heat 3 - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)														*Shandong Athletics Sport Science (2024)*			
date	12-Mar-24	time	2.16	3.37	4.51	5.58	6.70	7.81					7.81	8 / 5			
reaction time	0.185	interval		1.21	1.14	1.07	1.12	1.11						# of strides	4.51	3.30	
		velocity	4.63	8.26	8.77	9.35	8.93	9.01					7.68	35.0	6.65	9.09	

Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN) *Shandong Athletics Sport Science (2023)*

date	09-Jun-23	time	2.11	3.31	4.42	5.51	6.60	7.69	8.79	9.92	11.06	12.24	12.24	2 / 8		
reaction time	0.215	interval		1.20	1.11	1.09	1.09	1.09	1.10	1.13	1.14	1.18		# of strides	4.42	3.27	3.37
wind	-0.2 m/s	velocity	4.74	8.33	9.01	9.17	9.17	9.17	9.09	8.85	8.77	8.47	8.17	57.0	6.79	9.17	8.90

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

date	09-Jun-23	time	2.11	3.29	4.40	5.50	6.60	7.68	8.79	9.91	11.05	12.22	12.22	8 / 5		
reaction time	0.171	interval		1.18	1.11	1.10	1.10	1.08	1.11	1.12	1.14	1.17		# of strides	4.40	3.28	3.37
wind	0.1 m/s	velocity	4.74	8.47	9.01	9.09	9.09	9.26	9.01	8.93	8.77	8.55	8.18	57.0	6.82	9.15	8.90

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

date	02-Jun-23	time	2.17	3.39	4.50	5.59	6.70	7.79	8.91	10.04	11.19	12.36	12.36	6 / 2		
reaction time		interval		1.22	1.11	1.09	1.11	1.09	1.12	1.13	1.15	1.17		# of strides	4.50	3.29	3.40
wind	-0.6 m/s	velocity	4.61	8.20	9.01	9.17	9.01	9.17	8.93	8.85	8.70	8.55	8.09	57.0	6.67	9.12	8.82

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

date	26-May-23	time	2.12	3.27	4.40	5.47	6.55	7.62	8.72	9.85	10.98	12.15	12.15	7 / 5		
reaction time	0.163	interval		1.15	1.13	1.07	1.08	1.07	1.10	1.13	1.13	1.17		# of strides	4.40	3.22	3.36
wind	-1.0 m/s	velocity	4.72	8.70	8.85	9.35	9.26	9.35	9.09	8.85	8.85	8.55	8.23	56.2	6.82	9.32	8.93

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

date	26-Apr-23	time	2.09	3.26	4.40	5.49	6.56	7.67	8.78	9.90	11.06	12.27	12.27	2 / 7		
reaction time	0.191	interval		1.17	1.14	1.09	1.07	1.11	1.11	1.12	1.16	1.21		# of strides	4.40	3.27	3.39
wind	-0.5 m/s	velocity	4.78	8.55	8.77	9.17	9.35	9.01	9.01	8.93	8.62	8.26	8.15	56.2	6.82	9.17	8.85

Semi-Final 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	15-Mar-23	time	2.11	3.33	4.47	5.56	6.64	7.73					7.73	2 / 7		
reaction time	0.199	interval		1.22	1.14	1.09	1.08	1.09						# of strides	4.47	3.26	
		velocity	4.74	8.20	8.77	9.17	9.26	9.17					7.76	34.2	6.71	9.20	

Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	15-Mar-23	time	2.15	3.34	4.45	5.54	6.63	7.69					7.69	2 / 4		
reaction time	0.189	interval		1.19	1.11	1.09	1.09	1.06						# of strides	4.45	3.24	
		velocity	4.65	8.40	9.01	9.17	9.17	9.43					7.80	35.0	6.74	9.26	

Heat 7 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	28-Feb-23	time	2.17	3.39	4.49	5.57	6.67	7.78					7.78	4 / 2		
reaction time	0.231	interval		1.22	1.10	1.08	1.10	1.11						# of strides	4.49	3.29	
		velocity	4.61	8.20	9.09	9.26	9.09	9.01					7.71	35.0	6.68	9.12	

Heat 2 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

date	25-Feb-23	time	2.15	3.33	4.42	5.49	6.57	7.68					7.68	6 / 3		
reaction time	0.185	interval		1.18	1.09	1.07	1.08	1.11					PB	# of strides	4.42	3.26	
		velocity	4.65	8.47	9.17	9.35	9.26	9.01					7.81	35.0	6.79	9.20	

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

date	30-Aug-22	time	2.13	3.32	4.39	5.46	6.52	7.61	8.70	9.82	10.96	12.11	12.11	6 / 1		
reaction time	0.210	interval		1.19	1.07	1.07	1.06	1.09	1.09	1.12	1.14	1.15	PB	# of strides	4.39	3.22	3.35
wind	-0.1 m/s	velocity	4.69	8.40	9.35	9.35	9.43	9.17	9.17	8.93	8.77	8.70	8.26	54.0	6.83	9.32	8.96

U20 Semi-Final 1 - 2022 Shandong Provincial Games (Rizhao, CHN) *Shandong Athletics Sport Science (2022)*

date	30-Aug-22	time	2.17	3.33	4.42	5.50	6.56	7.64	8.73	9.85	10.98	12.18	12.18	8 / 1		
reaction time	0.235	interval		1.16	1.09	1.08	1.06	1.08	1.09	1.12	1.13	1.20	PB	# of strides	4.42	3.22	3.34
wind	0.6 m/s	velocity	4.61	8.62	9.17	9.26	9.43	9.26	9.17	8.93	8.85	8.33	8.21	53.5	6.79	9.32	8.98

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

date	14-Jul-22	time	2.15	3.34	4.47	5.55	6.62	7.71	8.81	9.92	11.05	12.22	12.22	9 / 1		
reaction time		interval		1.19	1.13	1.08	1.07	1.09	1.10	1.11	1.13	1.17		# of strides	4.47	3.24	3.34
wind	0.5 m/s	velocity	4.65	8.40	8.85	9.26	9.35	9.17	9.09	9.01	8.85	8.55	8.18	54.2	6.71	9.26	8.98

Yamada, Eri (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					6.61	7.68	8.76	9.87	11.02	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
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*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	9.12

Yamakoshi, Riko (JPN) (2004)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												*Enomoto (2019) - research on athlete performance and technique- 2019 data book*			
date 04-Oct-19 time			4.58		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
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	2.07	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	8.98

Yamashiro, Rio (JPN) (1991)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2009 Japanese National High School Championships (Nara, JPN)												*Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics*			
date 30-Jul-09 time			4.35	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	

Yan Qingyan (CHN) (2000)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												*Shandong Athletics Sport Science (2023)*			
date 09-Jun-23 time	2.11	3.29	4.37	5.42	6.45	7.49	8.55	9.63	10.73	11.87	11.87	3 / 1			
reaction time 0.270 interval		1.18	1.08	1.05	1.03	1.04	1.06	1.08	1.10	1.14		# of strides	4.37	3.12	3.24
wind -0.2 m/s velocity	4.74	8.47	9.26	9.52	9.71	9.62	9.43	9.26	9.09	8.77	8.42	54.0	6.86	9.62	9.26

Yasuzu, Chiba (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2023 Japanese National High School Championsips (Sapporo, JPN)												*Takashima (2023) - national high school sports festival - biomechanics data*			
date 03-Aug-23 time	2.15	3.37	4.48	5.56	6.64	7.71	8.80	9.90	11.02	12.16	12.16	9 / 4			
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

Yoneda, Ryoha (JPN)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2017 Shimane High School Championships (Izumo, JPN)												*Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis*			
date 27-May-17 time			4.77			8.17				12.87	12.87	8 / 4			
reaction time interval						3.40				4.70		# of strides	4.77	3.40	
wind -0.5 m/s velocity			6.29			8.82				8.51	7.77	54.5	6.29	8.82	

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)												*Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data*			
date 30-Jul-15 time			4.45	5.56	6.62	7.69	8.76	9.85	10.96	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)												*USATF Women's Sprint Development (1996)*			
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)												*USATF Women's Sprint Development (1996)*			
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)												*Paris 2024 Olympc Games - Results Book (2024)*			
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	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

FINAL - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.09	3.22	4.28	5.31	6.31	7.30	8.29	9.29	10.31	11.37	11.37	7 / 2			
reaction time	0.195	interval		1.13	1.06	1.03	1.00	0.99	0.99	1.00	1.02	1.06		# of strides	4.28	3.02	3.01
wind	0.5 m/s	velocity	4.78	8.85	9.43	9.71	10.00	10.10	10.10	10.00	9.80	9.43	8.80	59.0	7.01	9.93	9.97

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

date	15-Sep-24	time	2.15	3.34	4.41	5.43	6.45	7.45	8.45	9.50	10.54	11.60	11.60	7 / 2			
reaction time	0.178	interval		1.19	1.07	1.02	1.02	1.00	1.00	1.05	1.04	1.06		# of strides	4.41	3.04	3.09
wind	-0.6 m/s	velocity	4.65	8.40	9.35	9.80	9.80	10.00	10.00	9.52	9.62	9.43	8.62	59.5	6.80	9.87	9.71

FINAL - 2024 Chinese Indoor Grand Prix I (Chengdu, CHN) *Shandong Athletics Sport Science (2024)*

date	27-Feb-24	time		3.18	4.32	5.33	6.34	7.37					7.37	6 / 2			
reaction time		interval			1.14	1.01	1.01	1.03						# of strides	4.32	3.05	
		velocity		6.29	8.77	9.90	9.90	9.71					8.14	37.0	6.94	9.84	

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

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

date	27-Jun-23	time	2.12	3.26	4.32	5.32	6.31	7.30	8.31	9.34	10.38	11.45	11.45	8 / 3			
reaction time	0.207	interval		1.14	1.06	1.00	0.99	0.99	1.01	1.03	1.04	1.07		# of strides	4.32	2.98	3.08
wind	0.4 m/s	velocity	4.72	8.77	9.43	10.00	10.10	10.10	9.90	9.71	9.62	9.35	8.73	58.2	6.94	10.07	9.74

Heat 1 - 2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN) *Shandong Athletics Sport Science (2023)*

date	27-Jun-23	time	2.15	3.30	4.35	5.38	6.38	7.39	8.40	9.46	10.51	11.59	11.59	4 / 2			
reaction time	0.199	interval		1.15	1.05	1.03	1.00	1.01	1.01	1.06	1.05	1.08		# of strides	4.35	3.04	3.12
wind	0.8 m/s	velocity	4.65	8.70	9.52	9.71	10.00	9.90	9.90	9.43	9.52	9.26	8.63	59.0	6.90	9.87	9.62

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	3.25	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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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	/ 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) *Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions*

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	/ 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	9.71	9.52	9.35	9.17	8.58		6.96	9.68	9.52

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

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) *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

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

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

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) *Omega Timing (2019) - diamond league race analysis*

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) *Graubner (2010) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 07-Aug-10	time	3.39	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) *Paris 2024 Olympc Games - Results Book (2024)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 02-Aug-24	time	2.10	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) *Paris 2024 Olympc Games - Results Book (2024)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 02-Aug-24	time	2.08	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 Gaihua (CHN) (1964)

FINAL - 1993 Chinese National Games (Beijing, CHN) *Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 08-Aug-93	time		4.20			7.23		9.27		11.35	11.35	???			
reaction time	interval					3.03		2.04		2.08		# of strides	4.20	3.03	
wind 1.2 m/s	velocity		7.14			9.90		9.80		9.62	8.81		7.14	9.90	

FINAL - 1990 Asian Games (Beijing, CHN) *Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 02-Oct-90	time		4.43			7.71		9.96		12.35	12.35	/ 6			
reaction time	interval					3.28		2.25		2.39		# of strides	4.43	3.28	
wind -3.4 m/s	velocity		6.77			9.15		8.89		8.37	8.10		6.77	9.15	

Zhang Man (CHN) (1997)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 26-Apr-23	time	2.13	3.31	4.42	5.49	6.53	7.61	8.69	9.79	10.89	12.06	12.06	5 / 1			
reaction time 0.216	interval		1.18	1.11	1.07	1.04	1.08	1.08	1.10	1.10	1.17		# of strides	4.42	3.19	3.28
wind 1.1 m/s	velocity	4.69	8.47	9.01	9.35	9.62	9.26	9.26	9.09	9.09	8.55	8.29	52.5	6.79	9.40	9.15

Semi-Final 2 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 15-Mar-23	time	2.06	3.28	4.37	5.40	6.42	7.47				7.47	1 / 2			
reaction time 0.217	interval		1.22	1.09	1.03	1.02	1.05					# of strides	4.37	3.10	
	velocity	4.85	8.20	9.17	9.71	9.80	9.52				8.03	33.0	6.86	9.68	

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN) *Jiang (2019) - data analysis of women's sprint finals in the world championships trials*

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

Zhang Yuexin (CHN) (2005)

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 26-Apr-23	time	2.17	3.37	4.52	5.62	6.71	7.80	8.91	10.03	11.19	12.35	12.35	8 / 7			
reaction time 0.147	interval		1.20	1.15	1.10	1.09	1.09	1.11	1.12	1.16	1.16		# of strides	4.52	3.28	3.39
wind 1.1 m/s	velocity	4.61	8.33	8.70	9.09	9.17	9.17	9.01	8.93	8.62	8.62	8.10	56.5	6.64	9.15	8.85

Heat 1 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN) *Shandong Athletics Sport Science (2023)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 28-Feb-23	time	2.15	3.38	4.55	5.67	6.77	7.91				7.91	4 / 2			
reaction time 0.160	interval		1.23	1.17	1.12	1.10	1.14					# of strides	4.55	3.36	
	velocity	4.65	8.13	8.55	8.93	9.09	8.77				7.59	35.5	6.59	8.93	

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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date 25-Feb-23	time	2.17	3.40	4.54	5.63	6.76	7.89				7.89	5 / 3			
reaction time 0.161	interval		1.23	1.14	1.09	1.13	1.13					# of strides	4.54	3.35	
	velocity	4.61	8.13	8.77	9.17	8.85	8.85				7.60	35.7	6.61	8.96	

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

date	30-Aug-22	time	2.15	3.36	4.47	5.58	6.65	7.74	8.86	10.02	11.17	12.36	12.36	5 / 4		
reaction time	0.179	interval		1.21	1.11	1.11	1.07	1.09	1.12	1.16	1.15	1.19		# of strides	4.47	3.27	3.43
wind	-0.1 m/s	velocity	4.65	8.26	9.01	9.01	9.35	9.17	8.93	8.62	8.70	8.40	8.09	55.0	6.71	9.17	8.75

Zhirova, Marina (URS) (1963)

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

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

	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) *Levchenko (1990) - questions and answers about women's sprinting*

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) *Levchenko (1990) - questions and answers about women's sprinting*

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)

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

Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN) *Shandong Athletics Sport Science (2023)*

date	15-Mar-23	time	2.15	3.32	4.40	5.42	6.48	7.51					7.51	3 / 1		
reaction time	0.214	interval		1.17	1.08	1.02	1.06	1.03						# of strides	4.40	3.11	
		velocity	4.65	8.55	9.26	9.80	9.43	9.71					7.99	33.7	6.82	9.65	

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	2.14	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

Zhu Cuiyan (CHN) (2000)

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

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

date	31-Mar-24	time	2.19	3.31	4.40	5.45	6.47	7.56					7.56	8 / 3		
reaction time	0.224	interval		1.12	1.09	1.05	1.02	1.09						# of strides	4.40	3.16	
		velocity	4.57	8.93	9.17	9.52	9.80	9.17					7.94	34.0	6.82	9.49	

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

date	02-Jun-23	time	2.19	3.37	4.45	5.50	6.57	7.62	8.68	9.77	10.86	12.00	12.00	5 / 1		
reaction time		interval		1.18	1.08	1.05	1.07	1.05	1.06	1.09	1.09	1.14		# of strides	4.45	3.17	3.24
wind	-0.6 m/s	velocity	4.57	8.47	9.26	9.52	9.35	9.52	9.43	9.17	9.17	8.77	8.33	53.2	6.74	9.46	9.26

Zhu Junying (CHN) (2004)

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

FINAL - 2024 Chinese National Championships (Quzhou, CHN) *Shandong Athletics Sport Science (2024)*

date	15-Sep-24	time	2.05	3.21	4.27	5.31	6.31	7.33	8.34	9.37	10.41	11.52	11.52	6 / 5		
reaction time	0.151	interval		1.16	1.06	1.04	1.00	1.02	1.01	1.03	1.04	1.11		# of strides	4.27	3.06	3.08
wind	0.5 m/s	velocity	4.88	8.62	9.43	9.62	10.00	9.80	9.90	9.71	9.62	9.01	8.68	51.0	7.03	9.80	9.74

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

date	15-Sep-24	time	2.10	3.26	4.34	5.38	6.40	7.39	8.40	9.44	10.49	11.53	11.53	6 / 1		
reaction time	0.178	interval		1.16	1.08	1.04	1.02	0.99	1.01	1.04	1.05	1.04		# of strides	4.34	3.05	3.10
wind	-0.6 m/s	velocity	4.76	8.62	9.26	9.62	9.80	10.10	9.90	9.62	9.52	9.62	8.67	52.0	6.91	9.84	9.68

FINAL - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	29-Jun-24	time	2.13	3.31	4.40	5.43	6.45	7.48	8.54	9.63	10.76	11.98	11.98	1 / 8		
reaction time	0.182	interval		1.18	1.09	1.03	1.02	1.03	1.06	1.09	1.13	1.22		# of strides	4.40	3.08	3.28
wind	0.9 m/s	velocity	4.69	8.47	9.17	9.71	9.80	9.71	9.43	9.17	8.85	8.20	8.35	51.0	6.82	9.74	9.15

Heat 1 - 2024 Chinese National Grand Prix Final (Rizhao, CHN) *Shandong Athletics Sport Science (2024)*

date	28-Jun-24	time	2.11	3.29	4.38	5.42	6.45	7.47	8.49	9.51	10.57	11.62	11.62	7 / 2		
reaction time	0.169	interval		1.18	1.09	1.04	1.03	1.02	1.02	1.02	1.06	1.05		# of strides	4.38	3.09	3.10
wind	1.2 m/s	velocity	4.74	8.47	9.17	9.62	9.71	9.80	9.80	9.80	9.43	9.52	8.61	51.5	6.85	9.71	9.68

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

date	31-Mar-24	time	2.17	3.30	4.40	5.45	6.46	7.52					7.52	3 / 1		
reaction time	0.224	interval		1.13	1.10	1.05	1.01	1.06						# of strides	4.40	3.12	
		velocity	4.61	8.85	9.09	9.52	9.90	9.43					7.98	33.0	6.82	9.62	

Zlatníková, Lucie (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	2.22	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) *Feher (2014) - Final report from the U18 & U20 Czech Republic national championships*

date	28-Jun-14	time	3.46	5.72	7.94	10.20	12.50	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	

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