

Women's 100m Split Times - by athlete

LAST UPDATE: 5-Mar-25

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Abe, Hidemi (JPN) (1990)																	
FINAL - 2007 Japanese National High School Championships (Saga, JPN)			<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>														
date	03-Aug-07	time	3.28	4.38	5.45	6.52	7.59	8.67	9.76	10.85	12.01	12.01		4 / 5			
reaction time		interval		1.10	1.07	1.07	1.07	1.08	1.09	1.09	1.16			# of strides	4.38	3.21	3.26
wind	1.3 m/s	velocity	6.10	9.09	9.35	9.35	9.35	9.26	9.17	9.17	8.62	8.33			6.85	9.35	9.20
Abinusawa, Moforehan (USA) (2003)																	
U20 FINAL - 2020 Millrose Games (New York, NY)			<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>														
date	08-Feb-20	time	2.24	3.33	4.38	5.39	6.41	7.43				7.43		4 / 2			
reaction time		interval		1.09	1.05	1.01	1.02	3.05						# of strides	4.38	3.05	
wind		velocity	4.46	9.17	9.52	9.90	9.80	9.84				8.08			6.85	9.84	
Abrams, Jasmine (GUY) (1994)																	
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)			<i>Longines Timing (2022) - commonwealth games race analysis</i>														
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)																	
Heat 4 - 2024 Olympic Games (Paris, FRA)			<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
date	02-Aug-24	time	2.16	3.37	4.50	5.55	6.59	7.65	8.72	9.81	10.92	12.07	12.07	7 / 9			
reaction time	0.180	interval		1.21	1.13	1.05	1.04	1.06	1.07	1.09	1.11	1.15		# of strides	4.50	3.15	3.27
wind	1.2 m/s	velocity	4.63	8.26	8.85	9.52	9.62	9.43	9.35	9.17	9.01	8.70	8.29	49.0	6.67	9.52	9.17
Prelim 3 - 2024 Olympic Games (Paris, FRA)			<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
date	02-Aug-24	time	2.16	3.34	4.44	5.49	6.52	7.57	8.63	9.72	10.84	11.97	11.97	7 / 5			
reaction time	0.193	interval		1.18	1.10	1.05	1.03	1.05	1.06	1.09	1.12	1.13		# of strides	4.44	3.13	3.27
wind	1.1 m/s	velocity	4.63	8.47	9.09	9.52	9.71	9.52	9.43	9.17	8.93	8.85	8.35	49.7	6.76	9.58	9.17
Adachi, Marin (JPN) (2003)																	
FINAL - 2020 Japanese National Championships (Niigata, JPN)			<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>														
date	02-Oct-20	time	2.01	3.19	4.28	5.33	6.38	7.43	8.49	9.57	10.67	11.80	11.80	7 / 6			
reaction time	0.112	interval		1.18	1.09	1.05	1.05	1.06	1.08	1.10	1.13			# of strides	4.28	3.15	3.24
wind	0.5 m/s	velocity	4.98	8.47	9.17	9.52	9.52	9.52	9.43	9.26	9.09	8.85	8.47		7.01	9.52	9.26
FINAL - 2020 World Athletics Trials (Fuji, JPN)			<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>														
date	06-Sep-20	time	2.06	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.72	11.84	11.84	1 / 3			
reaction time		interval		1.20	1.09	1.05	1.05	1.04	1.06	1.07	1.10	1.12		# of strides	4.35	3.14	3.23
wind	1.4 m/s	velocity	4.85	8.33	9.17	9.52	9.52	9.62	9.43	9.35	9.09	8.93	8.45		6.90	9.55	9.29
Adachi, Sayaka (JPN) (1996)																	
FINAL - 2018 National Sports Festival (Fukui, JPN)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
date	06-Oct-18	time	2.15	3.45	4.63	5.76	6.88	7.98	9.08	10.20	11.32	12.46	12.46	1 / 8			
reaction time	0.148	interval		1.30	1.18	1.13	1.12	1.10	1.10	1.12	1.12	1.14		# of strides	4.63	3.35	3.34
wind	-2.8 m/s	velocity	4.65	7.69	8.47	8.85	8.93	9.09	9.09	8.93	8.93	8.77	8.03	56.0	6.48	8.96	8.98
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)			<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>														
date	31-Jul-14	time	2.15	3.36	4.48	5.57	6.64	7.72	8.81	9.90	11.01	12.19	12.19	1 / 4			
reaction time		interval		1.21	1.12	1.09	1.07	1.08	1.09	1.09	1.11	1.18		# of strides	4.48	3.24	3.29
wind	-2.4 m/s	velocity	4.65	8.26	8.93	9.17	9.35	9.26	9.17	9.17	9.01	8.47	8.20		6.70	9.26	9.12
Adachi, Yuha (JPN) (2002)																	
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)			<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>														
date	04-Oct-19	time			4.41		6.59				12.15	12.15		3 / 7			
reaction time	0.162	interval					2.18				5.56			# of strides	4.41		
wind	-1.5 m/s	velocity			6.80		3.03				8.99	8.23		54.0	6.80		
Adamek, Klaudia (POL) (1999)																	
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)			<i>Omega Timing (2021) - diamond league race analysis</i>														
date	26-Aug-21	time	3.3		5.4		7.4		9.5		11.53	11.53		2 / 8			
reaction time	0.137	interval			2.10		2.00		2.10		2.03			# of strides			
wind	2.7 m/s	velocity	6.06		9.52		10.00		9.52		9.85	8.67					
Adlerová, Kristyna (CZE) (1996)																	
Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)			<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time	3.70		6.15		8.53		10.96		13.48	13.48		7 / 6			
reaction time	0.368	interval			2.45		2.38		2.43		2.52			# of strides			
wind	-3.0 m/s	velocity	5.41		8.16		8.40		8.23		7.94	7.42					

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Adriansson, Hanna (SWE) (1992)																		
A FINAL - 2014 Windsprint (Sundsvall, SWE)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
date	20-Jul-14	time		4.43			7.59		9.73		11.92	11.92	7 / 5					
reaction time		interval					3.16		2.14		2.19		# of strides	4.43	3.16			
wind	1.2 m/s	velocity		6.77			9.49		9.35		9.13	8.39		6.77	9.49			
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time		4.47			7.64		9.78		12.02	12.02	1 / 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)																		
D FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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)																		
National FINAL - 2024 London Athletics Meet (London, GBR)													<i>Omega Timing (2024) - diamond league race analysis</i>					
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	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		6.99	10.00	9.80		
Ahamdy, Salam Bouha (MTN) (2000)																		
Prelim 1 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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	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)																		
FINAL - 2023 Athletissima (Lausanne, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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	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)													<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>					
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)																		
Heat 2 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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)													<i>Omega Timing (2023) - continental tour race analysis</i>					
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)													<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)													<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>					
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)																		
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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			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)**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)**Prelim 2 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic 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)**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)**Prelim 2 - 2024 Olympic Games (Paris, FRA)**Paris 2024 Olympic 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)**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 Olympic 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 Olympic 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 Olympic 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 / 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	1 / 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	1 / 5			
reaction time		interval		1.28	1.08	1.07	1.04	1.06					# of strides	4.36	3.17	
		velocity	5.00	7.81	9.26	9.35	9.62	9.43				7.97	6.88	9.46		

FINAL - 1992 Olympic Games (Barcelona, ESP)

Arnold (1992) - 1992 Olympic report: 100m men

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

FINAL - 1990 Goodwill Games (Seattle, WA)

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

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

Allers-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 Olympic Games - Results Book (2024)

date	02-Aug-24	time	2.14	3.36	4.45	5.51	6.57	7.61	8.66	9.72	10.79	11.89	11.89	2 / 8			
reaction time	0.193	interval		1.22	1.09	1.06	1.06	1.04	1.05	1.06	1.07	1.10		# of strides	4.45	3.16	3.18
wind	-0.4 m/s	velocity	4.67	8.20	9.17	9.43	9.43	9.62	9.52	9.43	9.35	9.09	8.41	50.2	6.74	9.49	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	1 / 4		
reaction time	0.150	interval			1.05	1.02		1.98		2.00		2.06		# of strides	4.26	3.00
wind	-0.7 m/s	velocity		6.23	9.52	9.80		10.10		10.00		9.71	8.83	7.04	10.00	

Semi-Final 1 - 2002 European Championships (Munich, GER)

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

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

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

date	06-Aug-02	time	3.22	4.27	5.29	7.28	9.30	11.42	11.42	/ 1
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 60-90mFINAL - 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 60-90mB 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 60-90mPrelim 3 - 2024 Olympic Games (Paris, FRA) Paris 2024 Olympic 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 60-90mHeat 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 60-90mSemi-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 60-90mNational 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	3.34	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)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>							
date	23-Jun-01	time	3.30	4.37	5.41	7.42	9.42	11.69	11.69				1 / 5						
reaction time	0.117	interval		1.07	1.04	2.01	2.00	2.27				# of strides	4.37	3.05					
wind	1.8 m/s	velocity	6.06	9.35	9.62	9.95	10.00	8.81	8.55				6.86	9.84					
Andrysková, Pavla (CZE) (1978)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>							
date	23-Jun-01	time	3.34	4.42	5.46	7.50	9.57	11.73	11.73				1 / 7						
reaction time	0.178	interval		1.08	1.04	2.04	2.07	2.16				# of strides	4.42	3.08					
wind	2.8 m/s	velocity	5.99	9.26	9.62	9.80	9.66	9.26	8.53				6.79	9.74					
Anim, Vida (GHA) (1983)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	17-Aug-09	time	3.19	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)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
date	16-Aug-09	time	3.15	4.20	5.22	7.25	9.26	11.34	11.34				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)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>							
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)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>							
date	14-Jun-09	time	3.22	4.28	5.30	7.33	9.39	11.46	11.46				1 / 1						
reaction time	0.164	interval		1.06	1.02	2.03	2.06	2.07				# of strides	4.28	3.05					
wind	0.1 m/s	velocity	6.21	9.43	9.80	9.85	9.71	9.66	8.73				7.01	9.84					
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)												<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>							
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)												<i>Omega Timing (2022) - diamond league race analysis</i>							
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)												<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>							
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)												<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>							
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)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
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)												<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>							
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)												<i>Kobayashi (2020) - national high school and U20 national championships</i>							

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)			<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>															
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)			<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>															
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)			<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>															
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)			<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>															
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)			<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>															
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)			<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>															
date	31-Jul-13	time	2.13	3.31	4.41	5.48	6.55	7.62	8.69	9.77	10.88	12.02	12.02	/ 5				
reaction time		interval		1.18	1.10	1.07	1.07	1.07	1.07	1.08	1.11	1.14		# of strides	4.41	3.21	3.26	
wind	-0.5 m/s	velocity	4.69	8.47	9.09	9.35	9.35	9.35	9.35	9.26	9.01	8.77	8.32		6.80	9.35	9.20	
Araki, 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)			<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>															
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)			<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>															
date	30-Jul-15	time		4.33	5.40	6.44	7.53	8.60	9.69	10.81	11.96		11.96	/ 4				
reaction time		interval		1.07	1.04	1.09	1.07	1.09	1.12	1.15	PB		# of strides	4.33	3.20	3.28		
wind	-1.2 m/s	velocity		6.93	9.35	9.62	9.17	9.35	9.17	8.93	8.70	8.36		6.93	9.38	9.15		
Ardissone, Laura (ITA) (1969)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 1994 Italian National Championships (Naples, ITA)			<i>Locatelli (2000) - the mechanics and energetics of the 100m sprint</i>															
date	???	time	1.98	3.29	4.39	5.40	6.44	7.46				11.77	11.77					
reaction time		interval		1.31	1.10	1.01	1.04	1.02				4.31		# of strides	4.39	3.07		
wind	???	velocity	5.05	7.63	9.09	9.90	9.62	9.80				9.28	8.50		6.83	9.77		
Arron, Christine (FRA) (1973)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)			<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>															
date	23-Sep-07	time		3.22	4.24	5.23		7.19		9.16		11.20	11.20	3 / 3				
reaction time	0.158	interval			1.02	0.99		1.96		1.97		2.04		# of strides	4.24	2.95		
wind	-0.6 m/s	velocity		6.21	9.80	10.10		10.20		10.15		9.80	8.93	46.4	7.08	10.17		
FINAL - 2007 IAAF World Championships (Osaka, JPN)			<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>															
date	27-Aug-07	time	2.03	3.15	4.16	5.13	6.09	7.06	8.03	9.02	10.04	11.08	11.08	5 / 6				
reaction time	0.164	interval		1.12	1.01	0.97	0.96	0.97	0.97	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)			<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>															
date	22-Aug-99	time	1.84	2.96	3.95	4.93	5.89	6.84	7.80	8.78	9.79	10.81	10.97	2 / 6				
reaction time	0.162	interval		1.12	0.99	0.98	0.96	0.95	0.96	0.98	1.01	1.02		# of strides	3.95	2.89	2.95	
wind	-0.1 m/s	velocity	5.43	8.93	10.10	10.20	10.42	10.53	10.42	10.20	9.90	9.80	9.12		7.59	10.38	10.17	
FINAL - 1997 IAAF World Championships (Athens, GRE)			<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>															

date	03-Aug-97	time	1.89	3.04	4.06	5.04	6.00	6.95	7.91	8.88	9.87	10.88	11.05	4 / 4			
reaction time	0.165	interval		1.15	1.02	0.98	0.96	0.95	0.96	0.97	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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	17-Aug-09	time	3.32	4.39	5.42		7.45		9.45		11.49	11.49	2 / 8				
reaction time	0.164	interval		1.07	1.03		2.03		2.00		2.04		# of strides	4.39	3.06		
wind	-0.1 m/s	velocity	6.02	9.35	9.71		9.85		10.00		9.80	8.70		6.83	9.80		
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	16-Aug-09	time	3.28	4.33	5.35		7.36		9.33		11.37	11.37	7 / 5				
reaction time	0.169	interval		1.05	1.02		2.01		1.97		2.04	PB	# of strides	4.33	3.03		
wind	0.8 m/s	velocity	6.10	9.52	9.80		9.95		10.15		9.80	8.80	46.7	6.93	9.90		
Heat 9 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	16-Aug-09	time	3.27	4.34	5.38		7.42		9.41		11.47	11.47	6 / 3				
reaction time	0.169	interval		1.07	1.04		2.04		1.99		2.06		# of strides	4.34	3.08		
wind	-0.5 m/s	velocity	6.12	9.35	9.62		9.80		10.05		9.71	8.72		6.91	9.74		
Aruhn, Lena (SWE) (1970)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Windsprint (Sundsvall, SWE)													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time		4.45			7.68		9.80		11.96	11.96	/ 3				
reaction time		interval					3.23		2.12		2.16		# of strides	4.45	3.23		
wind	1.0 m/s	velocity		6.74			9.29		9.43		9.26	8.36		6.74	9.29		
Asano, Natsumi (JPN) (1998)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)													<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>				
date	30-Jul-16	time	3.25	4.43	5.51	6.61	7.70	8.81	9.93		12.23	12.23	/ 7				
reaction time	0.157	interval		1.18	1.08	1.10	1.09	1.11	1.12		2.30		# of strides	4.43	3.27		
wind	1.6 m/s	velocity	6.15	8.47	9.26	9.09	9.17	9.01	8.93		8.70	8.18		6.77	9.17		
Asher-Smith, Dina (GBR) (1995)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2024 Memorial van damme (Brussels, BEL)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	13-Sep-24	time	2.00	3.12	4.13	5.10	6.06	7.02	7.98	8.95	9.93	10.92	10.92	4 / 2			
reaction time	0.146	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.97	0.98	0.99		# of strides	4.13	2.89	2.91
wind	0.2 m/s	velocity	5.00	8.93	9.90	10.31	10.42	10.42	10.42	10.31	10.20	10.10	9.16	50.0	7.26	10.38	10.31
FINAL - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	05-Sep-24	time	1.98	3.10	4.10	5.06	6.01	6.97	7.92	8.89	9.89	10.89	10.89	6 / 3			
reaction time	0.142	interval		1.12	1.00	0.96	0.95	0.96	0.95	0.97	1.00	1.00		# of strides	4.10	2.87	2.92
wind	0.1 m/s	velocity	5.05	8.93	10.00	10.42	10.53	10.42	10.53	10.31	10.00	10.00	9.18	49.5	7.32	10.45	10.27
FINAL - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	22-Aug-24	time	1.94	3.06	4.06	5.03	5.99	6.95	7.91	8.88	9.87	10.88	10.88	2 / 1			
reaction time	0.121	interval		1.12	1.00	0.97	0.96	0.96	0.96	0.97	0.99	1.01		# of strides	4.06	2.89	2.92
wind	-0.4 m/s	velocity	5.15	8.93	10.00	10.31	10.42	10.42	10.42	10.31	10.10	9.90	9.19	49.0	7.39	10.38	10.27
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	03-Aug-24	time	2.04	3.16	4.18	5.16	6.12	7.09	8.07	9.06	10.07	11.10	11.10	5 / 5			
reaction time	0.156	interval		1.12	1.02	0.98	0.96	0.97	0.98	0.99	1.01	1.03		# of strides	4.18	2.91	2.98
wind	0.1 m/s	velocity	4.90	8.93	9.80	10.20	10.42	10.31	10.20	10.10	9.90	9.71	9.01	50.2	7.18	10.31	10.07
Heat 5 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	02-Aug-24	time	2.00	3.13	4.16	5.13	6.09	7.05	8.02	9.00	9.99	11.01	11.01	2 / 2			
reaction time	0.151	interval		1.13	1.03	0.97	0.96	0.96	0.97	0.98	0.99	1.02		# of strides	4.16	2.89	2.94
wind	1.0 m/s	velocity	5.00	8.85	9.71	10.31	10.42	10.42	10.31	10.20	10.10	9.80	9.08	50.0	7.21	10.38	10.20
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	12-Jul-24	time	2.03	3.15	4.16	5.13	6.10	7.06	8.02	9.01	10.00	10.99	10.99	3 / 3			
reaction time	0.141	interval		1.12	1.01	0.97	0.97	0.96	0.96	0.99	0.99	0.99		# of strides	4.16	2.90	2.94
wind	-1.0 m/s	velocity	4.93	8.93	9.90	10.31	10.31	10.42	10.42	10.10	10.10	10.10	9.10	50.0	7.21	10.34	10.20
FINAL - 2024 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	25-May-24	time	2.02	3.14	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.98	10.98	7 / 3			
reaction time	0.148	interval		1.12	1.02	0.97	0.96	0.95	0.97	0.97	1.00	1.00		# of strides	4.16	2.88	2.94
wind	1.5 m/s	velocity	4.95	8.93	9.80	10.31	10.42	10.53	10.31	10.31	10.00	10.00	9.11	49.7	7.21	10.42	10.20
FINAL - 2023 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	16-Sep-23	time	1.98	3.10	4.12	5.10	6.07	7.03	8.00	8.97	9.95	10.96	10.96	7 / 7			
reaction time	0.139	interval		1.12	1.02	0.98	0.97	0.96	0.97	0.97	0.98	1.01		# of strides	4.12	2.91	2.92

wind	0.8 m/s	velocity	5.05	8.93	9.80	10.20	10.31	10.42	10.31	10.31	10.20	9.90	9.12	49.0	7.28	10.31	10.27
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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 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
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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
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Prelim 3 - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic 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
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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		interval		1.13	1.01	0.99	0.95	0.99	0.99	0.99	1.00	1.04		# of strides	4.18	2.93	2.98											
wind	3.2 m/s	velocity	4.90	8.85	9.90	10.10	10.53	10.10	10.10	10.10	10.00	9.62	8.98	49.0	7.18	10.24	10.07											
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)														<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	27-Jun-08	time	2.02	3.12	4.14	5.13	6.04	7.04	8.01	9.03	10.01	11.02	11.02	4 / 3														
reaction time		interval		1.10	1.02	0.99	0.91	1.00	0.97	1.02	0.98	1.01		# of strides	4.14	2.90	2.97											
wind	2.3 m/s	velocity	4.95	9.09	9.80	10.10	10.99	10.00	10.31	9.80	10.20	9.90	9.07		7.25	10.34	10.10											
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)														<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	27-Jun-08	time	2.15	3.14	4.17	5.17	6.11	7.11	8.07	9.07	10.09	11.10	11.10	7 / 2														
reaction time		interval		0.99	1.03	1.00	0.94	1.00	0.96	1.00	1.02	1.01		# of strides	4.17	2.94	2.98											
wind	3.5 m/s	velocity	4.65	10.10	9.71	10.00	10.64	10.00	10.42	10.00	9.80	9.90	9.01		7.19	10.20	10.07											
Atatou, Wided (FRA) (1999)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>														
date	26-Aug-22	time		3.3		5.5		7.6		9.8		12.04	12.04	5 / 6														
reaction time		interval				2.20		2.10		2.20		2.24		# of strides														
wind	0.8 m/s	velocity		6.06		9.09		9.52		9.09		8.93	8.31															
Atcho-Jaquier, Sarah (SUI) (1995)														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Heat A - 2024 Weltklasse (Zürich, SUI)														<i>Omega Timing (2024) - diamond league race analysis</i>														
date	05-Sep-24	time	2.15	3.34	4.40	5.42	6.43	7.44	8.47	9.50	10.56	11.68	11.68	9 / 9														
reaction time	0.182	interval		1.19	1.06	1.02	1.01	1.01	1.03	1.03	1.06	1.12		# of strides	4.40	3.04	3.12											
wind	-0.3 m/s	velocity	4.65	8.40	9.43	9.80	9.90	9.90	9.71	9.71	9.43	8.93	8.56		6.82	9.87	9.62											
Atcho, Sarah (SUI) (1995)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)																												
date	21-May-16	time				6.53						11.92	11.92	1 / 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)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	07-May-16	time				6.56						11.85	11.85	1 / 4														
reaction time		interval										5.29		# of strides														
wind	0.4 m/s	velocity				7.62						9.45	8.44															
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	27-Feb-16	time			4.38			7.45				7.45	7.45	1 / 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)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	27-Feb-16	time		4.44			7.52					7.52	7.52	1 / 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)														<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>														
date	20-Jul-84	time		4.20			7.13		9.09		11.13	11.13	11.13	1 / 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 ????														<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>														
date	13-Jun-81	time		4.30			7.25		9.26		11.34	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)														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
date	23-Jun-01	time		3.30	4.37	5.40		7.45		9.55		11.76	11.76	1 / 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)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>														
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)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>														

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)			<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>																
date	30-Jul-16	time		3.24	4.42	5.51	6.61	7.70	8.78	9.91		12.18	12.18	1 / 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)			<i>Omega Timing (2024) - diamond league race analysis</i>																
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)			<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																
date	04-Aug-11	time				6.54	7.60	8.68	9.81	10.98	12.18	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)			<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																
date	17-Jun-12	time		4.55			7.85		10.05		12.30	12.30	12.30	1 / 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)			<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	31-Jul-11	time		4.41			7.58		9.68		11.87	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)			<i>USATF Women's Sprint Development (2004)</i>																
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)			<i>USATF Women's Sprint Development (2004)</i>																
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)			<i>Winckler (2008) - running parameters</i>																
date	06-Mar-99	time		4.23			7.31					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)			<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>																
date	06-Aug-10	time		3.40	4.48	5.52	7.59		9.71		11.93	11.93	11.93	1 / 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)			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	17-Aug-09	time		3.24	4.27	5.27	7.23		9.18		11.16	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)			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	17-Aug-09	time		3.23	4.26	5.25	7.22		9.16		11.16	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)			<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																
date	16-Aug-09	time		3.20	4.23	5.23	7.19		9.11		11.12	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 / 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	1 / 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 / 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		1 / 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	1 / 4
reaction time	0.154	interval		1.19	1.08	1.08	1.05	1.05	1.05	1.07	1.09	1.10	PB	# of strides 4.35 3.18 3.21
wind	0.7 m/s	velocity	4.81	8.40	9.26	9.26	9.52	9.52	9.52	9.35	9.17	9.09	8.45	49.4 6.90 9.43 9.35

Baptiste, Kelly-Ann (TTO) (1986)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m**

FINAL - 2017 IAAF World Championships (London, GBR)

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

														<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>				
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)

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

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

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

														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	14-Jun-09	time	3.20	4.23	5.23		7.20		9.24		11.33	11.33		1 / 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
														<i>Omega Timing (2019) - diamond league race analysis</i>														
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
														<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	28-Jun-08	time	2.05	3.17	4.19	5.17	6.16	7.09	8.05	9.05	10.06	11.07	11.07		1 / 6													
reaction time		interval		1.12	1.02	0.98	0.99	0.93	0.96	1.00	1.01	1.01			# of strides	4.19	2.90	2.97										
wind	1.8 m/s	velocity	4.88	8.93	9.80	10.20	10.10	10.75	10.42	10.00	9.90	9.90	9.03		51.7	7.16	10.34	10.10										

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

														<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.07	3.19	4.19	5.17	6.15	7.14	8.13	9.09	10.11	11.10	11.10		7 / 5			
reaction time		interval		1.12	1.00	0.98	0.98	0.99	0.99	0.96	1.02	0.99			# of strides	4.19	2.95	2.97
wind	2.3 m/s	velocity	4.83	8.93	10.00	10.20	10.20	10.10	10.10	10.42	9.80	10.10	9.01			7.16	10.17	10.10

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

														<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.06	3.18	4.20	5.21	6.19	7.19	8.17	9.15	10.17	11.19	11.19		7 / 4			
reaction time		interval		1.12	1.02	1.01	0.98	1.00	0.98	0.98	1.02	1.02			# of strides	4.20	2.99	2.98
wind	1.4 m/s	velocity	4.85	8.93	9.80	9.90	10.20	10.00	10.20	10.20	9.80	9.80	8.94			7.14	10.03	10.07

FINAL - 2005 USATF National Championships (Carson, CA)

														<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	1.99	3.12	4.15	5.16	6.13	7.11	8.07	9.07	10.04	11.10	11.10		6 / 1			
reaction time		interval		1.13	1.03	1.01	0.97	0.98	0.96	1.00	0.97	1.06			# of strides	4.15	2.96	2.93
wind	-1.6 m/s	velocity	5.03	8.85	9.71	9.90	10.31	10.20	10.42	10.00	10.31	9.43	9.01		51.2	7.23	10.14	10.24

Semi-Final 1 - 2005 USATF National Championships (Carson, CA)

														<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.04	3.12	4.12	5.08	6.04	6.99	7.93	8.89	9.88	10.87	10.87		6 / 1			
reaction time		interval		1.08	1.00	0.96	0.96	0.95	0.94	0.96	0.99	0.99			# of strides	4.12	2.87	2.89
wind	3.0 m/s	velocity	4.90	9.26	10.00	10.42	10.42	10.53	10.64	10.42	10.10	10.10	9.20			7.28	10.45	10.38

Heat 3 - 2005 USATF National Championships (Carson, CA)

														<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	1.99	3.16	4.17	5.14	6.13	7.12	8.05	9.04	10.04	11.04	11.04		4 / 1			
reaction time		interval		1.17	1.01	0.97	0.99	0.99	0.93	0.99	1.00	1.00	PB		# of strides	4.17	2.95	2.92
wind	1.4 m/s	velocity	5.03	8.55	9.90	10.31	10.10	10.10	10.75	10.10	10.00	10.00	9.06			7.19	10.17	10.27

Barber, Mikele (USA) (1980)

														10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
														<i>USATF Women's Sprint Development with HPC (2008)</i>														
date	27-Jun-08	time	2.12	3.22	4.28	5.28	6.25	7.21	8.18	9.18	10.16	11.29	11.29		1 / 8													
reaction time		interval		1.10	1.06	1.00	0.97	0.96	0.97	1.00	0.98	1.13			# of strides	4.28	2.93	2.95										

wind	0.7 m/s	velocity	4.72	9.09	9.43	10.00	10.31	10.42	10.31	10.00	10.20	8.85	8.86	7.01	10.24	10.17
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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**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**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**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**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	1 / 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) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m**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	1 / 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	1 / 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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Bartsevich, Yulia (BLR) (1979)																			
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)																			
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 Olympic 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 Olympic Games - Results Book (2024)																	
date	02-Aug-24	time	2.00	3.14	4.16	5.14	6.11	7.07	8.04	9.02	10.01	11.01	11.01				1 / 1		
reaction time	0.148	interval		1.14	1.02	0.98	0.97	0.96	0.97	0.98	0.99	1.00				# of strides	4.16	2.91	2.94
wind	-0.2 m/s	velocity	5.00	8.77	9.80	10.20	10.31	10.42	10.31	10.20	10.10	10.00	9.08	51.0	7.21	10.31	10.20		
FINAL - 2024 Meeting de Paris (Paris, FRA)		Omega Timing (2024) - diamond league race analysis																	
date	07-Jul-24	time	1.95	3.08	4.11	5.10	6.08	7.05	8.03	9.02	10.02	11.09	11.09				2 / 2		
reaction time	0.141	interval		1.13	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.07				# of strides	4.11	2.94	2.97
wind	-2.0 m/s	velocity	5.13	8.85	9.71	10.10	10.20	10.31	10.20	10.10	10.00	9.35	9.02	52.0	7.30	10.20	10.10		
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)		Omega Timing (2024) - diamond league race analysis																	
date	02-Jun-24	time	2.02	3.15	4.19	5.18	6.17	7.15	8.13	9.13	10.14	11.15	11.15				3 / 1		
reaction time	0.143	interval		1.13	1.04	0.99	0.99	0.98	0.98	1.00	1.01	1.01				# of strides	4.19	2.96	2.99
wind	-0.8 m/s	velocity	4.95	8.85	9.62	10.10	10.10	10.20	10.20	10.00	9.90	9.90	8.97	52.0	7.16	10.14	10.03		
FINAL - 2023 Memorial van Damme (Brussels, BEL)		Omega Timing (2023) - diamond league race analysis																	
date	08-Sep-23	time	2.00	3.13	4.16	5.16	6.13	7.11	8.10	9.10	10.13	11.18	11.18				8 / 6		
reaction time	0.139	interval		1.13	1.03	1.00	0.97	0.98	0.99	1.00	1.03	1.05				# of strides	4.16	2.95	3.02
wind	0.0 m/s	velocity	5.00	8.85	9.71	10.00	10.31	10.20	10.10	10.00	9.71	9.52	8.94	52.0	7.21	10.17	9.93		
FINAL - 2022 Meeting de Paris (Paris, FRA)		Omega Timing (2022) - diamond league race analysis																	
date	18-Jun-22	time	3.19		5.22		7.19		9.18		11.24		11.24				8 / 7		
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)																			
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)																			
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)		Omega Timing (2024) - diamond league race analysis																	
date	22-Aug-24	time	2.05	3.21	4.25	5.27	6.26	7.26	8.27	9.30	10.34	11.42	11.42				2 / 5		

reaction time	0.141	interval	1.16	1.04	1.02	0.99	1.00	1.01	1.03	1.04	1.08	# of strides	4.25	3.01	3.08	
wind	-0.1 m/s	velocity	4.88	8.62	9.62	9.80	10.10	10.00	9.90	9.71	9.62	9.26	8.76	7.06	9.97	9.74

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

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

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

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

FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (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

Beshso, 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	1 / 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	1 / 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 Olympic 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 Olympic 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 Olympic 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 Olympic Games - Results Book (2024)

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

Bikar, Alenka (SLO) (1974)

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

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

date	07-Aug-02	time	3.28	4.36	5.40		7.42		9.49		11.63	11.63	1 / 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	1 / 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	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	11.20	7 / 5 4			
reaction time	0.223	interval				2.11	1.03	0.98		1.90	1.09			# of strides	4.09	3.14	2.88
wind	-0.4 m/s	velocity		7.33		9.48	9.71	10.20		10.53	9.17	8.93		7.33	9.55	10.42	

Tamopolskaya-Pintusevich, Zhanna (UKR) (1972) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m** **Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 1999 IAAF World Championships (Sevilla, ESP) *Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999*

date	22-Aug-99	time	1.83	2.94	3.96	4.94	5.90	6.86	7.82	8.79	9.78	10.82	10.95	1 / 4			
reaction time	0.135	interval		1.11	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.04		# of strides	3.96	2.90	2.92
wind	-0.1 m/s	velocity	5.46	9.01	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.62	9.13	7.58	10.34	10.27	

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

date	03-Aug-97	time	1.86	2.98	3.99	4.96	5.90	6.84	7.78	8.74	9.72	10.72	10.85	5 / 2			
reaction time	0.130	interval		1.12	1.01	0.97	0.94	0.94	0.94	0.96	0.98	1.00	NR	# of strides	3.99	2.85	2.88
wind	0.4 m/s	velocity	5.38	8.93	9.90	10.31	10.64	10.64	10.64	10.42	10.20	10.00	9.22	49.8	7.52	10.53	10.42

Blos, Martina (GDR) (1957) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m** **Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR) *Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76*

date	29-May-76	time		4.26		7.22		9.19		11.19	11.19	11.19	11.19	1 / 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	1.03	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	11.66	6 / 2			
reaction time		interval			2.00		2.10		2.00		2.26			# of strides			
wind	0.8 m/s	velocity	6.06		10.00		9.52		10.00		8.85	8.58					

Bodendorf, Carla (GDR) (1953) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m** **Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR) *Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76*

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

Bohlén-Kinn, Therése (SWE) (1987) **10m 20m 30m 40m 50m 60m 70m 80m 90m 100m** **Official Time Lane / Place 0-30m 30-60m 60-90m**
FINAL - 2010 Windsprint (Sundsvall, SWE) *(2010) - www.ssg.se/en/Windsprint/Split-times/*

date	08-Aug-10	time		4.54		7.71		9.84		12.07	12.07	12.07	12.07	1 / 7			
reaction time		interval				3.17		2.13		2.23				# of strides	4.54	3.17	
wind	2.4 m/s	velocity		6.61		9.46		9.39		8.97	8.29			6.61	9.46		

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

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

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

date	24-Jul-07	time	4.50	7.77	9.96	12.22	12.22	/ 1													
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	0.94	0.95	0.95	0.97			# of strides	4.24	2.80	2.84				
wind	-0.1 m/s	velocity	4.83	8.70	9.80	10.64	10.75	10.64	10.53	10.53	10.31	9.22		47.4	7.08	10.71	10.56				

Boyle, Raelene (AUS) (1951) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
FINAL - 1972 Olympic Games (Munich, FRG) Breizer (1984) - sprint competition analysis

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

Božková Katerina (CZE) (1998) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

date	28-Jun-14	time	3.58	6.02	8.47	10.98	13.61	13.61	1 / 8												
reaction time	0.184	interval		2.44	2.45	2.51	2.63		# of strides												
wind	-4.3 m/s	velocity	5.59	8.20	8.16	7.97	7.60	7.35													

Bracháková, 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									
wind		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)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>				
date	29-Apr-16	time	2.11	3.26	4.32	5.34	6.34	7.37	8.41	9.45	10.52	11.59	11.59	/ 1				
reaction time		interval		1.15	1.06	1.02	1.00	1.03	1.04	1.04	1.07	1.07		# of strides	4.32	3.05	3.15	
wind	-1.8 m/s	velocity	4.74	8.70	9.43	9.80	10.00	9.71	9.62	9.62	9.35	9.35	8.63	50.3	6.94	9.84	9.52	
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>				
date	10-May-15	time	2.07	3.22	4.28	5.30	6.32	7.33	8.34	9.38	10.41	11.49	11.49	6 / 5				
reaction time		interval		1.15	1.06	1.02	1.02	1.01	1.01	1.04	1.03	1.08		# of strides	4.28	3.05	3.08	
wind	1.2 m/s	velocity	4.83	8.70	9.43	9.80	9.80	9.90	9.90	9.62	9.71	9.26	8.70	50.7	7.01	9.84	9.74	
FINAL - 2015 Mikio Oda Memorial (Hiroshima, JPN)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>				
date	19-Apr-15	time	2.07	3.22	4.27	5.29	6.30	7.31	8.33	9.36	10.40	11.47	11.47	6 / 1				
reaction time		interval		1.15	1.05	1.02	1.01	1.01	1.02	1.03	1.04	1.07		# of strides	4.27	3.04	3.09	
wind	-0.2 m/s	velocity	4.83	8.70	9.52	9.80	9.90	9.90	9.80	9.71	9.62	9.35	8.72	50.0	7.03	9.87	9.71	
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>				
date	11-May-14	time	2.09	3.24	4.29	5.31	6.31	7.32	8.32	9.35	10.39	11.45	11.45	5 / 2				
reaction time		interval		1.15	1.05	1.02	1.00	1.01	1.00	1.03	1.04	1.06		# of strides	4.29	3.03	3.07	
wind	-0.8 m/s	velocity	4.78	8.70	9.52	9.80	10.00	9.90	10.00	9.71	9.62	9.43	8.73	51.6	6.99	9.90	9.77	
A FINAL - 2014 Miko Oda Memorial (Hiroshima, JPN)														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>				
date	29-Apr-14	time	2.07	3.20	4.23	5.23	6.21	7.19	8.19	9.19	10.22	11.28	11.28	4 / 1				
reaction time		interval		1.13	1.03	1.00	0.98	0.98	1.00	1.00	1.03	1.06		# of strides	4.23	2.96	3.03	
wind	1.5 m/s	velocity	4.83	8.85	9.71	10.00	10.20	10.20	10.00	10.00	9.71	9.43	8.87	50.7	7.09	10.14	9.90	
FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)														<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>				
date	29-Apr-11	time	2.05	3.21	4.25	5.25	6.24	7.22	8.21	9.21	10.23	11.27	11.27	5 / 1				
reaction time		interval		1.16	1.04	1.00	0.99	0.98	0.99	1.00	1.02	1.04		# of strides	4.25	2.97	3.01	
wind	2.6 m/s	velocity	4.88	8.62	9.62	10.00	10.10	10.20	10.10	10.00	9.80	9.62	8.87	50.5	7.06	10.10	9.97	
Brier, Hannah (GBR) (1998)														<i>Longines Timing (2022) - commonwealth games race analysis</i>				
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)														<i>Longines Timing (2022) - commonwealth games race analysis</i>				
date	03-Aug-22	time		3.2		5.3		7.3		9.4		11.61	11.61	1 / 2 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)														<i>USATF Women's Sprint Development (2005)</i>				
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.10	3.22	4.29	5.29	6.30	7.29	8.26	9.27	10.29	11.36	11.36	1 / 6				
reaction time		interval		1.12	1.07	1.00	1.01	0.99	0.97	1.01	1.02	1.07		# of strides	4.29	3.00	3.00	
wind	3.0 m/s	velocity	4.76	8.93	9.35	10.00	9.90	10.10	10.31	9.90	9.80	9.35	8.80		6.99	10.00	10.00	
Heat 1 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	2.06	3.29	4.31	5.39	6.43	7.45	8.46	9.49	10.54	11.58	11.58	9 / 3				
reaction time		interval		1.23	1.02	1.08	1.04	1.02	1.01	1.03	1.05	1.04		# of strides	4.31	3.14	3.09	
wind	-2.0 m/s	velocity	4.85	8.13	9.80	9.26	9.62	9.80	9.90	9.71	9.52	9.62	8.64		6.96	9.55	9.71	
Semi-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)														<i>USATF Women's Sprint Development (2004)</i>				
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)														<i>USATF Women's Sprint Development (2004)</i>				
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)														<i>Omega Timing (2022) - diamond league race analysis</i>				
FINAL - 2022 Müller Birmingham Diamond League (Birmingham, GBR)														<i>Omega Timing (2022) - diamond league race analysis</i>				
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				
Broadbuss, Juanita (USA) (1985)														<i>USATF Women's Sprint Development with HPC (2008)</i>				
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)														<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.07	3.17	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 2.01 # 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)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>					
date	06-Aug-10	time	3.52	4.64	5.73		7.88	10.06	12.31	12.31		1 / 7					
reaction time	0.131	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)																	
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
date	03-Aug-22	time	3.1		5.2		7.2		9.3		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)																	
FINAL - 2021 Athletissima (Lausanne, SUI)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>					
date	07-Aug-10	time	3.37	4.45	5.50		7.58		9.72		11.95	11.95		1 / 4			
reaction time		interval		1.08	1.05		2.08		2.14		2.23		# of strides	4.45	3.13		
wind	-0.3 m/s	velocity	5.93	9.26	9.52		9.62		9.35		8.97	8.37		6.74	9.58		
Semi-Final 3 - 2010 German National Youth Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>					
date	07-Aug-10	time	3.36	4.43	5.47		7.53		9.64		11.83	11.83		1 / 1			
reaction time		interval		1.07	1.04		2.06		2.11		2.19	PB	# of strides	4.43	3.10		
wind	0.5 m/s	velocity	5.95	9.35	9.62		9.71		9.48		9.13	8.45		6.77	9.68		
Bürgi, Céline (SUI) (1999)																	
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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		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)												<i>Omega Timing (2023) - diamond league race analysis</i>					
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		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)																	
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	2.12		4.33		6.44				10.38	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		50.5	6.93		
Busk, Daniella (SWE) (1993)																	
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	04-Jul-21	time	3.4			5.5		7.6		9.7		11.76	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)												<i>(2015) - www.windsprint/Splittider/</i>					
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)												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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)																	
Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)												<i>Shandong Athletics Sport Science (2023)</i>					
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		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					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	1.04	1.06	1.07	1.08	1.08				# of strides	4.42	3.14	3.21
wind	-0.5 m/s	velocity	4.63	8.47	9.26	9.52	9.52	9.62	9.43	9.35	9.26	9.26	8.44		6.79	9.55	9.35

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

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

Campbell-Brown, Veronica (JAM) (19**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 2011 IAAF World Championships (Daegu, KOR)***KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011*

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

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

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

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

date	17-Aug-09	time	3.12	4.14	5.12	7.06			8.97	10.95	10.95	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	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	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	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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Carmona, Maria (NCA) (1999)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)																	
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>					
date	22-Jun-03	time	2.20	3.40	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)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
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	9.35	9.17	8.85	8.36	8.36		6.71	9.52	9.35
Čechová, Katerina (CZE) (1988)																	
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
date	15-Jun-13	time	2.11	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)												<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
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)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
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)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
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)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
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)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
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)																	
B FINAL - 2012 Windsprint (Sundsvall, SWE)												<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
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)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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)																	
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
date	15-Jun-13	time		3.30		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)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
date	25-Feb-12	time	2.17	3.38	4.47	5.54	6.59	7.67					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)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
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)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>				
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)													<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>				
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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		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)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>				
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)													<i>Shandong Athletics Sport Science (2024)</i>				
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)													<i>Shandong Athletics Sport Science (2024)</i>				
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)													<i>Shandong Athletics Sport Science (2024)</i>				
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)													<i>Shandong Athletics Sport Science (2024)</i>				
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)													<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>				
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 / 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)													<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>				
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		
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)													<i>Breizer (1984) - sprint competition analysis</i>				
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
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Chodorová, Simona (CZE) (1998)																	
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	3.65		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)																	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)												<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
date	03-Aug-22	time	3.1		5.1		7.1		9.1		11.17	11.17	3 / 4				
reaction time	0.143	interval			2.00		2.00		2.00		2.07		# of strides				
wind	0.4 m/s	velocity	6.45		10.00		10.00		10.00		9.66	8.95	52.0				
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)																	
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)												<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
date	15-Jun-13	time	3.33		5.53		7.66		9.93		12.22	12.22	2 / 5				
reaction time	0.132	interval			2.20		2.13		2.27		2.29		# of strides				
wind	-0.6 m/s	velocity	6.01		9.09		9.39		8.81		8.73	8.18					
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.17	3.38	4.47	5.54	6.59	7.68				7.68	2 / 8				
reaction time	0.170	interval		1.21	1.09	1.07	1.05	1.09					# of strides	4.47	3.21		
		velocity	4.61	8.26	9.17	9.35	9.52	9.17				7.81		6.71	9.35		
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.13	3.34	4.43	5.52	6.57	7.65				7.65	2 / 4				
reaction time	0.160	interval		1.21	1.09	1.09	1.05	1.08					# of strides	4.43	3.22		
		velocity	4.69	8.26	9.17	9.17	9.52	9.26				7.84		6.77	9.32		
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)												<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.18	3.42	4.53	5.60	6.68	7.76				7.76	2 / 4				
reaction time	0.181	interval		1.24	1.11	1.07	1.08	1.08					# of strides	4.53	3.23		
		velocity	4.59	8.06	9.01	9.35	9.26	9.26				7.73		6.62	9.29		
Clark, Tamara (USA) (1999)																	
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	12-Jul-24	time	2.04	3.19	4.24	5.23	6.22	7.22	8.22	9.22	10.23	11.25	11.25	2 / 7			
reaction time	0.135	interval		1.15	1.05	0.99	0.99	1.00	1.00	1.00	1.01	1.02		# of strides	4.24	2.98	3.01
wind	-1.0 m/s	velocity	4.90	8.70	9.52	10.10	10.10	10.00	10.00	10.00	9.90	9.80	8.89	51.7	7.08	10.07	9.97
FINAL - 2024 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	07-Jul-24	time	2.00	3.18	4.22	5.23	6.23	7.22	8.22	9.22	10.23	11.32	11.32	4 / 5			
reaction time	0.168	interval		1.18	1.04	1.01	1.00	0.99	1.00	1.00	1.01	1.09		# of strides	4.22	3.00	3.01
wind	-2.0 m/s	velocity	5.00	8.47	9.62	9.90	10.00	10.10	10.00	10.00	9.90	9.17	8.83	51.2	7.11	10.00	9.97
FINAL - 2023 Weltklasse (Zürich, SUI)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	31-Aug-23	time	2.01	3.17	4.22	5.23	6.22	7.20	8.19	9.19	10.20	11.23	11.23	9 / 8			
reaction time	0.136	interval		1.16	1.05	1.01	0.99	0.98	0.99	1.00	1.01	1.03		# of strides	4.22	2.98	3.00
wind	-0.2 m/s	velocity	4.98	8.62	9.52	9.90	10.10	10.20	10.10	10.00	9.90	9.71	8.90	52.2	7.11	10.07	10.00
FINAL - 2022 Memorial van Damme (Brussels, BEL)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	02-Sep-22	time	3.14		5.15		7.09		9.03		11.03	11.03	2 / 6				
reaction time	0.142	interval			2.01		1.94		1.94		2.00		# of strides				
wind	0.6 m/s	velocity	6.37		9.95		10.31		10.31		10.00	9.07	51.2				

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

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)

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	2.00	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
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

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
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

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
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

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
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

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
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

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
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

Cola, Francesca (ITA) (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	3.35	4.45	5.51		7.58		9.66		11.80	11.80	11.80	1 / 8
reaction time	0.164	interval		1.10	1.06		2.07		2.08		2.14			# of strides
wind	1.8 m/s	velocity	5.97	9.09	9.43		9.66		9.62		9.35	8.47		6.74

Colander, LaTasha (USA) (1976)

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

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

USATF Women's Sprint Development (2004)

date	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
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

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
reaction time		interval		1.15	1.02	0.96	0.97	0.98	0.94	0.97	1.02	0.99		# of strides
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

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
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

Collier, Ashley (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	2.18	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
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

Combe, Delphine (FRA) (1974)

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	3.28	4.35	5.38		7.41		9.49		11.65	11.65	11.65	1 / 8
reaction time	0.164	interval		1.07	1.03		2.03		2.08		2.16			# of strides
wind	0.0 m/s	velocity	6.10	9.35	9.71		9.85		9.62		9.26	8.58		6.90

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 Olympic 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	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	7.30	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	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	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	7.65	/ 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	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)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
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)														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
C FINAL - 2001 European Cup (Bremen, GER)																		
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)														<i>Paris 2024 Olympc Games - Results Book (2024)</i>				
Heat 1 - 2024 Olympic Games (Paris, FRA)																		
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)														<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>				
FINAL - 2010 Windsprint (Sundsvall, SWE)																		
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)														<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>				
FINAL - 2008 Seiko Super Grand Prix (Kawasaki, JPN)																		
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)														<i>USATF Women's Sprint Development (2005)</i>				
FINAL - 2005 USATF National Junior Championships (Carson, CA)																		
date	23-Jun-05	time	2.12	3.29	4.39	5.46	6.52	7.58	8.63	9.71	10.75	11.67	11.87	2 / 4				
reaction time		interval		1.17	1.10	1.07	1.06	1.06	1.05	1.08	1.04	0.92		# of strides	4.39	3.19	3.17	
wind	-1.1 m/s	velocity	4.72	8.55	9.09	9.35	9.43	9.43	9.52	9.26	9.62	10.87	8.42	6.83	9.40	9.46		
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)														<i>USATF Women's Sprint Development (2003)</i>				
date	22-Jun-03	time	2.15	3.32	4.40	5.47	6.54	7.57	8.59	9.68	10.79	11.89	11.89	3 / 6				
reaction time		interval		1.17	1.08	1.07	1.07	1.03	1.02	1.09	1.11	1.10		# of strides	4.40	3.17	3.22	
wind	0.7 m/s	velocity	4.65	8.55	9.26	9.35	9.35	9.71	9.80	9.17	9.01	9.09	8.41	6.82	9.46	9.32		
Davis, Iris (USA) (1950)														<i>Breizer (1984) - sprint competition analysis</i>				
FINAL - 1972 Olympic Games (Munich, FRG)																		
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)														<i>Omega Timing (2024) - diamond league race analysis</i>				
FINAL - 2024 Memorial van damme (Brussels, BEL)																		
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)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	05-Sep-24	time	2.00	3.13	4.16	5.15	6.13	7.10	8.08	9.06	10.06	11.06	11.06	1 / 5				
reaction time	0.136	interval		1.13	1.03	0.99	0.98	0.97	0.98	0.98	1.00	1.00		# of strides	4.16	2.94	2.96	
wind	0.1 m/s	velocity	5.00	8.85	9.71	10.10	10.20	10.31	10.20	10.20	10.00	10.00	9.04	47.0	7.21	10.20	10.14	
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	25-Aug-24	time	1.93	3.05	4.07	5.05	6.00	6.95	7.91	8.88	9.85	10.84	10.84	4 / 3				
reaction time	0.118	interval		1.12	1.02	0.98	0.95	0.95	0.96	0.97	0.97	0.99		# of strides	4.07	2.88	2.90	
wind	2.9 m/s	velocity	5.18	8.93	9.80	10.20	10.53	10.53	10.42	10.31	10.31	10.10	9.23	47.0	7.37	10.42	10.34	
FINAL - 2024 Athletissima (Lausanne, SUI)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	22-Aug-24	time	1.95	3.10	4.12	5.10	6.07	7.03	7.99	8.97	9.96	10.97	10.97	7 / 2				
reaction time	0.135	interval		1.15	1.02	0.98	0.97	0.96	0.96	0.98	0.99	1.01		# of strides	4.12	2.91	2.93	
wind	-0.4 m/s	velocity	5.13	8.70	9.80	10.20	10.31	10.42	10.42	10.20	10.10	9.90	9.12	47.5	7.28	10.31	10.24	
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)														<i>Omega Timing (2024) - diamond league race analysis</i>				
date	12-Jul-24	time	2.00	3.13	4.15	5.14	6.11	7.07	8.03	9.00	9.99	10.99	10.99	7 / 2				
reaction time	0.155	interval		1.13	1.02	0.99	0.97	0.96	0.96	0.97	0.99	1.00		# of strides	4.15	2.92	2.92	
wind	-1.0 m/s	velocity	5.00	8.85	9.80	10.10	10.31	10.42	10.42	10.31	10.10	10.00	9.10	47.0	7.23	10.27	10.27	

FINAL - 2024 Seashore Doha Meeting (Doha, QAT)

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

Omega Timing (2024) - diamond league race analysis

FINAL - 2022 Athletissima (Lausanne, SUI)

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			

Omega Timing (2022) - diamond league race analysis

Davis-Thompson, Pauline (BAH) (196)

Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	25-Sep-88	time	2.07	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	

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

de Moura, Lucimar (BRA) (1974)

Quarter-Final 4 - 2009 IAAF World Championships (Berlin, GER)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
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

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

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

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

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

de Raedt, Jana (BEL) (2007)

U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)	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	2.19	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	

Omega Timing (2023) - diamond league race analysis

Del Ponte, Aja (SUI) (1996)

FINAL - 2022 Meeting de Paris (Paris, FRA)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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

Omega Timing (2022) - diamond league race analysis

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

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

Omega Timing (2022) - diamond league race analysis

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

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

Omega Timing (2022) - diamond league race analysis

FINAL - 2021 Weltklasse (Zürich, SUI)

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

Omega Timing (2021) - diamond league race analysis

FINAL - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time		3.2		5.2		7.1		9.0		10.97	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

Omega Timing (2021) - diamond league race analysis

FINAL - 2020 Olympic Games (Tokyo, JPN)

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	10.34

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

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

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	

Omega Timing (2021) - diamond league race analysis

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
		velocity	6.85		9.55		7.98	32.8	4.38 3.14
								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
		velocity	6.79		9.55		7.94	6.79	4.42 3.14
								9.55	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
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	4.16 2.91 2.98
															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
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	4.16 2.95 3.00
															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
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	4.19 2.98 3.07
															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
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		4.19 2.95 3.00
															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
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		3.94 2.90 2.95
															7.61 10.34 10.17

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

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

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

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	1.96		4.04		6.04			9.96	10.98	10.98	10.98		3 / 2
reaction time		interval			2.08		2.00			3.92	1.02				# of strides
wind	1,1 m/s	velocity	5.10		9.62		10.00			10.20	9.80	9.11			4.04
															48.8 7.43

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

date	16-Aug-93	time		4.09		6.95		8.86		10.82	10.82	10.82	10.82		5 / 1
reaction time	0.149	interval			2.86		1.91		1.96	CR / =PB					# of strides
wind	0.3 m/s	velocity		7.33		10.49		10.47		10.20	9.24				4.09 2.86
															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	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46	7.46
reaction time		interval		1.18	1.07	1.05	1.06	1.04											
		velocity	4.85	8.47	9.35	9.52	9.43	9.62											

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

date	10-Feb-96	time	2.10	3.28	4.35	5.39	6.43	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47
reaction time		interval		1.18	1.07	1.04	1.04	1.04											
		velocity	4.76	8.47	9.35	9.62	9.62	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	11.86	11.86	11.86	11.86	11.86	11.86	11.86
reaction time		interval					3.17		2.08		2.15								
wind	2.4 m/s	velocity			6.73		9.46		9.62		9.30	8.43	8.43	8.43	8.43	8.43	8.43	8.43	8.43

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	11.52	11.52	11.52	11.52	11.52	11.52
reaction time		interval				2.00		2.00		2.10		2.12							
wind	2.7 m/s	velocity		6.06		10.00		10.00		9.52		9.43	8.68	8.68	8.68	8.68	8.68	8.68	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	11.57	11.57	11.57	11.57	11.57	11.57
reaction time		interval		1.12	1.07	1.02	1.01	1.02	1.03	1.05	1.05	1.12	=PB						
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	8.64	8.64	8.64	8.64	8.64	8.64

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	11.57	11.57	11.57	11.57	11.57	11.57
reaction time		interval		1.13	1.07	1.03	1.02	1.01	1.02	1.03	1.07	1.09	PB						
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	8.64	8.64	8.64	8.64	8.64	8.64

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	7.53	7.53	7.53	7.53	7.53	7.53
reaction time		interval		1.17	1.09	1.04	1.06	1.07											
		velocity	4.76	8.55	9.17	9.62	9.43	9.35					7.97	7.97	7.97	7.97	7.97	7.97	7.97

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	7.47	7.47	7.47	7.47	7.47	7.47
reaction time		interval			1.15	1.04	1.04	1.04											
		velocity		6.25	8.70	9.62	9.62	9.62					8.03	8.03	8.03	8.03	8.03	8.03	8.03

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	11.97	11.97	11.97	11.97	11.97	11.97
reaction time		interval		1.16	1.11	1.06	1.04	1.05	1.04	1.12	1.13	1.19							
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	8.35	8.35	8.35	8.35	8.35	8.35

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	7.55	7.55	7.55	7.55	7.55	7.55
reaction time		interval		1.17	1.12	1.04	1.03	1.06											
		velocity	4.69	8.55	8.93	9.62	9.71	9.43					7.95	7.95	7.95	7.95	7.95	7.95	7.95

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	7.39	7.39	7.39	7.39	7.39	7.39
reaction time		interval		1.17	1.06	1.03	1.02	1.02											
		velocity	4.78	8.55	9.43	9.71	9.80	9.80					8.12	8.12	8.12	8.12	8.12	8.12	8.12

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	7.43	7.43	7.43	7.43	7.43	7.43
reaction time		interval		1.26	1.07	1.04	1.01	1.03											
		velocity	4.95	7.94	9.35	9.62	9.90	9.71					8.08	8.08	8.08	8.08	8.08	8.08	8.08

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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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) <i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>																		
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) <i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>																		
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) <i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>																		
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) <i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>																		
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) <i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>																		
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) <i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>																		
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) <i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>																		
date	29-Apr-14	time	2.04	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) <i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>																		
date	29-Apr-14	time	2.07	3.22	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) <i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>																		
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) <i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																		
date	08-Jun-12	time	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 Olympic 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 Olympic 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
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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	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	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 trainingssysteme des ddr-frauenkurzsprints*

date	16-Aug-86	time	4.23				7.09		8.99		10.94	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		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Dulgheru, Mirela (ROU) (1966)																	
FINAL - 1991 European Cup (Frankfurt, GER)												<i>Federle (2003) - http://www.fgs.uni-halle.de</i>					
date	29-Jun-91	time		4.37			7.54		9.71		11.94	11.94	/ 6				
reaction time		interval					3.17		2.17		2.23		# of strides	4.37	3.17		
wind	-2.7 m/s	velocity		6.86			9.46		9.22		8.97	8.38		6.86	9.46		
Dunn, Paula (GBR) (1964)																	
FINAL - 1987 European Cup (Prague, TCH)												<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>					
date	28-Jun-87	time	2.12	3.27	4.31	5.33	6.31	7.29	8.31	9.31	10.33	11.37	11.37	6 / 4			
reaction time		interval	1.15	1.04	1.02	0.98	0.98	1.02	1.00	1.02	1.04		# of strides	4.31	2.98	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)																	
FINAL - 2009 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	14-Jun-09	time	3.23	4.27	5.27		7.23		9.20		11.15	11.15	/ 2				
reaction time	0.176	interval		1.04	1.00		1.96		1.97		1.95		# of strides	4.27	2.96		
wind	0.1 m/s	velocity	6.19	9.62	10.00		10.20		10.15		10.26	8.97		7.03	10.14		
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.09	3.19	4.26	5.26	6.26	7.22	8.24	9.26	10.23	11.26	11.26	8 / 8			
reaction time		interval	1.10	1.07	1.00	1.00	0.96	1.02	1.02	0.97	1.03		# of strides	4.26	2.96	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)												<i>USATF Women's Sprint Development with HPC (2008)</i>					
date	27-Jun-08	time	2.11	3.19	4.26	5.29	6.29	7.29	8.28	9.29	10.34	11.34	11.34	5 / 5			
reaction time		interval	1.08	1.07	1.03	1.00	1.00	0.99	1.01	1.05	1.00		# of strides	4.26	3.03	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)												<i>USATF Women's Sprint Development (2006)</i>					
date	23-Jun-06	time	2.09	3.21	4.26	5.27	6.26	7.24	8.24	9.26	10.28	11.29	11.29	2 / 7 6			
reaction time		interval	1.12	1.05	1.01	0.99	0.98	1.00	1.02	1.02	1.01		# of strides	4.26	2.98	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)												<i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>					
date	06-May-06	time	2.05	3.18	4.22	5.22	6.19	7.16	8.13	9.12	10.12	11.16	11.16	/ 2			
reaction time		interval	1.13	1.04	1.00	0.97	0.97	0.97	0.99	1.00	1.04		# of strides	4.22	2.94	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)																	
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>					
date	22-Jun-03	time	2.20	3.39	4.54	5.61	6.71	7.81			12.20	12.30	1 / 9				
reaction time		interval	1.19	1.15	1.07	1.10	1.10				4.39		# of strides	4.54	3.27		
wind	0.7 m/s	velocity	4.55	8.40	8.70	9.35	9.09	9.09			9.11	8.13		6.61	9.17		
Echols, Sheila (USA) (1964)																	
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	2.00		4.13		6.20				10.24	11.30	11.30	8 / 6			
reaction time		interval			2.13		2.07				4.04	1.06		# of strides	4.13		
wind	1.1 m/s	velocity	5.00		9.39		9.66				9.90	9.43	8.85	50.0	7.26		
FINAL - 1990 Goodwill Games (Seattle, WA)												<i>Lyle (1990) - goodwill games women's 100m splits</i>					
date	24-Jul-90	time	2.02	3.14	4.16	5.15	6.12	7.05	8.02		9.99	11.02	11.05	7 / 2			
reaction time		interval	1.12	1.02	0.99	0.97	0.93	0.97			1.97	1.03		# of strides	4.16	2.89	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)												<i>Pascua (1990) - atletismo (I) carreras y marcha</i>					
date	09-Sep-89	time	3.15		5.18	6.15	7.15	8.14	9.15		11.18	11.18	/ 1				
reaction time		interval			2.03	0.97	1.00	0.99	1.01		2.03		# of strides				
wind	-1.1 m/s	velocity	6.35		9.85	10.31	10.00	10.10	9.90		9.85	8.94		50.0			
Eddou, Hajar (MAR) (1999)																	
FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	05-Jun-22	time	3.24		5.34		7.42		9.57		11.84	11.84	3 / 6				
reaction time	0.162	interval			2.10		2.08		2.15		2.27		# of strides				
wind	0.3 m/s	velocity	6.17		9.52		9.62		9.30		8.81	8.45		49.5			
Edfors, Cecilia (SWE) (1987)																	
B FINAL - 2007 Windsprint (Sundsvall, SWE)												<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	24-Jul-07	time		4.69			8.06		10.33		12.69	12.69	/ 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
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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) <i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>																
date	30-Jul-15	time	4.33	5.38	6.41	7.44	8.47	9.52	10.60	11.72	11.72	/ 1				
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		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)**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		interval		1.23	1.08	1.03	1.01	1.00	0.99	1.00	1.01	1.03		# of strides	4.41	3.04	3.00
wind	1.1 m/s	velocity	4.76	8.13	9.26	9.71	9.90	10.00	10.10	10.00	9.90	9.71	8.71		6.80	9.87	10.00

Edwards, Torri (USA) (1977)**FINAL** - 2008 IAAF World Athletics Final (Stuttgart, GER)*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		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		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 / 1			
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)														<i>USATF Women's Sprint Development (2003)</i>				
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)																		
B FINAL - 2007 Windsprint (Sundsvall, SWE)														<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	24-Jul-07	time		4.75				8.30		10.70		13.20	13.20	1 / 6				
reaction time		interval						3.55		2.40		2.50	PB	# of strides	4.75	3.55		
wind	0.9 m/s	velocity		6.32				8.45		8.33		8.00	7.58		6.32	8.45		
Emmanouilidou, Polyniki (GRE) (2003)																		
Heat 7 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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)																		
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)														<i>Omega Timing (2021) - diamond league race analysis</i>				
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)														<i>Omega Timing (2019) - diamond league race analysis</i>				
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)																		
FINAL - 2010 Sparkassen-Gala (Regensburg, GER)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>				
date	05-Jun-10	time		3.28		4.34		5.37		7.43		9.54	11.69	11.69	1 / 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)																		
D FINAL - 2013 Windsprint (Sundsvall, SWE)														<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
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)																		
FINAL - 2011 Windsprint (Sundsvall, SWE)														<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
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)																		
A FINAL - 2017 Windsprint (Sundsvall, SWE)														<i>(2017) - www.windsprint/Splittider/</i>				
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)														<i>(2016) - www.windsprint/Splittider/</i>				
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)														<i>(2016) - www.windsprint/Splittider/</i>				
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)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
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	1 / 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	1 / 7										
reaction time		interval		3.33	2.16	2.34		# of strides	4.47	3.33								
wind	1.0 m/s	velocity	6.71	9.01	9.26	8.55	8.13		6.71	9.01								

Evelyn, Tristan (BAR) (1998)

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

Heat 1 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

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

Evensen, Marianne (NOR) (1996)

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

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

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

Eze, Joy (GBR) (2004)

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

National FINAL - 2024 London Athletics Meet (London, GBR)

Omega Timing (2024) - diamond league race analysis

date	20-Jul-24	time	2.05	3.21	4.25	5.26	6.25	7.24	8.24	9.26	10.29	11.35	11.35	2 / 5				
reaction time	0.157	interval		1.16	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.06	PB	# of strides	4.25	2.99	3.05	
wind	1.1 m/s	velocity	4.88	8.62	9.62	9.90	10.10	10.10	10.00	9.80	9.71	9.43	8.81		7.06	10.03	9.84	

Facey, Simone (JAM) (1985)

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

FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)

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

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

Fant, Felicia (USA)

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

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

USATF Women's Sprint Development (2004)

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

Farina, Rossella (ITA) (1974)

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

FINAL - 1994 Italian National Championships (Naples, ITA)

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

date	???	time	1.98	3.29	4.35	5.37	6.37	7.36				11.85	11.85					
reaction time		interval		1.31	1.06	1.02	1.00	0.99				4.49		# of strides	4.35	3.01		
wind	???	velocity	5.05	7.63	9.43	9.80	10.00	10.10				8.91	8.44		6.90	9.97		

Fasihi, Farzaneh (IRI) (1993)

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

Heat 5 - 2024 Olympic Games (Paris, FRA)

Paris 2024 Olympic Games - Results Book (2024)

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

FINAL - 2024 Seashore Doha Meeting (Doha, QAT)

Omega Timing (2024) - diamond league race analysis

date	10-May-24	time	2.04	3.19	4.26	5.28	6.30	7.33	8.39	9.47	10.57	11.71	11.71	8 / 8				
reaction time	0.139	interval		1.15	1.07	1.02	1.02	1.03	1.06	1.08	1.10	1.14		# of strides	4.26	3.07	3.24	
wind	2.0 m/s	velocity	4.90	8.70	9.35	9.80	9.80	9.71	9.43	9.26	9.09	8.77	8.54		52.0	7.04	9.77	9.26

Faulon, Marie-Noëlle (FRA) (1971)

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

Heat 2 - 1996 International French Championships (Bercy, FRA)

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		1 / 5				
reaction time		interval		1.18	1.06	1.04	1.04	1.08						# of strides	4.34	3.16		
wind		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				
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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)																	
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	
wind		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)																	
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)																	
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)																	
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)																	
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)																	
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	45.5	7.11	10.38	10.60
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)																	
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	45.5	7.08	10.45	10.42
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)																	
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)																	
date	06-May-06	time	2.04	3.18	4.20	5.20	6.17	7.14	8.10	9.08	10.08	11.11	11.11	1 / 1			
reaction time		interval		1.14	1.02	1.00	0.97	0.97	0.96	0.98	1.00	1.03		# 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	46.0	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)																	
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	
wind		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)																	
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	46.0	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)																	
date	31-Jul-11	time			4.18		7.15		9.13		11.18	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		46.0	7.18	10.10	
FINAL - 2009 IAAF World Championships (Berlin, GER)																	
date	17-Aug-09	time		3.15	4.17	5.16		7.12		9.06		11.05	11.05	2 / 6			
reaction time	0.130	interval			1.02	0.99		1.96		1.94		1.99		# of strides	4.17	2.95	
wind	0.1 m/s	velocity		6.35	9.80	10.10		10.20		10.31		10.05	9.05	48.9	7.19	10.17	

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

date	17-Aug-09	time	3.15	4.17	5.16	7.12
reaction time	0.146	interval		1.02	0.99	1.96
wind	-0.1 m/s	velocity	6.35	9.80	10.10	10.20

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

	9.04	11.03	11.03	3 / 4
# of strides	4.17	2.95		
	7.19	10.17		

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

date	16-Aug-09	time	3.15	4.17	5.16	7.13
reaction time	0.165	interval		1.02	0.99	1.97
wind	0.1 m/s	velocity	6.35	9.80	10.10	10.15

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

	9.07	11.08	11.08	6 / 2
# of strides	4.17	2.96		
	48.5	7.19	10.14	

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

date	16-Aug-09	time	3.19	4.22	5.22	7.22
reaction time	0.156	interval		1.03	1.00	2.00
wind	0.0 m/s	velocity	6.27	9.71	10.00	10.00

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

	9.19	11.26	11.26	4 / 1
# of strides	4.22	3.00		
	7.11	10.00		

FINAL - 2009 ISTAF (Berlin, GER)

date	14-Jun-09	time	3.18	4.22	5.22	7.19
reaction time	0.154	interval		1.04	1.00	1.97
wind	0.1 m/s	velocity	6.29	9.62	10.00	10.15

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

	9.20	11.19	11.19	/ 5
# of strides	4.22	2.97		
	7.11	10.10		

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

date	14-Sep-08	time	3.20	4.24	5.25	6.25	7.25	8.22	9.22
reaction time	0.155	interval		1.04	1.01	1.00	1.00	0.97	1.00
wind	0.3 m/s	velocity	6.25	9.62	9.90	10.00	10.00	10.31	10.00

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

	11.25	11.25	2 / 8
# of strides	4.24	3.01	
	7.08	9.97	

Ferguson, Debbie (BAH) (1976)**FINAL - 2000 Olympic Games (Sydney, AUS)**

date	24-Sep-00	time	4.03	6.17	7.20	8.21
reaction time	0.238	interval		2.14	1.03	1.01
wind	-0.4 m/s	velocity	7.44	9.35	9.71	9.90

Veney - Sydney 100m women's splits

	10.18	11.29	11.29	2 / 8 7
# of strides	4.03	3.17	2.98	
	7.44	9.46	10.07	

FINAL - 2000 ISTAF (Berlin, GER)

date	01-Sep-00	time	3.16	4.19	5.19	7.15
reaction time	0.176	interval		1.03	1.00	1.96
wind	0.1 m/s	velocity	6.33	9.71	10.00	10.20

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

	11.15	11.15	/ 4 3
# of strides	4.19	2.96	
	7.16	10.14	

FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)

date	06-Mar-99	time	4.22	7.24
reaction time		interval		3.02
		velocity	7.11	9.93

Winckler (2008) - running parameters

	7.24	6 / 1
# of strides	4.22	3.02
	31.5	7.11

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

date	10-Feb-96	time	2.01	3.28	4.36	5.42	6.47	7.52
reaction time		interval		1.27	1.08	1.06	1.05	1.05
		velocity	4.98	7.87	9.26	9.43	9.52	9.52

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

	7.52	/ 4
# of strides	4.36	3.16
	6.88	9.49

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

date	25-Sep-88	time	2.01	3.12	4.15	5.16	6.13	7.11	8.10	9.09	10.10	11.13
reaction time	0.312	interval		1.11	1.03	1.01	0.97	0.98	0.99	0.99	1.01	1.03
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

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

	11.13	11.13	8 / 7
# of strides	4.15	2.96	2.99
	7.23	10.14	10.03

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

date	24-Jul-90	time	2.02	3.14	4.16	5.15	6.12	7.04	8.02
reaction time		interval		1.12	1.02	0.99	0.97	0.92	0.98
wind	0.0 m/s	velocity	4.95	8.93	9.80	10.10	10.31	10.87	10.20

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

	9.99	11.02	11.05	5 / 3
# of strides	4.16	2.88	2.95	
	7.21	10.42	10.17	

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

date	26-Jul-15	time	7.87
reaction time		interval	2.27
wind	0.1 m/s	velocity	7.62

(2015) - www.windsprint/Splittider/

	10.14	12.48	12.48	4 / 3
# of strides	2.34	8.55	8.01	

Foesters, Lore (BEL) (2007)**U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)**

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
reaction time	0.149	interval		1.20	1.10	1.07	1.07	1.07	1.10	1.11	1.14	1.18
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

Omega Timing (2023) - diamond league race analysis

	12.10	2 / 3	
# of strides	4.36	3.21	3.35
	6.88	9.35	8.96

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Fomenko, Viktoriya (UKR) (1970)																	
FINAL - 1997 European Cup (Munich, GER)																	
date	21-Jun-97	time	2.11	4.37	7.50	9.61	11.76	11.76									
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)																	
FINAL - 2020 Memorial Van Damme (Brussels, BEL)																	
date	04-Sep-20	time	3.3	5.5	7.5	9.6	11.74	11.74									
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)																	
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)																	
date	03-Aug-24	time	2.00	3.16	4.20	5.19	6.16	7.15	8.14	9.15	10.16	11.20	11.20				
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)																	
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				
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)																	
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				
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)																	
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				
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)																	
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				
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)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.03	3.19	4.25	5.26	6.26	7.28	8.29	9.32	10.36	11.44	11.44				
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)																	
A FINAL - 2013 Windsprint (Sundsvall, SWE)																	
date	28-Jul-13	time		4.32			7.35	9.38	11.49	11.49							
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)																	
Heat 2 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.11	3.27	4.33	5.35	6.34	7.35	8.36	9.39	10.43	11.50	11.50				
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)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)																	
date	02-Aug-24	time	2.08	3.36	4.53	5.69	6.84	8.00	9.19	10.40	11.64	13.15	13.15				
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)																	
FINAL - 2022 Weltklasse (Zürich, SUI)																	
date	08-Sep-22	time	3.06		5.00		6.86		8.72		10.65	10.65					
reaction time	0.159	interval			1.94		1.86		1.86		1.93			# of strides	5 / 1		
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)																	
date	02-Sep-22	time	3.06		5.00		6.85		8.74		10.74	10.74					
reaction time	0.136	interval			1.94		1.85		1.89		2.00			# of strides	5 / 2		

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)											<i>Omega Timing (2022) - diamond league race analysis</i>								
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)											<i>Omega Timing (2022) - diamond league race analysis</i>								
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 Meeting de Paris (Paris, FRA)											<i>Omega Timing (2022) - diamond league race analysis</i>								
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)											<i>Omega Timing (2021) - diamond league race analysis</i>								
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)											<i>Omega Timing (2021) - diamond league race analysis</i>								
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)											<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>								
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)											<i>Omega Timing (2021) - diamond league race analysis</i>								
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)											<i>Omega Timing (2021) - diamond league race analysis</i>								
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)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>								
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)											<i>Omega Timing (2019) - diamond league race analysis</i>								
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)											<i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>								
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			
<i>Fraser, Shelly-Ann (JAM) (1986)</i>																			
FINAL - 2009 IAAF World Championships (Berlin, GER)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>								
date	17-Aug-09	time	3.03	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							
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>								
date	17-Aug-09	time	3.06	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)											<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>								
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	10.53	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 / 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	1 / 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	1 / 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	1.03	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	9.71	9.52	9.09	8.74		7.16 9.84 9.68

Heat 5 - 2024 Olympic Games (Paris, FRA)*Paris 2024 Olympic 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		7.67	1 / 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	1 / 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) <i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>																		
date	30-Jul-12	time		6.53				7.57	8.65	9.78	10.90	12.09	12.09	8 / 6				
reaction time		interval						1.04	1.08	1.13	1.12	1.19		# of strides				3.33
wind	-0.3 m/s	velocity					7.66	9.62	9.26	8.85	8.93	8.40	8.27					9.01
Fujisawa, Sayaka (JPN) (1991)																		
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	23-Sep-18	time	2.11	3.32	4.42	5.49	6.55	7.61	8.68	9.76	10.86	11.98	11.98	3 / 7				
reaction time	0.150	interval		1.21	1.10	1.07	1.06	1.06	1.07	1.08	1.10	1.12		# of strides	4.42	3.19	3.25	
wind	-0.1 m/s	velocity	4.74	8.26	9.09	9.35	9.43	9.43	9.35	9.26	9.09	8.93	8.35	52.6	6.79	9.40	9.23	
Heat 3 - 2017 Mikio Oda Memorial (Hiroshima, JPN) <i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>																		
date	29-Apr-17	time	2.07	3.25	4.34	5.39	6.42	7.45	8.50	9.55	10.63	11.73	11.73	1 / 2				
reaction time		interval		1.18	1.09	1.05	1.03	1.03	1.05	1.05	1.08	1.10		# of strides	4.34	3.11	3.18	
wind	2.3 m/s	velocity	4.83	8.47	9.17	9.52	9.71	9.71	9.52	9.52	9.26	9.09	8.53	50.9	6.91	9.65	9.43	
Fujita, Haruka (JPN) (1992)																		
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN) <i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>																		
date	30-Jul-08	time	2.09	3.28	4.37	5.43	6.48	7.54	8.62	9.70	10.80	11.93	11.93	1 / 5				
reaction time		interval		1.19	1.09	1.06	1.05	1.06	1.08	1.08	1.10	1.13	PB	# of strides	4.37	3.17	3.26	
wind	0.4 m/s	velocity	9.57	8.40	9.17	9.43	9.52	9.43	9.26	9.26	9.09	8.85	8.38		6.86	9.46	9.20	
Fujiwara, Tamaki (JPN)																		
FINAL - 2020 Shimane High School Championships (Izumo, JPN) <i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>																		
date	11-Jul-20	time		4.57				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) <i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>																		
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)																		
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN) <i>Kobayashi (2020) - national high school and U20 national championships</i>																		
date	24-Oct-20	time	2.16	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) <i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>																		
date	05-Aug-19	time	2.05	3.24	4.33	5.38	6.42	7.46	8.51	9.58	10.67	11.78	11.78	1 / 6				
reaction time		interval		1.19	1.09	1.05	1.04	1.04	1.05	1.07	1.09	1.11	PB	# of strides	4.33	3.13	3.21	
wind	-0.1 m/s	velocity	4.88	8.40	9.17	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.49	49.7	6.93	9.58	9.35	
Fuksová, Karolína (CZE) (1998)																		
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE) <i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																		
date	28-Jun-14	time		3.58		5.93		8.26		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					
Fukamoto, Tomohiro (JPN)																		
FINAL - 2021 Shimane High School Championships (Izumo, JPN) <i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>																		
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)																		
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	23-Jun-18	time	2.04	3.22	4.30	5.34	6.36	7.39	8.42	9.47	10.55	11.66	11.66	6 / 2				
reaction time	0.145	interval		1.18	1.08	1.04	1.02	1.03	1.03	1.05	1.08	1.11		# of strides	4.30	3.09	3.16	
wind	0.8 m/s	velocity	4.90	8.47	9.26	9.62	9.80	9.71	9.71	9.52	9.26	9.01	8.58	54.7	6.98	9.71	9.49	
FINAL - 2018 Fuse Sprint (Tottori, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	03-Jun-18	time	2.02	3.19	4.25	5.27	6.28	7.28	8.30	9.33	10.38	11.46	11.46	4 / 3				
reaction time		interval		1.17	1.06	1.02	1.01	1.00	1.02	1.03	1.05	1.08		# of strides	4.25	3.03	3.10	
wind	1.8 m/s	velocity	4.95	8.55	9.43	9.80	9.90	10.00	9.80	9.71	9.52	9.26	8.73	54.6	7.06	9.90	9.68	

FINAL - 2018 Seiko Golden Grand Prix (Osaka, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>				
date	20-May-18	time	2.04	3.20	4.26	5.28	6.29	7.30	8.32	9.35	10.41	11.49	11.49	6 / 4				
reaction time	0.136	interval		1.16	1.06	1.02	1.01	1.01	1.02	1.03	1.06	1.08		# of strides	4.26	3.04	3.11	
wind	2.3 m/s	velocity	4.90	8.62	9.43	9.80	9.90	9.90	9.80	9.71	9.43	9.26	8.70	55.0	7.04	9.87	9.65	
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>				
date	29-Apr-18	time	2.02	3.18	4.25	5.27	6.27	7.27	8.28	9.30	10.35	11.42	11.42	4 / 1				
reaction time		interval		1.16	1.07	1.02	1.00	1.00	1.01	1.02	1.05	1.07		# of strides	4.25	3.02	3.08	
wind	1.3 m/s	velocity	4.95	8.62	9.35	9.80	10.00	10.00	9.90	9.80	9.52	9.35	8.76	55.2	7.06	9.93	9.74	
Heat 1 - 2017 Japanese National Championships (Osaka, JPN)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>				
date	23-Jun-17	time	2.05	3.20	4.25	5.29	6.30	7.32	8.35	9.40	10.46	11.55	11.55	/ 2				
reaction time	0.145	interval		1.15	1.05	1.04	1.01	1.02	1.03	1.05	1.06	1.09		# of strides	4.25	3.07	3.14	
wind	0.2 m/s	velocity	4.88	8.70	9.52	9.62	9.90	9.80	9.71	9.52	9.43	9.17	8.66	54.4	7.06	9.77	9.55	
FINAL - 2016 National Sports Festival (Kitakami, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>				
date	08-Aug-16	time	2.01	3.16	4.24	5.29	6.32	7.35	8.39	9.46	10.55	11.66	11.66	7 / 1				
reaction time	0.135	interval		1.15	1.08	1.05	1.03	1.03	1.04	1.07	1.09	1.11		# of strides	4.24	3.11	3.20	
wind	2.0 m/s	velocity	4.98	8.70	9.26	9.52	9.71	9.71	9.62	9.35	9.17	9.01	8.58	53.6	7.08	9.65	9.38	
FINAL - 2016 Japanese National Championships (Nagoya, JPN)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>				
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)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>				
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)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>				
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)														<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>				
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)														<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>				
date	29-Apr-12	time	2.03	3.15	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)														<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>				
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)														<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>				
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)														<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>				
date	29-Apr-10	time	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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>				
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)														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>				

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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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	/ 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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
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)			<i>Omega Timing (2024) - diamond league race analysis</i>														
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)			<i>Omega Timing (2024) - diamond league race analysis</i>														
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)			<i>Veney - Sydney 100m women's splits</i>														
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)			<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
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)			<i>USATF Women's Sprint Development with HPC (2008)</i>														
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	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	11.19	11.19	11.19	11.19	11.19	1 / 5 4		
reaction time	interval	1.15	1.05	1.01	1.94	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	# of strides	4.23	2.95
wind	0.1 m/s	velocity	6.29	9.52	9.90	10.31	9.98	9.98	9.98	9.98	9.98	9.98	9.98	8.94	7.09	10.17

FINAL - 2000 USA Olympic Trials (Sacramento, CA)

Lyle - miscellaneous coaching notes

date	15-Jul-00	time	2.04	4.22	6.12	7.09	10.06	11.13	11.13	11.13	11.13	11.13	11.13	1 / 3			
reaction time	interval	2.18	1.90	0.97	0.97	2.97	1.07	2.97	1.07	2.97	1.07	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	8.98	8.98	8.98	8.98	7.11	10.45	10.10	

FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

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

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

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	2.00	4.22	6.10	10.00	11.02	11.02	11.02	11.02	11.02	11.02	11.02	5 / 2	
reaction time	interval	2.22	1.88	3.90	1.02	=PB	# of strides	4.22	4.22	4.22	4.22	4.22	4.22	4.22	
wind	0.2 m/s	velocity	5.00	9.01	10.64	10.26	9.80	9.07	9.07	9.07	9.07	9.07	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	1.02	1.08	1.08	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	9.80	9.26	8.73	7.04	9.84	9.80

Gaither, TyNia (BAH) (1993)

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

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

Longines Timing (2022) - commonwealth games race analysis

date	03-Aug-22	time	3.1	5.2	7.1	9.1	11.23	11.23	11.23	11.23	11.23	11.23	11.23	2 / 7 6
reaction time	interval	0.125	2.10	1.90	2.00	2.13	# of strides	53.2	53.2	53.2	53.2	53.2	53.2	53.2
wind	0.4 m/s	velocity	6.45	9.52	10.53	10.00	9.39	8.90	8.90	8.90	8.90	8.90	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	11.17	11.17	11.17	11.17	11.17	5 / 3
reaction time	interval	0.133	2.10	2.00	1.90	2.07	# of strides	53.0	53.0	53.0	53.0	53.0	53.0	
wind	1.1 m/s	velocity	6.45	9.52	10.00	10.53	9.66	8.95	8.95	8.95	8.95	8.95	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	11.23	11.23	11.23	11.23	11.23	4 / 2
reaction time	interval	0.134	2.10	2.00	1.90	2.13	# of strides	53.5	53.5	53.5	53.5	53.5	53.5	
wind	0.8 m/s	velocity	6.45	9.52	10.00	10.53	9.39	8.90	8.90	8.90	8.90	8.90	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	interval	0.165	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

Galignani, Laura (ITA) (1971)

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

FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)

														<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>			
date	02-Aug-19	time	2.08	3.20	4.27	5.30	6.31	7.32	8.34	9.37	10.41	11.49	11.49	6 / 3			
reaction time		interval		1.12	1.07	1.03	1.01	1.01	1.02	1.03	1.04	1.08		# of strides	4.27	3.05	3.09
wind	-1.2 m/s	velocity	4.81	8.93	9.35	9.71	9.90	9.90	9.80	9.71	9.62	9.26	8.70		7.03	9.84	9.71

Heat 2 - 2017 National Grand Prix Final (Guiyang, CHN) (Altitude)

														<i>Jiang (2017) CAA sport science report</i>			
date	25-Jun-17	time	1.90	3.06	4.12	5.13	6.13	7.14	8.15	9.20	10.26	11.34	11.52	/ 1			
reaction time		interval		1.16	1.06	1.01	1.00	1.01	1.01	1.05	1.06	1.08		# of strides	4.12	3.02	3.12
wind	0.9 m/s	velocity	5.26	8.62	9.43	9.90	10.00	9.90	9.90	9.52	9.43	9.26	8.68		52.0	7.28	9.93

Geflikh, Anna (RUS) (1983)

														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
Quarter-Final 3 - 2009 IAAF World Championships (Berlin, GER)																	
date	16-Aug-09	time		3.23	4.28	5.29		7.32		9.33		11.46	11.46	7 / 5			
reaction time	0.199	interval			1.05	1.01		2.03		2.01		2.13		# of strides	4.28	3.04	
wind	0.1 m/s	velocity		6.19	9.52	9.90		9.85		9.95		9.39	8.73		48.0	7.01	9.87

Heat 8 - 2009 IAAF World Championships (Berlin, GER)

														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
date	16-Aug-09	time		3.22	4.27	5.28		7.32		9.35		11.47	11.47	4 / 2			
reaction time	0.166	interval			1.05	1.01		2.04		2.03		2.12		# of strides	4.27	3.05	
wind	1.1 m/s	velocity		6.21	9.52	9.90		9.80		9.85		9.43	8.72		7.03	9.84	

Gerulová, Emily (CZE) (1997)

														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	2.14	3.35	4.49	5.63	6.76	7.93	9.10	10.27	11.46	12.68	12.68	2 / 2			
reaction time	0.158	interval		1.21	1.14	1.14	1.13	1.17	1.17	1.17	1.19	1.22		# of strides	4.49	3.44	3.53
wind	-6.4 m/s	velocity	4.67	8.26	8.77	8.77	8.85	8.55	8.55	8.55	8.40	8.20	7.89		6.68	8.72	8.50

Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)

														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
date	28-Jun-14	time		3.33		5.56		7.80		10.12		12.51	12.51	5 / 2			
reaction time	0.154	interval				2.23		2.24		2.32		2.39		# of strides			
wind	-4.3 m/s	velocity		6.01		8.97		8.93		8.62		8.37	7.99				

Gevaert, Kim (BEL) (1978)

														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>			
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)																	
date	23-Sep-07	time		3.16	4.19	5.19		7.18		9.21		11.29	11.29	7 / 4			
reaction time	0.143	interval			1.03	1.00		1.99		2.03		2.08		# of strides	4.19	2.99	
wind	-0.6 m/s	velocity		6.33	9.71	10.00		10.05		9.85		9.62	8.86		7.16	10.03	

FINAL - 2007 IAAF World Championships (Osaka, JPN)

														<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>			
date	27-Aug-07	time	1.98	3.10	4.11	5.10	6.08	7.04	8.02	9.01	10.01	11.05	11.05	3 / 5			
reaction time	0.143	interval		1.12	1.01	0.99	0.98	0.96	0.98	0.99	1.00	1.04		# of strides	4.11	2.93	
wind	-0.2 m/s	velocity	5.05	8.93	9.90	10.10	10.20	10.42	10.20	10.10	10.00	9.62	9.05		46.0	7.30	10.24

FINAL - 2002 European Championships (Munich, GER)

														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-02	time		3.15	4.19	5.19		7.17		9.18		11.23	11.22	/ 2			
reaction time	0.139	interval			1.04	1.00		1.98		2.01		2.05		# of strides	4.19	2.98	
wind	-0.7 m/s	velocity		6.35	9.62	10.00		10.10		9.95		9.76	8.91		47.8	7.16	10.07

Semi-Final 1 - 2002 European Championships (Munich, GER)

														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>			
date	07-Aug-02	time		3.15	4.19	5.19		7.17		9.17		11.27	11.27	/ 1			
reaction time	0.138	interval			1.04	1.00		1.98		2.00		2.10		# of strides	4.19	2.98	
wind	0.0 m/s	velocity		6.35	9.62	10.00		10.10		10.00		9.52	8.87		7.16	10.07	

Heat 3 - 2002 European Championships (Munich, GER)

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

														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>			
C FINAL - 2014 Windsprint (Sundsvall, SWE)																	
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)

														<i>USATF Women's Sprint Development with HPC (2008)</i>			
FINAL - 2008 USATF National Junior Championships (Columbus, OH)																	
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
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B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time	3.3	5.4	7.5	9.5	11.62	11.62	2 / 3	Omega Timing (2021) - diamond league race analysis
reaction time	0.164	interval		2.10	2.10	2.00	2.12	PB	# of strides	
wind	1.2 m/s	velocity	6.06	9.52	9.52	10.00	9.43	8.61		

Gnafoua, Floriane (FRA) (1996)

B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)	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	3.2	5.3	7.3	9.4	11.67	11.67	7 / 2	Omega Timing (2022) - diamond league race analysis					
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)

Heat 7 - 2024 Olympic Games (Paris, FRA)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
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	Paris 2024 Olympic Games - Results Book (2024)		
reaction time	0.153	interval		1.13	1.04	1.01	0.99	0.99	1.02	1.01	1.05	1.09		# of strides	4.17	2.99	3.08
wind	-0.2 m/s	velocity	5.00	8.85	9.62	9.90	10.10	10.10	9.80	9.90	9.52	9.17	8.83	50.0	7.19	10.03	9.74

Göhr, Marlies (GDR) (1958)

Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	25-Sep-88	time	2.07	3.20	4.24	5.22	6.18	7.12	8.11	9.11	10.12	11.13	11.13	4 / 6	Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988		
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)

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	Sušanka (1987) - hints on computer processing of biomechanical data		
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)

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

date	08-Jun-83	time	4.14	6.98	8.86	10.81	10.81	1 / 1	Bauersfeld (1992) - Grundlagen der leichtathletik: das standerwerk für ausbildung und praxis	
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)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	01-Jul-77	time	4.12	7.00	8.92	10.88	10.88	4 / 1	Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampfaufen olympiazyklus 73/76						
reaction time		interval		2.88	1.92	1.96	WR / WYB	# of strides	4.12	2.88					
wind	2.0 m/s	velocity	7.28	10.42	10.42	10.20	9.19	55.0	7.28	10.42					

Goodwin, Deanna (USA) (1985)

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

Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)	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	2.14	3.30	4.35	5.41	6.45	7.51	8.53	9.60	10.69	11.80	11.80	7 / 8	USATF Women's Sprint Development (2004)		
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)

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	USATF Women's Sprint Development (2004)		
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)

FINAL - 1996 USATF National Junior Championships (Delaware, OH)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
date	28-Jun-96	time	2.13	4.44	6.37	7.40	10.53	11.76	11.76	1 / 6	USATF Women's Sprint Development (1996)				
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)

FINAL - 1988 Olympic Games (Seoul, KOR)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
date	25-Sep-88	time	2.00	3.09	4.09	5.04	5.97	6.89	7.80	8.71	9.62	10.54	10.54	3 / 1	Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988		
reaction time	0.131	interval		1.09	1.00	0.95	0.93	0.92	0.91	0.91	0.91	0.92		# of strides	4.09	2.80	2.73
wind	3.0 m/s	velocity	5.00	9.17	10.00	10.53	10.75	10.87	10.99	10.99	10.99	10.87	9.49	47.6	7.33	10.71	10.99

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

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

FINAL - 1988 USA Olympic Trials (Indianapolis, IN)*Veney - Split times from PJ*

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

Quarter-Final 1 - 1988 USA Olympic Trials (Indianapolis, IN)*Veney - Split times from PJ*

date	16-Jul-88	time	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, Alvide (NOR) (1992)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****C FINAL - 2014 Windsprint (Sundsvall, SWE)***(2014) - www.ssg.se/windsprint/Splittider/*

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

Grønhaug, Stine Marie (NOR) (1992)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****C FINAL - 2009 Windsprint (Sundsvall, SWE)***(2009) - www.ssg.se/en/Windsprint/Split-times/*

date	25-Jul-09	time		4.72				8.07		10.32		12.68	12.68	/ 1			
reaction time		interval						3.35		2.25		2.36		# of strides	4.72	3.35	
wind	0.9 m/s	velocity		6.36				8.96		8.89		8.47	7.89		6.36	8.96	

Guidry, Carlette (USA) (1968)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****FINAL - 1996 USA Olympic Trials (Atlanta, GA)***USATF Women's Sprint Development (1996)*

date	15-Jun-96	time	1.99		4.23		6.12			10.03	11.07	11.07	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	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				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Guy, LaDedra (USA) (1984)																	
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.08	3.18	4.22	5.22	6.19	7.16	8.13	9.14	10.13	11.17	11.17	1 / 6			
reaction time		interval		1.10	1.04	1.00	0.97	0.97	0.97	1.01	0.99	1.04		# of strides	4.22	2.94	2.97
wind	2.3 m/s	velocity	4.81	9.09	9.62	10.00	10.31	10.31	10.31	9.90	10.10	9.62	8.95		7.11	10.20	10.10
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.10	3.24	4.27	5.28	6.24	7.25	8.29	9.26	10.24	11.25	11.25	8 / 3			
reaction time		interval		1.14	1.03	1.01	0.96	1.01	1.04	0.97	0.98	1.01		# of strides	4.27	2.98	2.99
wind	2.2 m/s	velocity	4.76	8.77	9.71	9.90	10.42	9.90	9.62	10.31	10.20	9.90	8.89		7.03	10.07	10.03
Haase, Rebekka (GER) (1993)																	
Heat 7 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
date	02-Aug-24	time	2.07	3.21	4.25	5.24	6.20	7.19	8.17	9.18	10.21	11.28	11.28	7 / 5			
reaction time	0.151	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)													<i>Omega Timing (2020) - diamond league race analysis</i>				
date	23-Aug-20	time		3.3		5.4		7.3		9.3		11.32	11.32	3 / 4			
reaction time	0.141	interval				2.10		1.90		2.00		2.02		# of strides			
wind	1.3 m/s	velocity		6.06		9.52		10.53		10.00		9.90	8.83	50.2			
FINAL - 2010 German National Youth Championships (Ulm, GER)													<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>				
date	07-Aug-10	time		3.40	4.49	5.55		7.64		9.76		11.95	11.95	/ 3			
reaction time		interval			1.09	1.06		2.09		2.12		2.19		# of strides	4.49	3.15	
wind	-0.3 m/s	velocity		5.88	9.17	9.43		9.57		9.43		9.13	8.37		6.68	9.52	
Semi-Final 2 - 2010 German National Youth Championships (Ulm, GER)													<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>				
date	07-Aug-10	time		3.38	4.47	5.52		7.60		9.71		11.87	11.87	/ 1			
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)																	
Semi-Final 2 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	17-Aug-09	time		3.16	4.25	5.25		7.30		9.34		11.45	11.45	7 / 7			
reaction time	0.131	interval			1.09	1.00		2.05		2.04		2.11		# of strides	4.25	3.05	
wind	-0.1 m/s	velocity		6.33	9.17	10.00		9.76		9.80		9.48	8.73		7.06	9.84	
Quarter-Final 1 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	16-Aug-09	time		3.17	4.22	5.24		7.26		9.28		11.37	11.37	8 / 3			
reaction time	0.143	interval			1.05	1.02		2.02		2.02		2.09		# of strides	4.22	3.04	
wind	-0.3 m/s	velocity		6.31	9.52	9.80		9.90		9.90		9.57	8.80		7.11	9.87	
Heat 6 - 2009 IAAF World Championships (Berlin, GER)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	16-Aug-09	time		3.18	4.23	5.24		7.27		9.27		11.36	11.36	8 / 3			
reaction time	0.157	interval			1.05	1.01		2.03		2.00		2.09		# of strides	4.23	3.04	
wind	-0.6 m/s	velocity		6.29	9.52	9.90		9.85		10.00		9.57	8.80		7.09	9.87	
Hajime, Chinatsu (JPN)																	
FINAL - 2019 Shimane High School Championships (Izumo, JPN)													<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>				
date	25-May-19	time			4.70		8.20					11.70	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
Hallberg Hossain, Ayla (SWE) (2006)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	02-Jun-24	time	2.16	3.36	4.47	5.54	6.59	7.64	8.70	9.76	10.83	11.91	11.91	7 / 6			
reaction time	0.156	interval		1.20	1.11	1.07	1.05	1.05	1.06	1.06	1.07	1.08		# of strides	4.47	3.17	3.19
wind	-0.3 m/s	velocity	4.63	8.33	9.01	9.35	9.52	9.52	9.43	9.43	9.35	9.26	8.40		6.71	9.46	9.40
Hamann, Monika (GDR) (1954)																	
FINAL - 1977 East German National Championships (Dresden, GDR)													<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76</i>				
date	01-Jul-77	time			4.16		7.10		9.03		11.03	11.03	2 / 2				
reaction time		interval					2.94		1.93		2.00	PB		# of strides	4.16	2.94	
wind	2.0 m/s	velocity			7.21		10.20		10.36		10.00	9.07		53.5	7.21	10.20	
FINAL - 1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)													<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76</i>				
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)															<i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf bei wettkampflaufen olympiazyklus 73/76</i>										
date	20-Jul-73	time											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											9.87	9.90	9.39	8.73	7.04	9.87							
Hammond, Janeya (USA)															<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>										
U20 FINAL - 2020 Millrose Games (New York, NY)																									
date	08-Feb-20	time	2.30	3.51	4.61	5.72	6.84	7.97					7.97			2 / 8									
reaction time		interval															# of strides	4.61	3.36						
wind		velocity	4.35	8.26	9.09	9.01	8.93	8.85					7.53			6.51	8.93								
Hamrén, Malin (SWE) (1986)															<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>										
B FINAL - 2007 Windsprint (Sundsvall, SWE)																									
date	24-Jul-07	time											4.64	8.08	10.45	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)															<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>										
FINAL - 2020 Japanese National Championships (Niigata, JPN)																									
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															# 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)															<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>										
FINAL - 2009 Windsprint (Sundsvall, SWE)																									
date	25-Jul-09	time											4.41	7.55	9.64	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)															<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>										
date	06-Jul-08	time											4.38	7.42	9.53	11.63	/ 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)															<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>										
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)																									
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																		# of strides	4.19	3.05			
wind	-0.1 m/s	velocity											6.37	9.52	9.90	9.80	9.95	9.57	8.82	7.16	9.84				
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)															<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>										
date	16-Aug-09	time											3.11	4.14	5.14	7.14	9.12	11.21	11.21	4 / 3					
reaction time	0.150	interval																		# of strides	4.14	3.00			
wind	0.8 m/s	velocity											6.43	9.71	10.00	10.00	10.10	9.57	8.92	49.7	7.25	10.00			
Heat 7 - 2009 IAAF World Championships (Berlin, GER)															<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>										
date	16-Aug-09	time											3.14	4.18	5.19	7.23	9.27	11.39	11.39	7 / 2					
reaction time	0.160	interval																		# of strides	4.18	3.05			
wind	-0.5 m/s	velocity											6.37	9.62	9.90	9.80	9.80	9.43	8.78	7.18	9.84				
FINAL - 2009 ISTAF (Berlin, GER)															<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>										
date	14-Jun-09	time											3.17	4.22	5.23	7.26	9.35	11.47	11.47	9 / 9					
reaction time	0.180	interval																		# 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)															<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>										
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)																									
date	30-Jul-17	time											4.40	7.75	11.23	12.44	12.44	9 / 8							
reaction time	0.163	interval																		# 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)															<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>										
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)																									
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																						# of strides	3.33
wind	-3.2 m/s	velocity											4.74	8.13	8.89	9.17	9.01	8.85	8.85	8.85	8.55	8.10			9.01
Hassel, Julia (SWE) (1994)															<i>(2015) - www.windsprint/Splittider/</i>										
B FINAL - 2015 Windsprint (Sundsvall, SWE)																									
date	26-Jul-15	time											4.77	8.16	10.45	12.81	12.81	6 / 5							
reaction time		interval																		# 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 Olympic 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 Olympic 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 interval 1.15 1.04 0.99 0.98 0.97 0.98 0.99 1.01 1.05 # of strides 4.19 2.94 2.98
 wind -0.1 m/s velocity 5.00 8.70 9.62 10.10 10.20 10.31 10.20 10.10 9.90 9.52 8.96 52.7 7.16 10.20 10.07

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Henderson, Ashley (USA) (1995)																		
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)		<i>European Athletics (2019) - race analysis</i>																
date	09-Sep-19	time										6.48	11.53	11.53	2 / 5			
reaction time	0.138	interval										5.05	# of strides					
wind	-0.8 m/s	velocity										9.90	8.67	51.0				
Hendriks, Kiki (NED) (2000) (T62)																		
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)		<i>Omega Timing (2023) - diamond league race analysis</i>																
date	17-Sep-23	time	2.49	3.87	5.10	6.27	7.41	8.53	9.65	10.78	11.92	13.10	13.10	6 / 3				
reaction time	0.134	interval	1.38		1.23	1.17	1.14	1.12	1.12	1.13	1.14	1.18	# of strides					
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	5.10	3.43	3.39	
Henriksson, Julia (SWE) (2000)																		
Heat A - 2024 Weltklasse (Zürich, SUI)		<i>Omega Timing (2024) - diamond league race analysis</i>																
date	05-Sep-24	time	2.05	3.20	4.24	5.23	6.22	7.20	8.19	9.18	10.18	11.23	11.23	4 / 1				
reaction time	0.175	interval	1.15		1.04	0.99	0.99	0.98	0.99	0.99	1.00	1.05	# of strides					
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	4.24	2.96	2.98	
Heat 4 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
date	02-Aug-24	time	2.06	3.23	4.28	5.28	6.25	7.24	8.23	9.22	10.23	11.26	11.26	5 / 5				
reaction time	0.145	interval	1.17		1.05	1.00	0.97	0.99	0.99	0.99	1.01	1.03	# of strides					
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	4.28	2.96	2.99	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)		<i>Omega Timing (2024) - diamond league race analysis</i>																
date	02-Jun-24	time	2.06	3.21	4.26	5.28	6.28	7.28	8.29	9.30	10.33	11.37	11.37	6 / 5				
reaction time	0.150	interval	1.15		1.05	1.02	1.00	1.00	1.01	1.01	1.03	1.04	# of strides					
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	4.26	3.02	3.05	
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)		<i>Omega Timing (2021) - diamond league race analysis</i>																
date	04-Jul-21	time	3.3		5.4		7.5		9.6		11.66		11.66	1 / 5				
reaction time	0.171	interval			2.10		2.10		2.10		2.06		# of strides					
wind	-1.3 m/s	velocity	6.06		9.52		9.52		9.52		9.71		8.58					
Henriksson, Malin (SWE) (1978)																		
FINAL - 2007 Windsprint (Sundsvall, SWE)		<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	24-Jul-07	time	4.51			7.77			9.95			12.20		12.20	/ 6			
reaction time		interval				3.26			2.18			2.25		# of strides				
wind	1.0 m/s	velocity	6.65			9.20			9.17			8.89		8.20		6.65		
Henry, Desiree (GBR) (1995)																		
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)		<i>Omega Timing (2024) - diamond league race analysis</i>																
date	22-Aug-24	time	2.12	3.30	4.36	5.38	6.38	7.38	8.38	9.40	10.44	11.53	11.53	7 / 7				
reaction time	0.152	interval	1.18		1.06	1.02	1.00	1.00	1.00	1.02	1.04	1.09	# of strides					
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	4.36	3.02	3.06	
National FINAL - 2024 London Athletics Meet (London, GBR)		<i>Omega Timing (2024) - diamond league race analysis</i>																
date	20-Jul-24	time	2.08	3.24	4.29	5.29	6.26	7.23	8.21	9.19	10.19	11.22	11.22	3 / 2				
reaction time	0.139	interval	1.16		1.05	1.00	0.97	0.97	0.98	0.98	1.00	1.03	# of strides					
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	4.29	2.94	2.96	
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)		<i>Omega Timing (2021) - diamond league race analysis</i>																
date	23-May-21	time	3.0		5.2		7.3		9.5		11.95		11.95	2 / 6				
reaction time	0.135	interval			2.20		2.10		2.20		2.45		# of strides					
wind	-4.2 m/s	velocity	6.67		9.09		9.52		9.09		8.16		8.37					
Hiebert, Xenia (PAR) (1998)																		
Heat 7 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
date	02-Aug-24	time	2.11	3.29	4.37	5.40	6.44	7.47	8.52	9.59	10.70	11.82	11.82	9 / 9				
reaction time	0.145	interval	1.18		1.08	1.03	1.04	1.03	1.05	1.07	1.11	1.12	# of strides					
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	4.37	3.10	3.23	
Prelim 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
date	02-Aug-24	time	1.89	3.05	4.13	5.16	6.18	7.19	8.25	9.33	10.42	11.77	11.77	8 / 3				
reaction time	0.161	interval	1.16		1.08	1.03	1.02	1.01	1.06	1.08	1.09	1.35	# of strides					
wind	0.0 m/s	velocity	5.29	8.62	9.26	9.71	9.80	9.90	9.43	9.26	9.17	7.41	8.50	52.0	7.26	9.80	9.29	
Hildingsson, Anna (SWE) (1993)																		
C FINAL - 2010 Windsprint (Sundsvall, SWE)		<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																
date	08-Aug-10	time	4.64			7.93			10.12			12.36		12.36	/ 2			
reaction time		interval				3.29			2.19			2.24		# of strides				
wind	3.5 m/s	velocity	6.47			9.12			9.13			8.93		8.09		6.47		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hill, D'Andre (USA) (1973)																
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	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)																
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)																
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
Hjelmer, Moa (SWE) (1990)																
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.elitandslag.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	1 / 2			
reaction time		interval				3.15				2.07	2.13		# of strides	4.51	3.15	
wind	2.2 m/s	velocity	6.65			9.52				9.66	9.39	8.43		6.65	9.52	
Hlaváčková, Šárka (CZE) (1995)																
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)												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)																
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
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	0.96	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

FINAL - 2023 Athletissima (Lausanne, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>					
date	30-Jun-23	time	2.02	3.15	4.17	5.16	6.15	7.13	8.12	9.13	10.16	11.20	11.20	7 / 5				
reaction time	0.173	interval		1.13	1.02	0.99	0.99	0.98	0.99	1.01	1.03	1.04		# of strides	4.17	2.96	3.03	
wind	-0.8 m/s	velocity	4.95	8.85	9.80	10.10	10.10	10.20	10.10	9.90	9.71	9.62	8.93	51.0	7.19	10.14	9.90	

FINAL - 2022 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2022) - diamond league race analysis</i>					
date	02-Sep-22	time	3.12		5.11		7.02		8.92		10.91	10.91	10.91	4 / 4				
reaction time	0.164	interval			1.99		1.91		1.90		1.99	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)													<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time	3.07		5.06		6.95		8.87		10.87	10.87	10.87	2 / 1				
reaction time	0.142	interval			1.99		1.89		1.92		2.00	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)													<i>Omega Timing (2022) - diamond league race analysis</i>					
date	10-Aug-22	time	3.12		5.08		6.96		8.86		10.81	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)													<i>Omega Timing (2022) - diamond league race analysis</i>					
date	06-Aug-22	time	3.14		5.13		7.02		8.94		10.94	10.94	10.94	6 / 2				
reaction time	0.151	interval			1.99		1.89		1.92		2.00	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)													<i>Omega Timing (2020) - diamond league race analysis</i>					
date	17-Sep-20	time	3.2		5.2		7.2		9.1		11.12	11.12	11.12	4 / 2				
reaction time	0.139	interval			2.00		2.00		1.90		2.02	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)													<i>Omega Timing (2019) - diamond league race analysis</i>					
date	06-Sep-19	time	3.2		5.2		7.2		9.2		11.29	11.29	11.29	2 / 6				
reaction time	0.159	interval			2.0		2.0		2.0		2.09	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)													<i>Omega Timing (2019) - diamond league race analysis</i>					
date	24-Aug-19	time			6.2						11.16	11.16	11.16	7 / 5				
reaction time	0.186	interval									4.96	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)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)													<i>Paris 2024 Olympc Games - Results Book (2024)</i>					
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)													<i>Omega Timing (2024) - diamond league race analysis</i>					
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)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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 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 / 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, Marshvet (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 / 5 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

Hřivnová, 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		interval		0.172		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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Hultgren, Matilda (SWE) (1989)																	
C FINAL - 2011 Windsprint (Sundsvall, SWE)																	
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	31-Jul-11	time	4.55			7.83		10.08		12.40	12.40	6 / 3					
reaction time		interval				3.28		2.25		2.32		# of strides	4.55	3.28			
wind	1.2 m/s	velocity	6.59			9.15		8.89		8.62	8.06		6.59	9.15			
B FINAL - 2010 Windsprint (Sundsvall, SWE)																	
<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	08-Aug-10	time	4.52			7.69		9.82		12.05	12.05	1 / 5					
reaction time		interval				3.17		2.13		2.23		# of strides	4.52	3.17			
wind	2.2 m/s	velocity	6.64			9.46		9.39		8.97	8.30		6.64	9.46			
Humair, Aurélie (SUI) (1989)																	
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																	
date	27-Feb-16	time	4.45			7.71					7.71	1 / 8					
reaction time		interval				3.26						# of strides	4.45	3.26			
		velocity	6.74			9.20					7.78	35.2	6.74	9.20			
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																	
date	27-Feb-16	time	4.43			7.67					7.67	1 / 4					
reaction time		interval				3.24						# of strides	4.43	3.24			
		velocity	6.77			9.26					7.82		6.77	9.26			
Humair, Fanette (SUI) (1991)																	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																	
date	27-Feb-16	time	4.53			7.78					7.78	1 / 6					
reaction time		interval				3.25						# of strides	4.53	3.25			
		velocity	6.62			9.23					7.71		6.62	9.23			
Humpolíková, Pavla (CZE) (1985)																	
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)																	
<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																	
date	15-Jun-13	time	3.40	5.59		7.74		9.94		12.18	12.18	6 / 4					
reaction time	0.176	interval		2.19		2.15		2.20		2.24		# of strides					
wind	-0.6 m/s	velocity	5.88	9.13		9.30		9.09		8.93	8.21						
Semi-Final 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																	
<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																	
date	25-Feb-12	time	2.21	3.44	4.54	5.61	6.69	7.78			7.78	7 / 6					
reaction time	0.177	interval		1.23	1.10	1.07	1.08	1.09				# of strides	4.54	3.24			
		velocity	4.52	8.13	9.09	9.35	9.26	9.17			7.71		6.61	9.26			
Heat 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)																	
<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																	
date	25-Feb-12	time	2.17	3.37	4.52	5.62	6.71	7.80			7.80	6 / 4					
reaction time	0.145	interval		1.20	1.15	1.10	1.09	1.09				# of strides	4.52	3.28			
		velocity	4.61	8.33	8.70	9.09	9.17	9.17			7.69		6.64	9.15			
Hunt, Amy (GBR) (2002)																	
B Race - Heat 1 - 2024 Athletissima (Lausanne, SUI)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	22-Aug-24	time	2.06	3.22	4.27	5.29	6.28	7.27	8.27	9.27	10.30	11.36	11.36	6 / 3			
reaction time	0.186	interval		1.16	1.05	1.02	0.99	0.99	1.00	1.00	1.03	1.06		# of strides	4.27	3.00	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)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
date	10-May-24	time	2.08	3.23	4.27	5.26	6.22	7.19	8.16	9.14	10.13	11.13	11.13	6 / 4			
reaction time	0.161	interval		1.15	1.04	0.99	0.96	0.97	0.97	0.98	0.99	1.00		# of strides	4.27	2.92	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)																	
Semi-Final 1 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	17-Aug-09	time	3.28	4.35	5.38		7.44		9.46		11.58	11.58	1 / 8				
reaction time	0.169	interval		1.07	1.03		2.06		2.02		2.12		# of strides	4.35	3.09		
wind	-0.1 m/s	velocity	6.10	9.35	9.71		9.71		9.90		9.43	8.64		6.90	9.71		
Quarter-Final 2 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	16-Aug-09	time	3.21	4.26	5.27		7.29		9.29		11.40	11.40	1 / 6				
reaction time	0.160	interval		1.05	1.01		2.02		2.00		2.11		# of strides	4.26	3.03		
wind	0.8 m/s	velocity	6.23	9.52	9.90		9.90		10.00		9.48	8.77		50.0	7.04	9.90	
Heat 5 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
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 Olympic 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 / 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 / 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				

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)													<i>Longines Timing (2022) - commonwealth games race analysis</i>				
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)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
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)													<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>				
date	17-Jun-12	time		4.65				7.99		10.23		12.54	12.54	1 / 5			
reaction time		interval						3.34		2.24		2.31		# of strides	4.65	3.34	
wind	0.6 m/s	velocity		6.45				8.98		8.93		8.66	7.97		6.45	8.98	
B FINAL - 2011 Windsprint (Sundsvall, SWE)													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>				
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)													<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	25-Jul-09	time		4.70				8.03		10.23		12.54	12.54	1 / 4			
reaction time		interval						3.33		2.20		2.31		# of strides	4.70	3.33	
wind	2.5 m/s	velocity		6.38				9.01		9.09		8.66	7.97		6.38	9.01	
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)													<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>				
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	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)													<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>				
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)													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
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)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
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)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
date	06-Sep-20	time	2.01	3.21	4.30	5.35	6.38	7.41	8.44	9.49	10.55	11.65	11.65	1 / 1			
reaction time		interval		1.20	1.09	1.05	1.03	1.03	1.03	1.05	1.06	1.10		# of strides	4.30	3.11	3.14
wind	1.4 m/s	velocity	4.98	8.33	9.17	9.52	9.71	9.71	9.71	9.52	9.43	9.09	8.58		6.98	9.65	9.55
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
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

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)														<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>				
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)																		
FINAL - 1988 Olympic Games (Seoul, KOR)																		
<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																		
date	25-Sep-88	time	2.04	3.17	4.20	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)																		
<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>																		
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, Simone (GBR) (1966)																		
FINAL - 1997 European Cup (Munich, GER)																		
<i>Jung (2003) - http://www.fgs.uni-halle.de</i>																		
date	21-Jun-97	time	2.03		4.35		7.40		9.45		11.55	11.55	11.55	1 / 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)																		
B FINAL - 2009 ISTAF (Berlin, GER)																		
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
date	14-Jun-09	time	3.28	4.35	5.39		7.44		9.55		11.69	11.69	11.69	1 / 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)																		
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)																		
<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																		
date	28-Jun-14	time	2.18	3.39	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)																		
<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																		
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)																		
<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																		
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)																		
C FINAL - 2012 Windsprint (Sundsvall, SWE)																		
<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>																		
date	17-Jun-12	time		4.61				7.86		10.05		12.33	12.33	1 / 2				
reaction time		interval						3.25		2.19		2.28		# of strides	4.61	3.25		
wind	0.6 m/s	velocity		6.51				9.23		9.13		8.77	8.11	6.51	9.23			
Jędrusińska, Dorota (POL) (1982)																		
C FINAL - 2009 ISATF (Berlin, GER)																		
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																		
date	14-Jun-09	time	3.30	4.38	5.42		7.49		9.62		11.80	11.80	11.80	1 / 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)																		
FINAL - 2024 Olympic Games (Paris, FRA)																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
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)																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
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)																		
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																		

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)														<i>Omega Timing (2024) - diamond league race analysis</i>				
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)														<i>Omega Timing (2023) - diamond league race analysis</i>				
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)														<i>Omega Timing (2022) - diamond league race analysis</i>				
date	06-Aug-22	time		3.16		5.20		7.16		9.14		11.18	11.18	3 / 7				
reaction time	0.146	interval				2.04		1.96		1.98		2.04		# of strides				
wind	0.5 m/s	velocity		6.33		9.80		10.20		10.10		9.80	8.94	52.0				
Jensen, Christine (DEN) (1991)																		
B FINAL - 2014 Windsprint (Sundsvall, SWE)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>				
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) (1992)																		
National B FINAL - 2023 Weltklasse (Zürich, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>				
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)														<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
date	17-Jun-12	time		4.70				8.01		10.21		12.48	12.48	1 / 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)																		
FINAL - 2012 Windsprint (Sundsvall, SWE)														<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>				
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)																		
FINAL - 2011 IAAF World Championships (Daegu, KOR)														<i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>				
date	29-Aug-11	time	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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
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)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>					
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>					
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>					
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)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Sep-07	time	3.19	4.20	5.18		7.12		9.09		11.10	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)													<i>USATF Women's Sprint Development (2004)</i>					
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)																		
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)													<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	2.10	4.30	6.29					10.28	11.38	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)																		
FINAL - 2013 Japanese National High School Championships (Oita, JPN)													<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>					
date	31-Jul-13	time	2.13	3.37	4.48	5.54	6.59	7.64	8.70	9.78	10.88	12.01	12.01	1 / 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	9.43	9.26	9.09	8.85	8.33		6.70	9.49	9.26		
Jingqi, Viwe (RSA) (2005)																		
FINAL - 2024 FBK Games (Hengelo, NED)													<i>Omega Timing (2024) - continental tour gold race analysis</i>					
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)																		
Heat A - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>					
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	1.01	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)																		
C FINAL - 2010 Windsprint (Sundsvall, SWE)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time	4.72				8.12		10.40		12.76	12.76	12.76	1 / 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)																		
B FINAL - 2014 Windsprint (Sundsvall, SWE)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
date	20-Jul-14	time	4.56				7.77		9.92		12.13	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)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
date	28-Jul-13	time	4.55				7.72		9.83		11.96	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)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time	4.74				8.12		10.37		12.71	12.71	12.71	1 / 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](https://www.diamondleague.com/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/SprintHack/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 (Sacramento, 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 / 1
 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](https://www.researchgate.net/publication/274515876)

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](https://www.researchgate.net/publication/274515876)

Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.06	3.14	4.18	5.17	6.12	7.09	8.06	9.06	10.08	11.16	11.16	7 / 5			
reaction time		interval		1.08	1.04	0.99	0.95	0.97	0.97	1.00	1.02	1.08		# of strides	4.18	2.91	2.99
wind	3.4 m/s	velocity	4.85	9.26	9.62	10.10	10.53	10.31	10.31	10.00	9.80	9.26	8.96		7.18	10.31	10.03
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.04	3.12	4.16	5.14	6.11	7.12	8.11	9.12	10.19	11.21	11.21	3 / 4			
reaction time		interval		1.08	1.04	0.98	0.97	1.01	0.99	1.01	1.07	1.02		# of strides	4.16	2.96	3.07
wind	3.5 m/s	velocity	4.90	9.26	9.62	10.20	10.31	9.90	10.10	9.90	9.35	9.80	8.92		7.21	10.14	9.77
Kadlecová, Adéla (CZE) (1996)																	
FINAL - 2014 Czech Republic National U20 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>				
date	28-Jun-14	time	2.27	3.49	4.69	5.83	6.96	8.11	9.25	10.40	11.58	12.87	12.87	3 / 8			
reaction time	0.162	interval		1.22	1.20	1.14	1.13	1.15	1.14	1.15	1.18	1.29		# of strides	4.69	3.42	3.47
wind	-4.5 m/s	velocity	4.41	8.20	8.33	8.77	8.85	8.70	8.77	8.70	8.47	7.75	7.77		6.40	8.77	8.65
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>				
date	28-Jun-14	time		3.53		5.81		7.97		10.14		12.41	12.41	5 / 2			
reaction time	0.206	interval				2.28		2.16		2.17		2.27		# of strides			
wind	-0.1 m/s	velocity		5.67		8.77		9.26		9.22		8.81	8.06				
Kageyama, Megumi (JPN) (1990)																	
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)													<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>				
date	30-Jul-08	time	2.18	3.35	4.43	5.49	6.53	7.58	8.63	9.69	10.77	11.87	11.87	1 / 1			
reaction time		interval		1.17	1.08	1.06	1.04	1.05	1.05	1.06	1.08	1.10	PB	# of strides	4.43	3.15	3.19
wind	0.4 m/s	velocity	9.17	8.55	9.26	9.43	9.62	9.52	9.52	9.43	9.26	9.09	8.42		6.77	9.52	9.40
Kageyama, Sakiho (JPN) (2002)																	
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
date	24-Oct-20	time	2.05	3.23	4.32	5.37	6.42	7.48	8.54	9.63	10.75	11.90	11.90	3 / 2			
reaction time	0.148	interval		1.18	1.09	1.05	1.05	1.06	1.06	1.09	1.12	1.15		# of strides	4.32	3.16	3.27
wind	-0.5 m/s	velocity	4.88	8.47	9.17	9.52	9.52	9.43	9.43	9.17	8.93	8.70	8.40		56.3	6.94	9.49
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
date	23-Aug-20	time	2.05	3.24	4.34	5.42	6.49	7.56	8.64	9.74	10.86	11.99	11.99	3 / 6			
reaction time	0.150	interval		1.19	1.10	1.08	1.07	1.07	1.08	1.10	1.12	1.13		# of strides	4.34	3.22	3.30
wind	-0.9 m/s	velocity	4.88	8.40	9.09	9.26	9.35	9.35	9.26	9.09	8.93	8.85	8.34		6.91	9.32	9.09
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>				
date	05-Aug-19	time	2.02	3.19	4.26	5.31	6.34	7.38	8.43	9.50	10.58	11.69	11.69	6 / 4			
reaction time		interval		1.17	1.07	1.05	1.03	1.04	1.05	1.07	1.08	1.11	PB	# of strides	4.26	3.12	3.20
wind	-0.1 m/s	velocity	4.95	8.55	9.35	9.52	9.71	9.62	9.52	9.35	9.26	9.01	8.55		52.2	7.04	9.62
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)													<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>				
date	03-Aug-18	time	2.03	3.21	4.29	5.34	6.39	7.44	8.50	9.57	10.66	11.77	11.77	1 / 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)																	
FINAL - 2021 Shimane High School Championships (Izumo, JPN)													<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>				
date	29-May-21	time			4.58		7.87			11.23	12.42	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
FINAL - 2019 Shimane High School Championships (Izumo, JPN)													<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>				
date	25-May-19	time			4.83		8.37			12.03	13.30	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
Kambundji, Mujinga (SUI) (1992)																	
FINAL - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	05-Sep-24	time	2.07	3.21	4.24	5.22	6.19	7.16	8.14	9.13	10.12	11.14	11.14	3 / 8			
reaction time	0.139	interval		1.14	1.03	0.98	0.97	0.97	0.98	0.99	0.99	1.02		# of strides	4.24	2.92	2.96
wind	0.1 m/s	velocity	4.83	8.77	9.71	10.20	10.31	10.31	10.20	10.10	10.10	9.80	8.98		51.5	7.08	10.27
FINAL - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
date	22-Aug-24	time	2.03	3.15	4.17	5.15	6.11	7.08	8.05	9.03	10.04	11.06	11.06	5 / 3			
reaction time	0.127	interval		1.12	1.02	0.98	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.17	2.91	2.96
wind	-0.4 m/s	velocity	4.93	8.93	9.80	10.20	10.42	10.31	10.31	10.20	9.90	9.80	9.04		51.7	7.19	10.31

FINAL - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
date	03-Aug-24	time	1.99	3.13	4.14	5.11	6.07	7.01	7.99	8.97	9.95	10.99	10.99	2 / 6			
reaction time	0.136	interval		1.14	1.01	0.97	0.96	0.94	0.98	0.98	0.98	1.04		# of strides	4.14	2.87	2.94
wind	-0.1 m/s	velocity	5.03	8.77	9.90	10.31	10.42	10.64	10.20	10.20	10.20	9.62	9.10	52.0	7.25	10.45	10.20
Semi-Final 1 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
date	03-Aug-24	time	2.02	3.15	4.17	5.15	6.10	7.07	8.04	9.03	10.03	11.05	11.05	8 / 3			
reaction time	0.131	interval		1.13	1.02	0.98	0.95	0.97	0.97	0.99	1.00	1.02		# of strides	4.17	2.90	2.96
wind	0.1 m/s	velocity	4.95	8.85	9.80	10.20	10.53	10.31	10.31	10.10	10.00	9.80	9.05	52.0	7.19	10.34	10.14
Heat 7 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
date	02-Aug-24	time	2.04	3.17	4.18	5.15	6.11	7.07	8.04	9.02	10.03	11.05	11.05	4 / 2			
reaction time	0.136	interval		1.13	1.01	0.97	0.96	0.96	0.97	0.98	1.01	1.02		# of strides	4.18	2.89	2.96
wind	-0.2 m/s	velocity	4.90	8.85	9.90	10.31	10.42	10.42	10.31	10.20	9.90	9.80	9.05	51.5	7.18	10.38	10.14
FINAL - 2024 Meeting de Paris (Paris, FRA)														<i>Omega Timing (2024) - diamond league race analysis</i>			
date	07-Jul-24	time	2.01	3.16	4.18	5.17	6.14	7.12	8.10	9.09	10.12	11.22	11.22	7 / 4			
reaction time	0.155	interval		1.15	1.02	0.99	0.97	0.98	0.98	0.99	1.03	1.10		# of strides	4.18	2.94	3.00
wind	-2.0 m/s	velocity	4.98	8.70	9.80	10.10	10.31	10.20	10.20	10.10	9.71	9.09	8.91	52.0	7.18	10.20	10.00
FINAL - 2023 Weltklasse (Zürich, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	31-Aug-23	time	2.03	3.15	4.17	5.15	6.12	7.08	8.06	9.04	10.05	11.08	11.08	6 / 4			
reaction time	0.134	interval		1.12	1.02	0.98	0.97	0.96	0.98	0.98	1.01	1.03		# of strides	4.17	2.91	2.97
wind	-0.2 m/s	velocity	4.93	8.93	9.80	10.20	10.31	10.42	10.20	10.20	9.90	9.71	9.03	52.0	7.19	10.31	10.10
FINAL - 2023 Athletissima (Lausanne, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>			
date	30-Jun-23	time	2.03	3.17	4.21	5.21	6.21	7.21	8.23	9.25	10.30	11.41	11.41	6 / 8			
reaction time	0.136	interval		1.14	1.04	1.00	1.00	1.00	1.02	1.02	1.05	1.11		# of strides	4.21	3.00	3.09
wind	-0.8 m/s	velocity	4.93	8.77	9.62	10.00	10.00	10.00	9.80	9.80	9.52	9.01	8.76	52.7	7.13	10.00	9.71
FINAL - 2022 Athletissima (Lausanne, SUI)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	26-Aug-22	time		3.14		5.18		7.13		9.09		11.15	11.15	6 / 6			
reaction time	0.126	interval				2.04		1.95		1.96		2.06		# of strides			
wind	0.0 m/s	velocity		6.37		9.80		10.26		10.20		9.71	8.97	52.2			
FINAL - 2022 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2022) - diamond league race analysis</i>			
date	28-May-22	time		3.15		5.17		7.11		9.07		11.11	11.11	7 / 7			
reaction time	0.138	interval				2.02		1.94		1.96		2.04		# of strides			
wind	0.7 m/s	velocity		6.35		9.90		10.31		10.20		9.80	9.00	52.0			
FINAL - 2021 Weltklasse (Zürich, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	09-Sep-21	time		3.2		5.1		7.0		9.0		10.94	10.94	5 / 5			
reaction time	0.126	interval				1.90		1.90		2.00		1.94	PB	# of strides			
wind	0.6 m/s	velocity		6.25		10.53		10.53		10.00		10.31	9.14	52.5			
FINAL - 2021 Athletissima (Lausanne, SUI)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	26-Aug-21	time		3.2		5.2		7.1		9.1		11.01	11.01	7 / 7			
reaction time	0.127	interval				2.00		1.90		2.00		1.91		# of strides			
wind	1.7 m/s	velocity		6.25		10.00		10.53		10.00		10.47	9.08	51.7			
FINAL - 2021 Prefontaine Classic (Eugene, OR)														<i>Omega Timing (2021) - diamond league race analysis</i>			
date	21-Aug-21	time		3.2		5.2		7.1		9.0		10.96	10.96	8 / 7			
reaction time	0.143	interval				2.00		1.90		1.90		1.96		# of strides			
wind	0.9 m/s	velocity		6.25		10.00		10.53		10.53		10.20	9.12	51.0			
FINAL - 2020 Olympic Games (Tokyo, JPN)														<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>			
date	31-Jul-21	time			4.12			7.01		8.96		10.99	10.99	9 / 6			
reaction time	0.138	interval						2.89		3.98		2.03		# of strides	4.12	2.89	
wind	-0.6 m/s	velocity			7.28			10.38		5.03		9.85	9.10	52.7	7.28	10.38	
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	27-Feb-16	time			4.24			7.21				7.21		/ 1			
reaction time		interval						2.97						# of strides	4.24	2.97	
		velocity			7.08			10.10				8.32		32.0	7.08	10.10	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	27-Feb-16	time			4.28			7.32				7.32		/ 1			
reaction time		interval						3.04						# of strides	4.28	3.04	
		velocity			7.01			9.87				8.20		7.01	9.87		

Kambundji, Muswama (SUI) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m

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

Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)													Swiss Athletics (2016) - sprint and hurdle analysis									
date	27-Feb-16	time																				
reaction time		interval														# of strides	4.47	3.21				
		velocity														6.71	9.35					
			6.71												7.81							
Kanai, Marumi (JPN) (1997)																						
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									
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)																						
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								
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					
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									
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)																						
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							
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					
Karastamáti, María (GRE) (1984)																						
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								
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					
Kasprzyk, Ewa (POL) (1957)																						
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									
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)																						
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								
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					
Kato, Ryuna (JPN)																						
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							
reaction time		interval					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					
Kato, Shiori (JPN) (2001)																						
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)													Kobayashi (2020) - national high school and U20 national championships									
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									
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)																						
A FINAL - 2013 Windsprint (Sundsvall, SWE)													(2013) - www.ssg.se/windsprint/Splittider/									
date	28-Jul-13	time			4.36		7.46						11.78	11.78								
reaction time		interval					3.10						2.23			# of strides	4.36	3.10				
wind	2.2 m/s	velocity			6.88		9.68						9.97	8.49			6.88					
Kawabata, Momoko (JPN) (1993)																						
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									
reaction time		interval		1.22		2.25	1.10	1.13	1.14	1.15	1.16	1.18				# of strides				3.37		
wind	-3.2 m/s	velocity	4.83	8.20		8.89	9.09	8.85	8.77	8.70	8.62	8.47	8.06								8.90	
Kawamura, Tomomi (JPN) (1997)																						

FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) <i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>																		
date	30-Jul-15	time	4.40	5.48	6.51	7.60	8.68	9.78	10.89	12.04	12.04		1 / 7					
reaction time		interval		1.08	1.03	1.09	1.08	1.10	1.11	1.15			# of strides	4.40	3.20	3.28		
wind	-1.2 m/s	velocity	6.82	9.26	9.71	9.17	9.26	9.09	9.01	8.70	8.31			6.82	9.38	9.15		
Kawarazaki, Kaori (JPN) (1987) 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) <i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>																		
date	28-Jun-09	time	2.11	3.27	4.33	5.37	6.41	7.45	8.50	9.57	10.65	11.76	11.76	3 / 3				
reaction time		interval		1.16	1.06	1.04	1.04	1.04	1.05	1.07	1.08	1.11		# of strides	4.33	3.12	3.20	
wind	1.0 m/s	velocity	4.74	8.62	9.43	9.62	9.62	9.52	9.35	9.26	9.01	8.50		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) <i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>																		
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		interval		1.06	1.04	1.08	1.08	1.10		2.27			# of strides	4.35	3.18			
wind	1.6 m/s	velocity	6.90	9.43	9.62	9.26	9.26	9.09		8.81	8.35			6.90	9.43			
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) <i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>																		
date	27-May-23	time	4.48				7.77			11.18	12.40	12.40	5 / 4					
reaction time		interval					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, Charlene (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) <i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																		
date	27-Feb-16	time	4.45				7.59					7.59	1 / 6					
reaction time		interval					3.14						# of strides	4.45	3.14			
		velocity	6.74				9.55					7.91		30.3	6.74	9.55		
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI) <i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																		
date	27-Feb-16	time	4.47				7.60					7.60	1 / 3					
reaction time		interval					3.13						# of strides	4.47	3.13			
		velocity	6.71				9.58					7.89		6.71	9.58			
Keller, Melanie (SUI) (1994) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																		
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI) <i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																		
date	27-Feb-16	time	4.66				7.93					7.93	1 / 8					
reaction time		interval					3.27						# of strides	4.66	3.27			
		velocity	6.44				9.17					7.57		6.44	9.17			
Kelly, Sabrina (USA) (1975) 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) <i>USATF Women's Sprint Development (1996)</i>																		
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) <i>Lyle - miscellaneous coaching notes</i>																		
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) <i>Paris 2024 Olympic Games - Results Book (2024)</i>																		
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) <i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>																		
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) <i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																		
date	23-Jun-01	time	3.28	4.33	5.34		7.35		9.40		11.51	11.51	1 / 3					
reaction time	0.143	interval		1.05	1.01		2.01		2.05		2.11		# of strides	4.33	3.02			
wind	-0.2 m/s	velocity	6.10	9.52	9.90		9.95		9.76		9.48	8.69		6.93	9.93			
Kharchilava, Lika (GEO) (2000) 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) <i>Paris 2024 Olympic Games - Results Book (2024)</i>																		

date	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	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	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)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	16-Aug-09	time	3.15	4.20	5.22		7.27		9.31		11.43	11.43	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)																	
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
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)																	
<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																	
date	07-Jun-13	time	2.08	3.26	4.34	5.39	6.43	7.46	8.51	9.57	10.66	11.77	11.77	9 / 3			
reaction time		interval		1.18	1.08	1.05	1.04	1.03	1.05	1.06	1.09	1.11		# of strides	4.34	3.12	3.20
wind	1.9 m/s	velocity	4.81	8.47	9.26	9.52	9.62	9.71	9.52	9.43	9.17	9.01	8.50	51.5	6.91	9.62	9.38
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)																	
<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																	
date	04-Aug-11	time				6.50	7.55	8.63	9.73	10.86	12.02	12.02	6 / 2				
reaction time		interval					1.05	1.08	1.10	1.13	1.16		# of strides				3.31
wind	-1.0 m/s	velocity				7.69	9.52	9.26	9.09	8.85	8.62	8.32					9.06
FINAL - 2009 Japanese National High School Championships (Nara, JPN)																	
<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>																	
date	30-Jul-09	time	4.30	5.36	6.40	7.43	8.53	9.60			11.83	11.83	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)																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time	3.18	4.24	5.26		7.27		9.33		11.49	11.49	1 / 7				
reaction time	0.116	interval		1.06	1.02		2.01		2.06		2.16		# of strides	4.24	3.03		
wind	0.0 m/s	velocity	6.29	9.43	9.80		9.95		9.71		9.26	8.70		7.08	9.90		
Heat 1 - 2002 European Championships (Munich, GER)																	
<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time	3.18	4.23	5.24		7.25		9.30		11.45	11.45	1 / 3				
reaction time	0.113	interval		1.05	1.01		2.01		2.05		2.15		# of strides	4.23	3.02		
wind	0.1 m/s	velocity	6.29	9.52	9.90		9.95		9.76		9.30	8.73		7.09	9.93		
FINAL - 2001 European Cup (Bremen, GER)																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
date	23-Jun-01	time	3.19	4.23	5.23		7.20		9.18		11.23	11.23	1 / 1				
reaction time	0.133	interval		1.04	1.00		1.97		1.98		2.05		# of strides	4.23	2.97		
wind	2.8 m/s	velocity	6.27	9.62	10.00		10.15		10.10		9.76	8.90		7.09	10.10		
Kitakaze, Saori (JPN) (1985) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m																	
FINAL - 2015 Seiko Golden Grand Prix (Kawasaki, JPN)																	
<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>																	
date	10-May-15	time	2.04	3.20	4.28	5.33	6.36	7.40	8.45	9.52	10.62	11.73	11.73	8 / 7			
reaction time		interval		1.16	1.08	1.05	1.03	1.04	1.05	1.07	1.10	1.11		# of strides	4.28	3.12	3.22
wind	1.2 m/s	velocity	4.90	8.62	9.26	9.52	9.71	9.62	9.52	9.35	9.09	9.01	8.53	58.2	7.01	9.62	9.32
FINAL - 2014 Seiko Golden Grand Prix (Tokyo, JPN)																	
<i>Matsuo (2014) - research on athlete performance and technique- 2014 data book</i>																	
date	11-May-14	time	2.03	3.20	4.28	5.33	6.38	7.45	8.53	9.63	10.76	11.94	11.94	1 / 8			
reaction time		interval		1.17	1.08	1.05	1.05	1.07	1.08	1.10	1.13	1.18		# of strides	4.28	3.17	3.31
wind	-0.8 m/s	velocity	4.93	8.55	9.26	9.52	9.52	9.35	9.26	9.09	8.85	8.47	8.38	57.7	7.01	9.46	9.06
Heat 3 - 2012 Mikio Oda Memorial (Hiroshima, JPN)																	
<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																	
date	29-Apr-12	time	2.02	3.17	4.22	5.24	6.25	7.28	8.33	9.40	10.48	11.61	11.61	4 / 3			
reaction time		interval		1.15	1.05	1.02	1.01	1.03	1.05	1.07	1.08	1.13		# of strides	4.22	3.06	3.20
wind	1.6 m/s	velocity	4.95	8.70	9.52	9.80	9.90	9.71	9.52	9.35	9.26	8.85	8.61	58.5	7.11	9.80	9.38
FINAL - 2011 Miko Oda Memorial (Hiroshima, JPN)																	
<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>																	
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)																	
<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>																	
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			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Köklöni, Yeoryía (GRE) (1981)																		
Semi-Final 1 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	07-Aug-02	time	3.17	4.22	5.23		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)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
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)																		
FINAL - 2010 German National Junior Championships (Ulm, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>						
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)																		
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												<i>Kishima (2022) - national high school championships biomechanics data collection</i>						
date	04-Aug-22	time	2.09	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	1.09	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)																		
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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)												<i>Omega Timing (2024) - continental tour gold race analysis</i>						
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	1.03	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)												<i>Omega Timing (2024) - diamond league race analysis</i>						
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)												<i>Omega Timing (2023) - continental tour race analysis</i>						
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	1.02	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)																		
Semi-Final 1 - 1988 Olympic Games (Seoul, KOR)												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>						
date	25-Sep-88	time	2.05	3.16	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)												<i>Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016</i>						
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)																		
FINAL - 2024 Chinese National Championships (Quzhou, CHN)												<i>Shandong Athletics Sport Science (2024)</i>						
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)												<i>Shandong Athletics Sport Science (2024)</i>						
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)												<i>Shandong Athletics Sport Science (2023)</i>						
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)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	22-Aug-24	time	2.06	3.22	4.28	5.29	6.28	7.28	8.28	9.30	10.33	11.41	11.41	5 / 4			
reaction time	0.168	interval		1.16	1.06	1.01	0.99	1.00	1.00	1.02	1.03	1.08		# of strides	4.28	3.00	3.05
wind	-0.1 m/s	velocity	4.85	8.62	9.43	9.90	10.10	10.00	10.00	9.80	9.71	9.26	8.76		7.01	10.00	9.84
Heat 6 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.04	3.20	4.23	5.24	6.23	7.23	8.23	9.25	10.29	11.35	11.35	1 / 4			
reaction time	0.144	interval		1.16	1.03	1.01	0.99	1.00	1.00	1.02	1.04	1.06		# of strides	4.23	3.00	3.06
wind	-0.4 m/s	velocity	4.90	8.62	9.71	9.90	10.10	10.00	10.00	9.80	9.62	9.43	8.81	51.2	7.09	10.00	9.80
National FINAL - 2023 Weltklasse (Zürich, SUI)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	31-Aug-23	time	2.09	3.25	4.30	5.32	6.32	7.31	8.31	9.33	10.36	11.42	11.42	4 / 5			
reaction time	0.153	interval		1.16	1.05	1.02	1.00	0.99	1.00	1.02	1.03	1.06		# of strides	4.30	3.01	3.05
wind	-0.1 m/s	velocity	4.78	8.62	9.52	9.80	10.00	10.10	10.00	9.80	9.71	9.43	8.76		6.98	9.97	9.84
B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.2		5.3		7.3		9.3		11.46	11.46	3 / 3			
reaction time	0.136	interval				2.10		2.00		2.00		2.16		# of strides			
wind	-0.3 m/s	velocity		6.25		9.52		10.00		10.00		9.26	8.73				
FINAL - 2022 FBK Games (Hengelo, NED)												<i>Omega Timing (2022) - continental tour race analysis</i>					
date	06-Jun-22	time		3.2		5.3		7.3		9.4		11.53	11.53	2 / 7			
reaction time	0.126	interval				2.10		2.00		2.10		2.13		# of strides			
wind	0.8 m/s	velocity		6.25		9.52		10.00		9.52		9.39	8.67	52.0			
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	26-Aug-21	time		3.3		5.3		7.2		9.1		11.12	11.12	5 / 2			
reaction time	0.155	interval				2.00		1.90		1.90		2.02		# of strides			
wind	2.7 m/s	velocity		6.06		10.00		10.53		10.53		9.90	8.99				
National FINAL - 2021 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	04-Jul-21	time		3.2		5.3		7.3		9.3		11.31	11.31	6 / 2			
reaction time	0.137	interval				2.10		2.00		2.00		2.01		# of strides			
wind	-1.3 m/s	velocity		6.25		9.52		10.00		10.00		9.95	8.84	51.2			
FINAL - 2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	21-May-16	time				6.49						11.76	11.76	1 / 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)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	07-May-16	time				6.34						11.49	11.49	1 / 1			
reaction time		interval										5.15	PB	# of strides			
wind	0.4 m/s	velocity				7.89						9.71	8.70				
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	27-Feb-16	time			4.38			7.39				7.39	7.39	1 / 2			
reaction time		interval						3.01				PB		# of strides	4.38	3.01	
		velocity				6.85		9.97				8.12		32.9	6.85	9.97	
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)												<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>					
date	27-Feb-16	time			4.42			7.47				7.47	7.47	1 / 1			
reaction time		interval						3.05						# of strides	4.42	3.05	
		velocity				6.79		9.84				8.03		6.79	9.84		
Kouni, Natacha (SUI) (2001)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
B FINAL - Heat 1 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>					
date	26-Aug-22	time		3.2		5.3		7.4		9.5		11.81	11.81	5 / 6			
reaction time	0.153	interval				2.10		2.10		2.10		2.31		# of strides			
wind	-0.3 m/s	velocity		6.25		9.52		9.52		9.52		8.66	8.47				
B FINAL - Heat 2 - 2021 Athletissima (Lausanne, SUI)												<i>Omega Timing (2021) - diamond league race analysis</i>					
date	26-Aug-21	time		3.3		5.4		7.5		9.6		11.71	11.71	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	9.52	9.48	8.54							
Krabbe, Katrin (GER) (1969)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
FINAL - 1991 IAAF World Championships (Tokyo, JPN)											<i>Butler (2013) - IAAF world championships statistics handbook- moscow 2013</i>						
date	27-Aug-91	time			6.07					10.99	10.99	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)											<i>Federle (2003) - http://www.fgs.uni-halle.de</i>						
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)											<i>Omega Timing (2020) - diamond league race analysis</i>						
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)											<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>						
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)											<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>						
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)											<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>						
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)											<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>						
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)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
date	06-Oct-18	time	2.08	3.33	4.47	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)											<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>						
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)											<i>Omega Timing (2023) - diamond league race analysis</i>						
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)											<i>Shibayama (2021) - national high school and U20 national championships</i>						
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)											<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>						
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Kurashige, Miu (JPN) (2004)																	
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)												<i>Kishima (2022) - national high school championships biomechanics data collection</i>					
date	04-Aug-22	time	2.01	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)																	
B FINAL - 2008 Mikio Oda Memorial (Hiroshima, JPN)												<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>					
date	29-Apr-08	time	2.10	3.30	4.39	5.44	6.49	7.54	8.61	9.70	10.81	11.94	11.94	/ 3			
reaction time		interval		1.20	1.09	1.05	1.05	1.05	1.07	1.09	1.11	1.13		# of strides	4.39	3.15	3.27
wind	1.5 m/s	velocity	4.76	8.33	9.17	9.52	9.52	9.52	9.35	9.17	9.01	8.85	8.38		6.83	9.52	9.17
Kwadwo, Yasmin (GER) (1990)																	
Heat 3 - 2010 Sparkassen-Gala (Regensburg, GER)												<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>					
date	05-Jun-10	time		3.17	4.21	5.21		7.22		9.29		11.41	11.41	/ 1			
reaction time		interval			1.04	1.00		2.01		2.07		2.12		# of strides	4.21	3.01	
wind	-0.7 m/s	velocity		6.31	9.62	10.00		9.95		9.66		9.43	8.76		7.13	9.97	
Lalova-Collio, Ivet (BUL) (1984)																	
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2020) - diamond league race analysis</i>					
date	23-Aug-20	time		3.3		5.4		7.4		9.4		11.49	11.49	2 / 7			
reaction time	0.148	interval				2.10		2.00		2.00		2.09		# of strides			
wind	1.3 m/s	velocity		6.06		9.52		10.00		10.00		9.57	8.70	51.0			
FINAL - 2017 Seiko Golden Grand Prix (Kawasaki, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
date	21-May-17	time	2.04	3.22	4.28	5.31	6.33	7.34	8.34	9.34	10.36	11.40	11.40	/ 1			
reaction time	0.171	interval		1.18	1.06	1.03	1.02	1.01	1.00	1.00	1.02	1.04		# of strides	4.28	3.06	3.02
wind	0.8 m/s	velocity	4.90	8.47	9.43	9.71	9.80	9.90	10.00	10.00	9.80	9.62	8.77	50.5	7.01	9.80	9.93
Lalova, Ivet (BUL) (1984)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	03-Mar-13	time		3.13		5.16		7.12				7.12	7.12	6 / 4			
reaction time	0.152	interval				2.03		1.96					PB	# of strides			
		velocity		6.39		9.85		10.20					8.43	32.0			
FINAL - 2011 IAAF World Championships (Daegu, KOR)												<i>KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011</i>					
date	29-Aug-11	time		3.14	4.22	5.23	6.24	7.21	8.19	9.16	10.18	11.27	11.27	1 / 7			
reaction time	0.156	interval			1.08	1.01	1.01	0.97	0.98	0.97	1.02	1.09		# of strides	4.22	2.99	2.96
wind	-1.4 m/s	velocity		6.37	9.26	9.90	9.90	10.31	10.20	10.31	9.80	9.17	8.87	50.0	7.11	10.03	10.14
Heat 2 - 2009 IAAF World Championships (Berlin, GER)												<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>					
date	16-Aug-09	time		3.23	4.29	5.32		7.36		9.38		11.48	11.48	3 / 3			
reaction time	0.141	interval			1.06	1.03		2.04		2.02		2.10		# of strides	4.29	3.07	
wind	-0.3 m/s	velocity		6.19	9.43	9.71		9.80		9.90		9.52	8.71		6.99	9.77	
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Sep-07	time		3.24	4.30	5.33		7.38		9.45		11.59	11.59	2 / 7			
reaction time	0.130	interval			1.06	1.03		2.05		2.07		2.14		# of strides	4.30	3.08	
wind	-0.6 m/s	velocity		6.17	9.43	9.71		9.76		9.66		9.35	8.63		6.98	9.74	
Lansiquot, Imani (GBR) (1997)																	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	03-Aug-24	time	2.04	3.21	4.25	5.25	6.24	7.20	8.18	9.16	10.20	11.21	11.21	3 / 5			
reaction time	0.158	interval		1.17	1.04	1.00	0.99	0.96	0.98	0.98	1.04	1.01		# of strides	4.25	2.95	3.00
wind	-0.1 m/s	velocity	4.90	8.55	9.62	10.00	10.10	10.42	10.20	10.20	9.62	9.90	8.92	47.5	7.06	10.17	10.00
Heat 4 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.08	3.22	4.25	5.24	6.22	7.18	8.14	9.12	10.10	11.10	11.10	1 / 3			
reaction time	0.164	interval		1.14	1.03	0.99	0.98	0.96	0.96	0.98	0.98	1.00		# of strides	4.25	2.93	2.92
wind	1.2 m/s	velocity	4.81	8.77	9.71	10.10	10.20	10.42	10.42	10.20	10.20	10.00	9.01	47.0	7.06	10.24	10.27
National FINAL - 2024 London Athletics Meet (London, GBR)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	20-Jul-24	time	2.03	3.19	4.24	5.23	6.19	7.15	8.12	9.10	10.10	11.12	11.12	4 / 1			
reaction time	0.156	interval		1.16	1.05	0.99	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.24	2.91	2.95
wind	1.1 m/s	velocity	4.93	8.62	9.52	10.10	10.42	10.42	10.31	10.20	10.00	9.80	8.99		7.08	10.31	10.17
FINAL - 2023 Prefontaine Classic (Eugene, OR)												<i>Omega Timing (2023) - diamond league race analysis</i>					
date	16-Sep-23	time	2.07	3.21	4.24	5.22	6.17	7.12	8.08	9.04	10.01	11.01	11.01	9 / 8			
reaction time	0.165	interval		1.14	1.03	0.98	0.95	0.95	0.96	0.96	0.97	1.00		# of strides	4.24	2.88	2.89
wind	0.8 m/s	velocity	4.83	8.77	9.71	10.20	10.53	10.53	10.42	10.42	10.31	10.00	9.08	47.0	7.08	10.42	10.38

FINAL - 2023 Athletissima (Lausanne, SUI)														<i>Omega Timing (2023) - diamond league race analysis</i>				
date	30-Jun-23	time	2.03	3.18	4.24	5.24	6.22	7.20	8.18	9.17	10.19	11.24	11.24	8 / 6				
reaction time	0.136	interval		1.15	1.06	1.00	0.98	0.98	0.98	0.99	1.02	1.05		# of strides	4.24	2.96	2.99	
wind	-0.8 m/s	velocity	4.93	8.70	9.43	10.00	10.20	10.20	10.20	10.10	9.80	9.52	8.90	48.0	7.08	10.14	10.03	
FINAL - 2023 Golden Gala Pietro Mennea (Firenze, ITA)														<i>Omega Timing (2023) - diamond league race analysis</i>				
date	02-Jun-23	time	2.00	3.15	4.19	5.18	6.16	7.13	8.11	9.10	10.11	11.16	11.16	1 / 3				
reaction time	0.150	interval		1.15	1.04	0.99	0.98	0.97	0.98	0.99	1.01	1.05		# of strides	4.19	2.94	2.98	
wind	-0.4 m/s	velocity	5.00	8.70	9.62	10.10	10.20	10.31	10.20	10.10	9.90	9.52	8.96	48.0	7.16	10.20	10.07	
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)														<i>Longines Timing (2022) - commonwealth games race analysis</i>				
date	03-Aug-22	time	3.1	5.2	7.1	9.1	11.18	11.18	5 / 3									
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)														<i>Omega Timing (2022) - continental tour race analysis</i>				
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)														<i>Omega Timing (2021) - diamond league race analysis</i>				
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)														<i>Omega Timing (2020) - diamond league race analysis</i>				
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)														<i>European Athletics (2019) - race analysis</i>				
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)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.14	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)														<i>USATF Women's Sprint Development (2005)</i>				
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)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
B FINAL - 2015 Windsprint (Sundsvall, SWE)														<i>(2015) - www.windsprint/Splittider/</i>				
date	26-Jul-15	time			4.53			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)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
C FINAL - 2009 Windsprint (Sundsvall, SWE)														<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>				
date	25-Jul-09	time			4.72			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)	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)														<i>Winckler (2008) - running parameters</i>				
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)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)														<i>Omega Timing (2023) - diamond league race analysis</i>				
date	08-Sep-23	time	2.21	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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Latvala, Hanna-Maari (FIN) (1987)																	
A FINAL - 2015 Windsprint (Sundsvall, SWE)													<i>(2015) - www.windsprint/Splittider/</i>				
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)													<i>Veney - Sydney 100m women's splits</i>				
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)													<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>				
date	01-Sep-00	time	3.11	4.14	5.14		7.11				11.07	11.07	1 / 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)													<i>Winckler (2008) - running parameters</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	26-Aug-22	time		3.2		5.3		7.4		9.4		11.58	11.58	2 / 5			
reaction time	0.156	interval				2.10		2.10		2.00		2.18		# of strides			
wind	-0.3 m/s	velocity		6.25		9.52		9.52		10.00		9.17	8.64				
Ledermann, Anouk (SUI) (2004)																	
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)																	
Semi-Final 3 - 2024 Olympic Games (Paris, FRA)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>				
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)																	
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>				
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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>				
date	17-Aug-09	time	3.21	4.24	5.24		7.21		9.16		11.18	11.18	8 / 5				
reaction time	0.179	interval		1.03	1.00		1.97		1.95		2.02		# of strides	4.24	2.97		
wind	-0.1 m/s	velocity	6.23	9.71	10.00		10.15		10.26		9.90	8.94		7.08	10.10		

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

date	16-Aug-09	time	3.18	4.20	5.19	7.14	9.08	11.13	11.13	3 / 3
reaction time	0.190	interval		1.02	0.99	1.95	1.94	2.05		# of strides 4.20 2.94
wind	0.1 m/s	velocity	6.29	9.80	10.10	10.26	10.31	9.76	8.98	47.0 7.14 10.20

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

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

date	16-Aug-09	time	3.23	4.29	5.31	7.37	9.38	11.44	11.44	5 / 2
reaction time	0.194	interval		1.06	1.02	2.06	2.01	2.06		# of strides 4.29 3.08
wind	-0.5 m/s	velocity	6.19	9.43	9.80	9.71	9.95	9.71	8.74	6.99 9.74

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

FINAL - 2008 USA Olympic Trials (Eugene, OR)

date	28-Jun-08	time	2.07	3.15	4.14	5.15	6.07	6.98	7.94	8.89	9.84	10.85	10.85	3 / 1
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

USATF Women's Sprint Development with HPC (2008)

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

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

USATF Women's Sprint Development with HPC (2008)

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

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

USATF Women's Sprint Development with HPC (2008)

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

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

USATF Women's Sprint Development with HPC (2008)

FINAL - 2006 USATF National Championships (Indianapolis, IN)

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

USATF Women's Sprint Development (2006)

FINAL - 2005 USATF National Championships (Carson, CA)

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

USATF Women's Sprint Development (2005)

Semi-Final 1 - 2005 USATF National Championships (Carson, CA)

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

USATF Women's Sprint Development (2005)

Heat 3 - 2005 USATF National Championships (Carson, CA)

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

USATF Women's Sprint Development (2005)

FINAL - 2004 USA Olympic Trials (Sacramento, CA)

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

USATF Women's Sprint Development (2004)

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

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

USATF Women's Sprint Development (2004)

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

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

USATF Women's Sprint Development (2004)

Lepešková, Klára (CZE) (1993)**Heat 3 - 2012 Czech Republic National Indoor Championships (Praha, CZE)**

date	25-Feb-12	time	2.21	3.42	4.64	5.67	6.85	7.99				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

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Levorato, Manuela (ITA) (1977)																	
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			11.23	/ 3				
reaction time	0.153	interval		1.03	1.00	1.96	2.00	2.01	2.01			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			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			11.26	/ 2				
reaction time	0.144	interval		1.03	1.00	1.98	2.01	2.05	2.05			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			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			11.46	/ 1				
reaction time	0.150	interval		1.05	1.01	2.00	2.04	2.15	2.15			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			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			11.47	/ 6				
reaction time	0.205	interval		1.05	1.01	1.98	1.99	2.03	2.03			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			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	11.74			11.74	/ 6				
reaction time		interval		2.25	3.09	2.08	2.12	2.12	2.12			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	8.52			8.52	6.74	9.71			
Lewis, Mechelle (USA) (1980)																	
FINAL - 2008 USA Olympic Trials (Eugene, OR)		USATF Women's Sprint Development with HPC (2008)															
date	28-Jun-08	time	2.04	3.13	4.15	5.15	6.08	7.05	8.03	9.01	10.03	11.08	11.08	6 / 7			
reaction time		interval		1.09	1.02	1.00	0.93	0.97	0.98	0.98	1.02	1.05		# of strides	4.15	2.90	2.98
wind	1.0 m/s	velocity	4.90	9.17	9.80	10.00	10.75	10.31	10.20	10.20	9.80	9.52	9.03	50.2	7.23	10.34	10.07
Semi-Final 2 - 2008 USA Olympic Trials (Eugene, OR)		USATF Women's Sprint Development with HPC (2008)															
date	28-Jun-08	time	2.01	3.12	4.09	5.07	6.02	6.99	7.98	8.93	9.96	10.97	10.97	6 / 2			
reaction time		interval		1.11	0.97	0.98	0.95	0.97	0.99	0.95	1.03	1.01	PB	# of strides	4.09	2.90	2.97
wind	1.8 m/s	velocity	4.98	9.01	10.31	10.20	10.53	10.31	10.10	10.53	9.71	9.90	9.12	49.2	7.33	10.34	10.10
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)		USATF Women's Sprint Development with HPC (2008)															
date	27-Jun-08	time	2.20	3.12	4.14	5.11	6.04	6.99	7.94	8.94	9.89	10.95	10.95	3 / 3			
reaction time		interval		0.92	1.02	0.97	0.93	0.95	0.95	1.00	0.95	1.06		# of strides	4.14	2.85	2.90
wind	3.4 m/s	velocity	4.55	10.87	9.80	10.31	10.75	10.53	10.53	10.00	10.53	9.43	9.13	7.25	10.53	10.34	
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)		USATF Women's Sprint Development with HPC (2008)															
date	27-Jun-08	time	2.05	3.15	4.17	5.15	6.12	7.10	8.10	9.08	10.12	11.13	11.13	2 / 3			
reaction time		interval		1.10	1.02	0.98	0.97	0.98	1.00	0.98	1.04	1.01	=PB	# of strides	4.17	2.93	3.02
wind	1.8 m/s	velocity	4.88	9.09	9.80	10.20	10.31	10.20	10.00	10.20	9.62	9.90	8.98	7.19	10.24	9.93	
Lewis, Torrie (AUS) (2005)																	
National FINAL - 2023 Weltklasse (Zürich, SUI)		Omega Timing (2023) - diamond league race analysis															
date	31-Aug-23	time	2.07	3.24	4.31	5.33	6.35	7.36	8.38	9.41	10.47	11.56	11.56	8 / 9			
reaction time	0.138	interval		1.17	1.07	1.02	1.02	1.01	1.02	1.03	1.06	1.09		# of strides	4.31	3.05	3.11
wind	-0.1 m/s	velocity	4.83	8.55	9.35	9.80	9.80	9.90	9.80	9.71	9.43	9.17	8.65	6.96	9.84	9.65	
Li He (CHN) (2001)																	
FINAL - 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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>														
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)														<i>Shandong Athletics Sport Science (2022)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Omega Timing (2023) - diamond league race analysis</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Jiang (2017) CAA sport science report</i>														
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	1 / 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)														<i>Jiang (2017) CAA sport science report</i>			
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	0.141	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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Omega Timing (2023) - diamond league race analysis</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Lin Yuxuan (CHN)																	
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)													<i>Shandong Athletics Sport Science (2022)</i>				
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)																	
Heat B - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>				
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)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)													<i>Omega Timing (2022) - diamond league race analysis</i>				
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)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	26-Aug-21	time		3.3		5.4		7.4		9.4		11.53	11.53	1 / 7			
reaction time	0.162	interval				2.10		2.00		2.00		2.13		# of strides			
wind	2.7 m/s	velocity		6.06		9.52		10.00		10.00		9.39	8.67				
Lisenco, Evelina (ROU) (1975)																	
FINAL - 2001 European Cup (Bremen, GER)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
date	23-Jun-01	time		3.38		4.46		5.50		7.56		9.65		11.83		11.83	
reaction time	0.218	interval				1.08		1.04		2.06		2.09		2.18		2.18	
wind	2.8 m/s	velocity		5.92		9.26		9.62		9.71		9.57	9.17	8.45		8.45	
Liu Chenxi (CHN) (2006)																	
Heat 2 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)													<i>Shandong Athletics Sport Science (2023)</i>				
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					7.38	# of strides	4.72	3.41	
		velocity	4.48	7.58	8.55	8.93	8.77	8.70						35.2	6.36	8.80	
Heat 6 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)													<i>Shandong Athletics Sport Science (2023)</i>				
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					7.26	# of strides	4.81	3.45	
		velocity	4.31	7.81	8.26	9.01	8.55	8.55						35.2	6.24	8.70	
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)													<i>Shandong Athletics Sport Science (2022)</i>				
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)																	
National FINAL - 2023 Xiamen Diamond League (Xiamen, CHN)													<i>Omega Timing (2023) - diamond league race analysis</i>				
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)													<i>Shandong Athletics Sport Science (2023)</i>				
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)													<i>Shandong Athletics Sport Science (2023)</i>				
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)													<i>Shandong Athletics Sport Science (2023)</i>				
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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Liu Le (CHN) (2001)																	
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)																	
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)																	
FINAL - 2024 Chinese National Championships (Quzhou, CHN)																	
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)																	
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)																	
Heat 7 - 2023 Chinese Indoor Grand Prix II (Chengdu, CHN)																	
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)																	
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)																	
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)																	
Semi-Final 1 - 2022 Commonwealth Games (Birmingham, GBR)																	
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)																	
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)																	
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		
Lööv, Anna-Lena (SWE) (1965)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time			5.05			8.77				13.89	13.89	7 / 6			
reaction time		interval					3.72		2.10		2.19			# of strides	5.05	3.72	
wind	1.3 m/s	velocity			5.94		8.06		10.00		9.13	8.70		51.0			
Heat 2 - 2016 Windsprint (Sundsvall, SWE)																	
date	31-Jul-16	time			5.06			8.84				14.14	14.14	1 / 8			
reaction time		interval					3.78		2.10		2.19			# of strides	5.06	3.78	
wind	1.8 m/s	velocity			5.93		7.94		10.00		9.13	8.70		51.0			
Louami, Carima (FRA) (1979)																	
B FINAL - 2009 ISTAF (Berlin, GER)																	
date	14-Jun-09	time		3.27	4.33	5.35		7.38		9.46		11.56	11.56	/ 3			
reaction time	0.168	interval			1.06	1.02		2.03		2.08		2.10		# of strides	4.33	3.05	
wind	0.1 m/s	velocity		6.12	9.43	9.80		9.85		9.62		9.52	8.65	6.93	9.84		
Lowery, Santana (USA) (1987)																	
Heat 4 - 2008 USA Olympic Trials (Eugene, OR)																	
date	27-Jun-08	time	2.10	3.22	4.26	5.27	6.27	7.27	8.27	9.27	10.30	11.38	11.38	3 / 6			
reaction time		interval		1.12	1.04	1.01	1.00	1.00	1.00	1.00	1.03	1.08		# of strides	4.26	3.01	3.03
wind	1.4 m/s	velocity	4.76	8.93	9.62	9.90	10.00	10.00	10.00	10.00	9.71	9.26	8.79	7.04	9.97	9.90	
Lu Haoran (CHN)																	
U20 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)																	
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)																	

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
Omega Timing (2024) - diamond league race analysis

FINAL - 2024 Athletissima (Lausanne, SUI)	date	22-Aug-24	time	2.09	3.24	4.28	5.27	6.24	7.20	8.18	9.16	10.17	11.19	11.19	8 / 6			
	reaction time	0.196	interval		1.15	1.04	0.99	0.97	0.96	0.98	0.98	1.01	1.02		# of strides	4.28	2.92	2.97
	wind	-0.4 m/s	velocity	4.78	8.70	9.62	10.10	10.31	10.42	10.20	10.20	9.90	9.80	8.94	49.7	7.01	10.27	10.10

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

Paris 2024 Olympic Games - Results Book (2024)

date	03-Aug-24	time	2.07	3.22	4.24	5.23	6.20	7.15	8.11	9.09	10.08	11.09	11.09	8 / 4			
reaction time	0.200	interval		1.15	1.02	0.99	0.97	0.95	0.96	0.98	0.99	1.01		# of strides	4.24	2.91	2.93
wind	0.2 m/s	velocity	4.83	8.70	9.80	10.10	10.31	10.53	10.42	10.20	10.10	9.90	9.02	49.5	7.08	10.31	10.24

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	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	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	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
Omega Timing (2024) - diamond league race analysis

National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)	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) (1996)10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m
(2009) - www.ssg.se/en/Windsprint/Split-times/

C FINAL - 2009 Windsprint (Sundsvall, SWE)	date	25-Jul-09	time			4.67		8.05		10.33		12.70	12.70	1 / 2			
	reaction time		interval					3.38		2.28		2.37	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
Shandong Athletics Sport Science (2024)

FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)	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
Shandong Athletics Sport Science (2023)

Semi-Final 2 - 2023 Chinese National Grand Prix 5 (Huangshi, CHN)																	
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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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Shandong Athletics Sport Science (2023)</i>														
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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>														
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)														<i>Omega Timing (2021) - diamond league race analysis</i>														
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)														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
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)														<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>														
date	23-Jun-01	time		3.25	4.29	5.30		7.30		9.33		11.45	11.45	1 / 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)														<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>														
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)														<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>														
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)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
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)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
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)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
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)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
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)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>														
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	1 / 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	1.04	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)**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	49.5	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	49.5	7.09	9.90	9.74

Malchugina, Galina (URS) (1962)**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	49.5	7.06	10.24	10.10

Malone, Maicel (USA) (1969)**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	49.5	7.08	9.80	9.58

Maňasová, Karolína (CZE) (2003)**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)**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	50.5
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	50.5
wind	0.5 m/s	velocity				7.86					4.37	8.74		50.5	

Mani, Myriam Leon (CMR) (1977)**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	49.5	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	49.5	7.28	10.20

Marjamaa, Helinä (FIN) (1956)**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	49.0
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**

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)																	
FINAL - 2018 Japanese Corporate Championships (Osaka, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																	
date	23-Sep-18	time	2.03	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)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA) <i>USATF Women's Sprint Development (2005)</i>																	
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)																	
FINAL - 2006 USATF National Junior Championships (Indianapolis, IN) <i>USATF Women's Sprint Development (2006)</i>																	
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)																	
Semi-Final 2 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	07-Aug-02	time		3.21	4.26	5.28		7.29		9.35		11.52	11.52	1 / 7			
reaction time	0.136	interval			1.05	1.02		2.01		2.06		2.17		# of strides	4.26	3.03	
wind	0.3 m/s	velocity		6.23	9.52	9.80		9.95		9.71		9.22	8.68	7.04	9.90		
Heat 3 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	06-Aug-02	time		3.16	4.20	5.21		7.19		9.23		11.35	11.35	1 / 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)																	
FINAL - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																	
date	15-Jun-13	time	2.14	3.27	4.36	5.38	6.42	7.46	8.52	9.59	10.70	11.82	11.82	6 / 4			
reaction time	0.162	interval		1.13	1.09	1.02	1.04	1.04	1.06	1.07	1.11	1.12		# of strides	4.36	3.10	3.24
wind	-0.2 m/s	velocity	4.67	8.85	9.17	9.80	9.62	9.62	9.43	9.35	9.01	8.93	8.46	6.88	9.68	9.26	
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																	
date	15-Jun-13	time		3.28		5.40		7.46		9.60		11.79	11.79	6 / 2			
reaction time	0.176	interval				2.12		2.06		2.14		2.19		# of strides			
wind	-1.3 m/s	velocity		6.10		9.43		9.71		9.35		9.13	8.48				
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE) <i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																	
date	25-Feb-12	time	2.05	3.20	4.27	5.31	6.33	7.39				7.39	7.39	5 / 2			
reaction time	0.126	interval		1.15	1.07	1.04	1.02	1.06						# of strides	4.27	3.12	
		velocity	4.88	8.70	9.35	9.62	9.80	9.43				8.12		7.03	9.62		
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE) <i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																	
date	25-Feb-12	time	2.09	3.25	4.30	5.35	6.37	7.43				7.43	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) <i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																	
date	25-Feb-12	time	2.05	3.21	4.31	5.37	6.39	7.46				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) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	14-Jun-09	time		3.45	4.54	5.60		7.71		9.89		12.19	12.19	1 / 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)																	
C FINAL - 2009 ISTAF (Berlin, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																	
date	14-Jun-09	time		3.41	4.48	5.51		7.59		9.69		12.13	12.13	1 / 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)																	
100m																	

FINAL - 2008 USATF National Junior Championships (Columbus, OH)													<i>USATF Women's Sprint Development with HPC (2008)</i>							
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)													<i>(2008) - www.ssg.se/en/Windsprint/Split-times/</i>							
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)													<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>							
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	1 / 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)													<i>USATF Women's Sprint Development with HPC (2008)</i>							
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, Ingvid (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)													<i>(2017) - www.windsprint/Splittider/</i>							
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)													<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>							
date	17-Jun-12	time		4.50			7.70		9.88		12.16	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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>							
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)													<i>Omega Timing (2019) - diamond league race analysis</i>							
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) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m													Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)													<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>							
date	23-Aug-20	time	2.06	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	9.26	9.09	8.93	8.62	8.33			6.86	9.43	9.09			
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)													<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>							
date	05-Aug-19	time	2.03	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)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
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)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
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)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>							
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)												<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>						
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)												<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
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)												<i>USATF Women's Sprint Development (2004)</i>						
date	10-Jul-04	time	2.06	3.21	4.26	5.27	6.26	7.24	8.22	9.24	10.25	11.30	11.30	4 / 5				
reaction time		interval	1.15			1.05	1.01	0.99	0.98	0.98	1.02	1.01	1.05		# of strides	4.26	2.98	3.01
wind	-0.7 m/s	velocity	4.85	8.70	9.52	9.90	10.10	10.20	10.20	9.80	9.90	9.52	8.85		50.5	7.04	10.07	9.97

Quarter-Final 2 - 2004 USA Olympic Trials (Sacramento, CA)												<i>USATF Women's Sprint Development (2004)</i>						
date	09-Jul-04	time	2.07	3.22	4.27	5.28	6.22	7.21	8.18	9.17	10.23	11.28	11.28	2 / 1				
reaction time		interval	1.15			1.05	1.01	0.94	0.99	0.97	0.99	1.06	1.05		# of strides	4.27	2.94	3.02
wind	-1.4 m/s	velocity	4.83	8.70	9.52	9.90	10.64	10.10	10.31	10.10	9.43	9.52	8.87		50.2	7.03	10.20	9.93

FINAL - 2003 USATF National Championships (Palo Alto, CA)												<i>USATF Women's Sprint Development (2003)</i>						
date	20-Jun-03	time	2.09	3.24	4.27	5.25	6.24	7.21	8.16	9.16	10.19	11.17	11.17	7 / 4 3				
reaction time		interval	1.15			1.03	0.98	0.99	0.97	0.95	1.00	1.03	0.98		# of strides	4.27	2.94	2.98
wind	-1.1 m/s	velocity	4.78	8.70	9.71	10.20	10.10	10.31	10.53	10.00	9.71	10.20	8.95		7.03	10.20	10.07	

FINAL - 2000 USA Olympic Trials (Sacramento, CA)												<i>Lyle - miscellaneous coaching notes</i>				
date	15-Jul-00	time	2.03	4.19			6.10	7.04	10.00			11.05	11.05	/ 2		
reaction time		interval	2.16			1.91	0.94	2.96			1.05		# of strides	4.19	2.85	2.96
wind	-1.0 m/s	velocity	4.93	4.63		10.47	10.64	10.14			9.52	9.05		7.16	10.53	10.14

FINAL - 1999 IAAF World Championships (Sevilla, ESP)												<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>						
date	22-Aug-99	time	1.83	2.94	3.97	4.93	5.87	6.81	7.76	8.72	9.69	10.66	10.79	3 / 2				
reaction time	0.129	interval	1.11			1.03	0.96	0.94	0.94	0.95	0.96	0.97	0.97	PB	# of strides	3.97	2.84	2.88
wind	-0.1 m/s	velocity	5.46	9.01	9.71	10.42	10.64	10.64	10.53	10.42	10.31	10.31	9.27		7.56	10.56	10.42	

FINAL - 1997 IAAF World Championships (Athens, GRE)												<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>						
date	03-Aug-97	time	1.88	3.03	4.08	5.08	6.06	7.03	8.01	9.01	10.02	11.06	11.18	7 / 5				
reaction time	0.117	interval	1.15			1.05	1.00	0.98	0.97	0.98	1.00	1.01	1.04		# of strides	4.08	2.95	2.99
wind	0.4 m/s	velocity	5.32	8.70	9.52	10.00	10.20	10.31	10.20	10.00	9.90	9.62	8.94		50.2	7.35	10.17	10.03

FINAL - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>				
date	15-Jun-96	time	1.94	4.20			6.11	9.90			10.96	10.96	8 / 4			
reaction time		interval	2.26			1.91	3.79			1.06	PB	# of strides	4.20			
wind	1.1 m/s	velocity	5.15	8.85		10.47	10.55			9.43	9.12	49.5	7.14			

Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>				
date	15-Jun-96	time	2.04	4.22			6.16	10.07			11.10	11.10	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)												<i>Omega Timing (2019) - diamond league race analysis</i>				
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)												<i>USATF Women's Sprint Development with HPC (2008)</i>						
date	27-Jun-08	time	2.08	3.29	4.35	5.38	6.39	7.39	8.44	9.43	10.52	11.62	11.62	2 / 7				
reaction time		interval	1.21			1.06	1.03	1.01	1.00	1.05	0.99	1.09	1.10		# of strides	4.35	3.04	3.13
wind	1.1 m/s	velocity	4.81	8.26	9.43	9.71	9.90	10.00	9.52	10.10	9.17	9.09	8.61		6.90	9.87	9.58	

Miura, Yuna (JPN) (2002)

FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												<i>Kobayashi (2020) - national high school and U20 national championships</i>						
date	24-Oct-20	time	2.07	3.28	4.38	5.44	6.49	7.53	8.59	9.66	10.76	11.90	11.90	5 / 1				
reaction time	0.128	interval	1.21			1.10	1.06	1.05	1.04	1.06	1.07	1.10	1.14		# of strides	4.38	3.15	3.23
wind	-0.5 m/s	velocity	4.83	8.26	9.09	9.43	9.52	9.62	9.43	9.35	9.09	8.77	8.40		52.1	6.85	9.52	9.29

FINAL - 2020 Athlete Night Games (Fukui, JPN)												<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>				
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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 / 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 Championships (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	65.8	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	70.8	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	71.1	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	69.6	10.00	9.90	
FINAL - 1987 East German National Championships (Postdam, GDR)													Tepper (1989) - zum entwicklungsstand und zum trainingssysteme 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	72.3	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	71.4	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

													10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Möllinger, Anne (GER) (1985)																			<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>								
Heat 3 - 2010 Sparkassen-Gala (Regensburg, GER)																											
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	2.12	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)																			<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>								
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	2.09	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)																			<i>Federle (2003) - http://www.fgs.uni-halle.de</i>								
FINAL - 1991 European Cup (Frankfurt, GER)																											
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	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)																			<i>USATF Women's Sprint Development (1996)</i>								
Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)																											
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)																			<i>Lyle - miscellaneous coaching notes</i>								
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)																			<i>USATF Women's Sprint Development (2005)</i>								
Semi-Final 2 - 2005 USATF National Championships (Carson, CA)																											
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)																			<i>USATF Women's Sprint Development (2005)</i>								
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	0.98	0.99	0.98	1.00	1.05	1.03	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)																			<i>USATF Women's Sprint Development (2004)</i>								
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)																			<i>USATF Women's Sprint Development (2004)</i>								
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)																			<i>USATF Women's Sprint Development with HPC (2008)</i>								
FINAL - 2009 Windsprint (Sundsvall, SWE)																											
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	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)																			<i>USATF Women's Sprint Development with HPC (2008)</i>								
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)																			<i>USATF Women's Sprint Development with HPC (2008)</i>								
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)																			<i>USATF Women's Sprint Development with HPC (2008)</i>								
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)														<i>USATF Women's Sprint Development with HPC (2008)</i>				
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)														<i>USATF Women's Sprint Development (2005)</i>				
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)														<i>USATF Women's Sprint Development (2005)</i>				
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)														<i>USATF Women's Sprint Development (2005)</i>				
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)														<i>USATF Women's Sprint Development (2004)</i>				
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)																
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																
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)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>														
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 Championships (Sapporo, JPN)																	
<i>Takashima (2023) - national high school sports festival - biomechanics data</i>																	
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)																
<i>Paris 2024 Olympic Games - Results Book (2024)</i>																
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)																	
<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>																	
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)		<i>Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis</i>															
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)																	
<i>Omega Timing (2024) - diamond league race analysis</i>																	
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)		<i>Omega Timing (2024) - diamond league race analysis</i>															
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)

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

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

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

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

date	06-Aug-22	time		3.14		0.16		7.11		9.11		11.20	11.20	9 / 9	<i>Omega Timing (2022) - diamond league race analysis</i>		
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'Athlétisme (Rabat, MAR)

date	05-Jun-22	time		3.13		5.17		7.13		9.13		11.22	11.22	4 / 3	<i>Omega Timing (2022) - diamond league race analysis</i>		
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)

date	09-Sep-21	time		3.2		5.2		7.2		9.1		11.10	11.10	1 / 7	<i>Omega Timing (2021) - diamond league race analysis</i>		
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)

date	23-May-21	time		3.0		5.1		7.2		9.4		11.88	11.88	3 / 5	<i>Omega Timing (2021) - diamond league race analysis</i>		
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)

date	20-Jul-14	time			4.23			7.23		9.25		11.34	11.34	4 / 3	<i>(2014) - www.ssg.se/windsprint/Splittider/</i>		
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)

date	28-Jul-13	time			4.21			7.14		9.09		11.12	11.12	5 / 2	<i>(2013) - www.ssg.se/windsprint/Splittider/</i>		
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	
<i>Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE) Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																
date	15-Jun-13	time		3.49		5.76		7.98		10.27		12.57	12.57	7 / 6		
reaction time	0.160	interval				2.27		2.22		2.29		2.30		# of strides		
wind	-0.6 m/s	velocity		5.73		8.81		9.01		8.73		8.70	7.96			

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

<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>																
date	25-Feb-12	time		2.25	3.51	4.66	5.82	6.95	8.07			8.07		7 / 6		
reaction time	0.161	interval			1.26	1.15	1.16	1.13	1.12					# of strides	4.66	3.41
		velocity		4.44	7.94	8.70	8.62	8.85	8.93			7.43			6.44	8.80

Mulrain, Sabrina (GER) (1978)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<i>B FINAL - 2000 ISTAF (Berlin, GER) Graubner (2009) - http://www.fgs.uni-halle.de</i>																
date	01-Sep-00	time		3.30	4.36	5.39		7.40				11.54	11.54	1 / 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			
<i>FINAL - 2022 Shimane High School Championships (Izumo, JPN) Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>																		
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
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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) *Sušanka (1987) - hints on computer processing of biomechanical data*

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

	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)															
date	09-Sep-89	time	3.26	5.31	6.30	7.30	8.29	9.29		11.36	11.36	11.36	11.36	1 / 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) *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		
Quarter-Final 3 - 2008 USA Olympic Trials (Eugene, OR)																	
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 Hessian (NOR) (1989) *(2015) - www.windsprint/Splittider/*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
C FINAL - 2015 Windsprint (Sundsvall, SWE)															
date	26-Jul-15	time				7.91		10.13		12.42	12.42	12.42	3 / 2		
reaction time		interval						2.22		2.29			# of strides		
wind	0.1 m/s	velocity				7.59		9.01		8.73	8.05				

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

date	20-Jul-14	time	4.56	7.81	9.97	12.17	12.17	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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nagaishi, Koyuki (JPN) (2003)																	
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)											<i>Shibayama (2021) - national high school and U20 national championships</i>						
date	29-Jul-21	time	2.05	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)											<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>						
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)																	
B FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)											<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>						
date	06-Jul-08	time	2.17	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)																	
FINAL - 2018 Shimane High School Championships (Izumo, JPN)											<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>						
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)																	
FINAL - 2023 Shimane High School Championships (Izumo, JPN)											<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>						
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)																	
FINAL - 2024 Shimane High School Championships (Izumo, JPN)											<i>Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis</i>						
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)											<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>						
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)																	
FINAL - 2018 Shimane High School Championships (Izumo, JPN)											<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>						
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)											<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>						
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)											<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>						
date	06-Sep-20	time	2.01	3.22	4.32	5.38	6.42	7.47	8.52	9.59	10.69	11.83	11.83	1 / 2			
reaction time		interval		1.21	1.10	1.06	1.04	1.05	1.05	1.07	1.10	1.14		# of strides	4.32	3.15	3.22
wind	1.4 m/s	velocity	4.98	8.26	9.09	9.43	9.62	9.52	9.52	9.35	9.09	8.77	8.45		6.94	9.52	9.32
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)											<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>						
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)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
date	23-Jun-18	time	2.05	3.24	4.34	5.41	6.46	7.52	8.59	9.67	10.79	11.93	11.93	3 / 8			
reaction time	0.145	interval		1.19	1.10	1.07	1.05	1.06	1.07	1.08	1.12	1.14		# of strides	4.34	3.18	3.27
wind	0.8 m/s	velocity	4.88	8.40	9.09	9.35	9.52	9.43	9.35	9.26	8.93	8.77	8.38	55.0	6.91	9.43	9.17
FINAL - 2018 Fuse Sprint (Tottori, JPN)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
date	03-Jun-18	time	2.01	3.19	4.27	5.32	6.35	7.39	8.44	9.50	10.59	11.71	11.71	6 / 6			
reaction time		interval		1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.12		# of strides	4.27	3.12	3.20
wind	1.8 m/s	velocity	4.98	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.17	8.93	8.54	53.9	7.03	9.62	9.38

FINAL - 2017 National Sports Festival (Matsuyama, JPN)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>						
date	07-Oct-17	time	2.00	3.18	4.25	5.28	6.30	7.34	8.39	9.45	10.53	11.63	11.63	/ 1						
reaction time	0.120	interval		1.18	1.07	1.03	1.02	1.04	1.05	1.06	1.08	1.10	PB	# of strides	4.25	3.09	3.19			
wind	1.2 m/s	velocity	5.00	8.47	9.35	9.71	9.80	9.62	9.52	9.43	9.26	9.09	8.60	54.6	7.06	9.71	9.40			
Naimova, Tezdzhan (BUL) (1987) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>						
FINAL - 2013 European Indoor Championships (Göteborg, SWE)																				
date	03-Mar-13	time		3.14		5.15		7.10					7.10	3 / 4						
reaction time	0.162	interval				2.01		1.95					DV / -PB-	# of strides						
wind		velocity		6.37		9.95		10.26					8.45	30.5						
Nakahara, Sana (JPN) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis</i>						
FINAL - 2024 Shimane High School Championships (Izumo, JPN)																				
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	55.0	6.42	8.82	8.38			
Nakamura, Mizuki (JPN) (1996) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)																				
date	23-Jun-18	time	2.07	3.27	4.37	5.43	6.47	7.51	8.56	9.62	10.70	11.80	11.80	2 / 5						
reaction time	0.151	interval		1.20	1.10	1.06	1.04	1.04	1.05	1.06	1.08	1.10	# of strides	4.37	3.14	3.19				
wind	0.8 m/s	velocity	4.83	8.33	9.09	9.43	9.62	9.62	9.52	9.43	9.26	9.09	8.47	51.2	6.86	9.55	9.40			
FINAL - 2018 Mikio Oda Memorial (Hiroshima, JPN)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
date	29-Apr-18	time	2.08	3.28	4.38	5.44	6.48	7.51	8.55	9.60	10.67	11.75	11.75	2 / 5						
reaction time		interval		1.20	1.10	1.06	1.04	1.03	1.04	1.05	1.07	1.08	# of strides	4.38	3.13	3.16				
wind	1.3 m/s	velocity	4.81	8.33	9.09	9.43	9.62	9.71	9.62	9.52	9.35	9.26	8.51	50.3	6.85	9.58	9.49			
FINAL - 2017 Japanese National Championships (Osaka, JPN)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>						
date	24-Jun-17	time	2.06	3.24	4.32	5.36	6.39	7.42	8.46	9.52	10.59	11.68	11.68	/ 3						
reaction time	0.145	interval		1.18	1.08	1.04	1.03	1.04	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) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>						
Heat 4 - 2009 Japanese National Championships (Hiroshima, JPN)																				
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	1.07	1.10	1.12	# of strides	4.33	3.15	3.22					
wind	3.0 m/s	velocity	4.81	8.55	9.26	9.52	9.52	9.52	9.35	9.09	8.93	8.46		6.93	9.52	9.32				
FINAL - 2007 Japanese National High School Championships (Saga, JPN)														<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>						
date	03-Aug-07	time		3.23	4.31	5.34	6.39	7.44	8.51	9.59	10.68	11.83	11.83	5 / 2						
reaction time		interval			1.08	1.03	1.05	1.05	1.07	1.08	1.09	1.15	# of strides	4.31	3.13	3.24				
wind	1.3 m/s	velocity		6.19	9.26	9.71	9.52	9.52	9.35	9.26	9.17	8.70	8.45		6.96	9.58	9.26			
Nakano, Makoto (JPN) (1997) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>						
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN)																				
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														<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>						
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)																				
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														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>						
Heat 1 - 1996 International French Championships (Bercy, FRA)																				
date	10-Feb-96	time	1.99	3.25	4.32	5.38	6.43	7.48					7.48	/ 3						
reaction time		interval		1.26	1.07	1.06	1.05	1.05					# of strides	4.32	3.16					
wind		velocity	5.03	7.94	9.35	9.43	9.52	9.52					8.02		6.94	9.49				
Narita, Shuri (JPN) 10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m														<i>Takashima (2023) - national high school sports festival - biomechanics data</i>						
FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)																				
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														<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>						
D FINAL - 2009 Windsprint (Sundsvall, SWE)																				

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

date	16-Jul-23	time	1.99	3.12	4.15	5.13	6.08	7.04	8.01	8.98	9.97	11.01	11.01	7 / 5			
reaction time	0.141	interval		1.13	1.03	0.98	0.95	0.96	0.97	0.97	0.99	1.04		# of strides	4.15	2.89	2.93
wind	0.2 m/s	velocity	5.03	8.85	9.71	10.20	10.53	10.42	10.31	10.31	10.10	9.62	9.08	47.7	7.23	10.38	10.24

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 Athletissima (Lausanne, SUI)

date	30-Jun-23	time	2.02	3.16	4.18	5.17	6.14	7.10	8.07	9.05	10.04	11.07	11.07	3 / 2			
reaction time	0.135	interval		1.14	1.02	0.99	0.97	0.96	0.97	0.98	0.99	1.03		# of strides	4.18	2.92	2.94
wind	-0.8 m/s	velocity	4.95	8.77	9.80	10.10	10.31	10.42	10.31	10.20	10.10	9.71	9.03	48.0	7.18	10.27	10.20

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 FBK Games (Hengelo, NED)

date	04-Jun-23	time	2.09	3.22	4.24	5.21	6.17	7.12	8.08	9.04	10.03	11.05	11.05	4 / 1			
reaction time		interval		1.13	1.02	0.97	0.96	0.95	0.96	0.96	0.99	1.02		# of strides	4.24	2.88	2.91
wind	-0.1 m/s	velocity	4.78	8.85	9.80	10.31	10.42	10.53	10.42	10.42	10.10	9.80	9.05	47.7	7.08	10.42	10.31

Omega Timing (2023) - continental tour race analysis

FINAL - 2022 Weltklasse (Zürich, SUI)

date	08-Sep-22	time		3.19		5.19		7.11		9.03		11.02	11.02	8 / 4			
reaction time	0.167	interval				2.00		1.92		1.92		1.99		# of strides			
wind	-0.8 m/s	velocity		6.27		10.00		10.42		10.42		10.05	9.07	48.0			

Omega Timing (2022) - diamond league race analysis

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

date	10-Aug-22	time		3.23		5.19		7.08		8.97		10.91	10.91	8 / 6			
reaction time	0.176	interval				1.96		1.89		1.89		1.94		# of strides			
wind	0.4 m/s	velocity		6.19		10.20		10.58		10.58		10.31	9.17	47.0			

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Commonwealth Games (Birmingham, GBR)

date	03-Aug-22	time		3.1		5.1		7.1		9.0		11.07	11.07	5 / 3			
reaction time	0.148	interval				2.00		2.00		1.90		2.07		# of strides			
wind	0.4 m/s	velocity		6.45		10.00		10.00		10.53		9.66	9.03	47.5			

Longines Timing (2022) - commonwealth games race analysis

Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)

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			

Longines Timing (2022) - commonwealth games race analysis

FINAL - 2022 Meeting de Paris (Paris, FRA)

date	18-Jun-22	time		3.16		5.14		7.06		8.99		10.99	10.99	7 / 2			
reaction time	0.145	interval				1.98		1.92		1.93		2.00		# of strides			
wind	0.5 m/s	velocity		6.33		10.10		10.42		10.36		10.00	9.10	47.5			

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 FBK Games (Hengelo, NED)

date	06-Jun-22	time		3.1		5.2		7.1		9.1		11.19	11.19	6 / 1			
reaction time	0.141	interval				2.10		1.90		2.00		2.09		# of strides			
wind	0.8 m/s	velocity		6.45		9.52		10.53		10.00		9.57	8.94	48.0			

Omega Timing (2022) - continental tour race analysis

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

date	21-May-22	time		3.13		5.16		7.14		9.16		11.25	11.25	7 / 4			
reaction time	0.141	interval				2.03		1.98		2.02		2.09		# of strides			
wind	-0.1 m/s	velocity		6.39		9.85		10.10		9.90		9.57	8.89	51.7			

Omega Timing (2022) - diamond league race analysis

FINAL - 2021 Weltklasse (Zürich, SUI)

date	09-Sep-21	time		3.2		5.2		7.1		9.0		10.93	10.93	8 / 4			
reaction time	0.117	interval				2.00		1.90		1.90		1.93	PB	# of strides			
wind	0.6 m/s	velocity		6.25		10.00		10.53		10.53		10.36	9.15	48.0			

Omega Timing (2021) - diamond league race analysis

FINAL - 2021 Athletissima (Lausanne, SUI)

date	26-Aug-21	time		3.2		5.2		7.1		9.0		10.96	10.96	8 / 5			
reaction time	0.137	interval				2.00		1.90		1.90		1.96	=PB	# of strides			
wind	1.7 m/s	velocity		6.25		10.00		10.53		10.53		10.20	9.12	47.7			

Omega Timing (2021) - diamond league race analysis

FINAL - 2020 Olympic Games (Tokyo, JPN)

date	31-Jul-21	time			4.20			7.11		9.10		11.12	11.12	2 / 8			
reaction time	0.108	interval						2.91		4.01		2.02		# of strides	4.20	2.91	
wind	-0.6 m/s	velocity			7.14			10.31		4.99		9.90	8.99	48.0	7.14	10.31	

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

FINAL - 2019 The Match - Europe v USA (Minsk, BLR)

date	09-Sep-19	time					6.23					11.29	11.29	7 / 1			
reaction time	0.148	interval										5.06		# of strides			
wind	-0.8 m/s	velocity					8.03					9.88	8.86	49.0			

European Athletics (2019) - race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nelson, Ashleigh (GBR) (1991)																	
C FINAL - 2009 ISTAF (Berlin, GER)																	
												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
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)																	
FINAL - 2005 USATF National Junior Championships (Carson, CA)																	
												<i>USATF Women's Sprint Development (2005)</i>					
date	23-Jun-05	time	2.10	3.25	4.31	5.36	6.37	7.41	8.43	9.51	10.58	11.67	11.67	6 / 2			
reaction time		interval		1.15	1.06	1.05	1.01	1.04	1.02	1.08	1.07	1.09		# of strides	4.31	3.10	3.17
wind	-1.1 m/s	velocity	4.76	8.70	9.43	9.52	9.90	9.62	9.80	9.26	9.35	9.17	8.57		6.96	9.68	9.46
Nestoret, Maguy (FRA) (1969)																	
FINAL - 1991 European Cup (Frankfurt, GER)																	
												<i>Federle (2003) - http://www.fgs.uni-halle.de</i>					
date	29-Jun-91	time			4.30			7.47		9.60		11.78	11.78	/ 5			
reaction time		interval						3.17		2.13		2.18		# of strides	4.30	3.17	
wind	-2.7 m/s	velocity			6.98			9.46		9.39		9.17	8.49		6.98	9.46	
Ngoye, Natacha (CGO) (1993)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)																	
												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	1.83	2.97	4.01	5.00	5.98	6.98	7.98	9.00	10.04	11.34	11.34	4 / 1			
reaction time	0.174	interval		1.14	1.04	0.99	0.98	1.00	1.00	1.02	1.04	1.30		# of strides	4.01	2.97	3.06
wind	0.0 m/s	velocity	5.46	8.77	9.62	10.10	10.20	10.00	10.00	9.80	9.62	7.69	8.82	49.5	7.48	10.10	9.80
Niculae, Erica (ROU) (1973)																	
FINAL - 1997 European Cup (Munich, GER)																	
												<i>Jung (2003) - http://www.fgs.uni-halle.de</i>					
date	21-Jun-97	time	2.13		4.41			7.56		9.70		11.89	11.89	/ 8			
reaction time		interval			2.28			3.15		2.14		2.19		# of strides	4.41	3.15	
wind	0.6 m/s	velocity	4.69		4.54			9.52		9.35		9.13	8.41		6.80	9.52	
Nikamo, Karolina (SWE) (1995)																	
A FINAL - 2016 Windsprint (Sundsvall, SWE)																	
												<i>(2016) - www.windsprint/Splittider/</i>					
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)																	
												<i>(2016) - www.windsprint/Splittider/</i>					
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)																	
												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
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)																	
												<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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)																	
												<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>					
date	17-Jun-12	time			4.53			7.84		10.07		12.41	12.41	/ 4			
reaction time		interval						3.31		2.23		2.34		# of strides	4.53	3.31	
wind	0.6 m/s	velocity			6.62			9.06		8.97		8.55	8.06		6.62	9.06	
Nilsson, Evelina (SWE) (1994)																	
B FINAL - 2017 Windsprint (Sundsvall, SWE)																	
												<i>(2017) - www.windsprint/Splittider/</i>					
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			2.44		# 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)																	
												<i>(2015) - www.windsprint/Splittider/</i>					
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)																	
												<i>(2014) - www.ssg.se/windsprint/Splittider/</i>					
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
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(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

FINAL - 2012 Windsprint (Sundsvall, SWE)

date	17-Jun-12	time	4.45	7.61	9.74	11.98	11.98	2 / 7		
reaction time		interval		3.16	2.13	2.24		# of strides	4.45	3.16
wind	1.0 m/s	velocity	6.74	9.49	9.39	8.93	8.35		6.74	9.49

Nilsson, Rebecca (SWE) (1993)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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(2010) - www.ssg.se/en/Windsprint/Split-times/

B FINAL - 2010 Windsprint (Sundsvall, SWE)

date	08-Aug-10	time	4.69	8.03	10.28	12.66	12.66	/ 8		
reaction time		interval		3.34	2.25	2.38		# of strides	4.69	3.34
wind	2.2 m/s	velocity	6.40	8.98	8.89	8.40	7.90		6.40	8.98

Niščáková, Veronika (CZE) (1997)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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(2014) - [Final report from the U18 & U20 Czech Republic national championships](#)

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

date	28-Jun-14	time	3.55	5.95	8.28	10.67	13.12	13.12	2 / 4		
reaction time	0.220	interval		2.40	2.33	2.39	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
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(2019) - [running performance analysis women's 100m leading sprinters- world, asia, and japan](#)

FINAL - 2018 Japanese National Championships (Yamaguchi, JPN)

date	23-Jun-18	time	2.04	3.23	4.33	5.39	6.43	7.48	8.54	9.62	10.72	11.86	11.86	8 / 7				
reaction time	0.155	interval		1.19	1.10	1.06	1.04	1.05	1.06	1.08	1.10	1.14		# of strides	4.33	3.15	3.24	
wind	0.8 m/s	velocity	4.90	8.40	9.09	9.43	9.62	9.52	9.43	9.26	9.09	8.77	8.43		53.5	6.93	9.52	9.26

FINAL - 2018 Fuse Sprint (Tottori, JPN)(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)(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)(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

Nkansá, Delphine (BEL) (2001)

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

Heat A - 2024 Weltklasse (Zürich, SU)

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)(2024) - [Paris 2024 Olympic 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)(2024) - [Paris 2024 Olympic 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)(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)(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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Nku, Mercy (NGR) (1976)																		
FINAL - 2001 ISTAF (Berlin, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																
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)		<i>Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999</i>																
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)																		
Heat 2 - 2008 Nambu Chuhei Memorial (Hakodate, JPN)		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>																
date	06-Jul-08	time	2.13	3.30	4.38	5.43	6.46	7.49	8.53	9.58	10.65	11.73	11.73		/ 1			
reaction time		interval		1.17	1.08	1.05	1.03	1.03	1.04	1.05	1.07	1.08		# of strides	4.38	3.11	3.16	
wind	1.7 m/s	velocity	4.69	8.55	9.26	9.52	9.71	9.71	9.62	9.52	9.35	9.26	8.53		6.85	9.65	9.49	
FINAL - 2008 Osaka Grand Prix (Osaka, JPN)		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>																
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)		<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>																
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)		<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>																
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)		<i>Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system</i>																
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)																		
FINAL - 2023 Shimane High School Championships (Izumo, JPN)		<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>																
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)		<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>																
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)																		
FINAL - 2013 Japanese National High School Championships (Oita, JPN)		<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>																
date	31-Jul-13	time	2.14	3.33	4.42	5.48	6.53	7.57	8.64	9.71	10.82	11.93	11.93		/ 2			
reaction time		interval		1.19	1.09	1.06	1.05	1.04	1.07	1.07	1.11	1.11		# of strides	4.42	3.15	3.25	
wind	-0.5 m/s	velocity	4.67	8.40	9.17	9.43	9.52	9.62	9.35	9.35	9.01	9.01	8.38		6.79	9.52	9.23	
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)		<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>																
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)		<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>																
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)																		
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)		<i>Kishima (2022) - national high school championships biomechanics data collection</i>																
date	04-Aug-22	time	2.05	3.24	4.34	5.41	6.48	7.56	8.66	9.77	10.92	12.08	12.08		9 / 5			
reaction time	0.128	interval		1.19	1.10	1.07	1.07	1.08	1.10	1.11	1.15	1.16		# of strides	4.34	3.22	3.36	
wind	-0.6 m/s	velocity	4.88	8.40	9.09	9.35	9.35	9.26	9.09	9.01	8.70	8.62	8.28		58.0	6.91	9.32	8.93
Novosadová, Jana (CZE) (1997)																		

Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	3.59	5.92	8.21	10.53	12.90	12.90	2 / 7										
reaction time	0.169	interval		2.33	2.29	2.32	2.37		# of strides										
wind	-1.4 m/s	velocity	5.57	8.58	8.73	8.62	8.44	7.75											
Novotná, Lenka (CZE) (1997)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	28-Jun-14	time	3.58	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)														<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>					
FINAL - 2023 Shimane High School Championships (Izumo, JPN)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
date	27-May-23	time	4.53	7.88	7.88	11.27	12.50	12.50	4 / 6										
reaction time		interval		3.35	3.35	3.39	1.23		# of strides				4.53	3.35	3.39				
wind	2.1 m/s	velocity	6.62	8.96	8.96	8.85	8.13	8.00	58.0	6.62	8.96	8.85							
Nuneva, Anelia (BUL) (1962)														<i>Arnold (1992) - 1992 Olympic report: 100m men</i>					
FINAL - 1992 Olympic Games (Barcelona, ESP)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
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)														<i>Federle (2003) - http://www.fgs.uni-halle.de</i>					
date	29-Jun-91	time	4.27	7.40	7.40	9.55	11.74	11.74	/ 3										
reaction time		interval		3.13	3.13	2.15	2.19		# of strides				4.27	3.13					
wind	-2.7 m/s	velocity	7.03	9.58	9.58	9.30	9.13	8.52	7.03	9.58									
FINAL - 1988 Olympic Games (Seoul, KOR)														<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>					
date	25-Sep-88	time	2.00	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)														<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>					
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)														<i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>					
date	30-Aug-87	time	2.01	3.12	4.15	5.14	6.10	7.06	8.01	9.01	10.05	11.09	11.09	7 / 5					
reaction time	0.169	interval		1.11	1.03	0.99	0.96	0.96	0.95	1.00	1.04	1.04		# of strides	4.15	2.91	2.99		
wind	-0.5 m/s	velocity	4.98	9.01	9.71	10.10	10.42	10.42	10.53	10.00	9.62	9.62	9.02	50.5	7.23	10.31	10.03		
Semi-Final 2 - 1987 IAAF World Championships (Rome, ITA)														<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>					
date	30-Aug-87	time	4.18	7.05	7.05	11.01	11.01	5 / 2											
reaction time		interval		2.87	2.87	3.96		# of strides					4.18	2.87					
wind	0.7 m/s	velocity	7.18	10.45	10.45	10.10	9.08	50.0	7.18	10.45									
Quarter-Final 1 - 1987 IAAF World Championships (Rome, ITA)														<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>					
date	29-Aug-87	time	4.23	7.23	7.23	11.29	11.29	3 / 2											
reaction time		interval		3.00	3.00	4.06		# of strides					4.23	3.00					
wind	-0.3 m/s	velocity	7.09	10.00	10.00	9.85	8.86	51.0	7.09	10.00									
Heat 4 - 1987 IAAF World Championships (Rome, ITA)														<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>					
date	29-Aug-87	time	4.20	7.18	7.18	11.37	11.37	/ 1											
reaction time		interval		2.98	2.98	4.19		# of strides					4.20	2.98					
wind	-0.6 m/s	velocity	7.14	10.07	10.07	9.55	8.80	7.14	10.07										
FINAL - 1987 European Cup (Prague, TCH)														<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>					
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)														<i>Levchenko (1990) - questions and answers about women's sprinting</i>					
date	07-Jun-87	time	3.79	6.69	6.69	8.62	10.58	10.92	/ 1										
reaction time		interval		2.90	2.90	1.93	1.96	NR	# of strides				3.79	2.90					
wind	-0.6 m/s	velocity	7.92	10.34	10.34	10.36	10.20	9.16	50.0	7.92	10.34								
FINAL - 1986 Goodwill Games (Moscow, URS)														<i>Levchenko (1990) - questions and answers about women's sprinting</i>					
date	08-Jun-83	time	3.94	6.99	6.99	9.00	11.07	11.40	/ 7										
reaction time		interval		3.05	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
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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)											<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)											<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)											<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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							
Nyh�len, 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)											<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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)											<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)											<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>					
date	03-Aug-07	time	3.31	4.43	5.49	6.56	7.63	8.72	9.82	10.93	12.10	12.10	1 / 7			
reaction time		interval		1.12	1.06	1.07	1.07	1.09	1.10	1.11	1.17		# of strides			
wind	1.3 m/s	velocity	6.04	8.93	9.43	9.35	9.35	9.17	9.09	9.01	8.55	8.26	4.43	3.20	3.30	
Odesj�, 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)											<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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				
Odiiong, Ofonime (BRN) (1997)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2018 Asian Games (Jakarta, INA)											<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>					
date	26-Aug-18	time	2.07	3.21	4.25	5.25	6.23	7.22	8.22	9.23	10.25	11.30	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		
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
Odlozilov�, 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 (T�bor, CZE)											<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>					
date	15-Jun-13	time	3.58	5.90	8.20	10.61	13.06	13.06	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		6.85			9.40	9.04		
Oga, Haruka (JPN) (1995)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
FINAL - 2013 Japanese National High School Championships (Oita, JPN)											<i>Matsuo (2013) - 66th high school championships: JAF scientific committee- biomechanics data</i>					
date	31-Jul-13	time	2.11	3.29	4.38	5.44	6.50	7.57	8.65	9.76	10.89	12.05	12.05	1 / 7		
reaction time		interval		1.18	1.09	1.06	1.06	1.07	1.08	1.11	1.13	1.16		# of strides		
wind	-0.5 m/s	velocity	4.74	8.47	9.17	9.43	9.43	9.35	9.26	9.01	8.85	8.62	8.30	6.85	9.40	9.04
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)											<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>					
date	30-Jul-12	time	6.54	7.59	8.66	9.75	10.86	12.01	12.01	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)											<i>Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis</i>					
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					

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Ojokolo, Endurance (NGR) (1975)																		
FINAL - 2001 ISTAF (Berlin, GER)		<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>																
date	31-Aug-01	time	3.22	4.24	5.22	7.18	9.19	11.26	11.26			11.26	/ 4 3					
reaction time	0.161	interval		1.02	0.98	1.96	2.01	2.07			2.07		# of strides	4.24	2.94			
wind	0.5 m/s	velocity	6.21	9.80	10.20	10.20	9.95	9.66	8.88			8.88		7.08	10.20			
Okabe, Nao (JPN) (1988)																		
Heat 1 - 2012 Mikio Oda Memorial (Hiroshima, JPN)		<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																
date	29-Apr-12	time	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	9.26	8.93	8.70	8.55	51.0	7.09	9.74	9.29		
Heat 2 - 2011 Asian Championships (Kobe, JPN)		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>																
date	07-Jul-11	time	2.08	3.24	4.31	5.35	6.38	7.40	8.43	9.48	10.55	11.63	11.64	/ 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)		<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>																
date	27-Jun-09	time	2.03	3.20	4.28	5.33	6.38	7.43	8.49	9.58	10.69	11.83	11.83	3 / 3				
reaction time		interval		1.17	1.08	1.05	1.05	1.05	1.06	1.09	1.11	1.14		# 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)																		
FINAL - 2023 Japanese National High School Championships (Sapporo, JPN)		<i>Takashima (2023) - national high school sports festival - biomechanics data</i>																
date	03-Aug-23	time	2.13	3.37	4.50	5.59	6.67	7.76	8.85	9.97	11.10	12.26	12.26	6 / 6				
reaction time	0.194	interval		1.24	1.13	1.09	1.08	1.09	1.09	1.12	1.13	1.16		# 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)																		
FINAL - 2021 Doha Diamond League (Doha, QAT)		<i>Omega Timing (2021) - diamond league race analysis</i>																
date	28-May-21	time		3.2		5.2	7.1	9.0	10.90	10.90			10.90	3 / 2				
reaction time	0.130	interval			2.00	1.90	1.90	1.90			1.90		# of strides					
wind	1.1 m/s	velocity		6.25	10.00	10.53	10.53	10.53	10.53			9.17	47.0					
FINAL - 2019 Memorial van Damme (Brussels, BEL)		<i>Omega Timing (2019) - diamond league race analysis</i>																
date	06-Sep-19	time		3.3	5.3	7.3	9.2	11.24	11.24			11.24	7 / 5					
reaction time	0.153	interval			2.0	2.0	1.9	2.04			2.04		# of strides					
wind	-0.3 m/s	velocity		6.06	10.00	10.00	10.53	9.80	8.90			8.90	47.7					
FINAL - 2016 Seiko Golden Grand Prix (Kawasaki, JPN)		<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>																
date	08-May-16	time	2.11	3.24	4.27	5.27	6.25	7.23	8.23	9.24	10.26	11.30	11.30	7 / 2				
reaction time		interval		1.13	1.03	1.00	0.98	0.98	1.00	1.01	1.02	1.04		# of strides	4.27	2.96	3.03	
wind	-1.7 m/s	velocity	4.74	8.85	9.71	10.00	10.20	10.00	9.90	9.80	9.62	8.85	48.5	7.03	10.14	9.90		
FINAL - 2011 IAAF World Championships (Daegu, KOR)		<i>KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011</i>																
date	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)																		
Heat 3 - 2012 Mikio Oda Memorial (Hiroshima, JPN)		<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>																
date	29-Apr-12	time	2.14	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)		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>																
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)																		
A FINAL - 2014 Windsprint (Sundsvall, SWE)		<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																
date	20-Jul-14	time		4.19		7.19	9.21	11.32	11.32			11.32	5 / 2					
reaction time		interval			3.00	2.02	2.11			2.11		# of strides	4.19	3.00				
wind	1.2 m/s	velocity		7.16	10.00	9.90	9.48	8.83			8.83		7.16	10.00				
A FINAL - 2013 Windsprint (Sundsvall, SWE)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>																
date	28-Jul-13	time		4.20		7.15	9.13	11.21	11.21			11.21	3 / 4					
reaction time		interval			2.95	1.98	2.08			2.08		# of strides	4.20	2.95				
wind	2.2 m/s	velocity		7.14	10.17	10.10	9.62	8.92			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
wind	-0.3 m/s	velocity	6.33	9.52	9.90	9.85	9.80	9.30	8.74	4.21 3.04
										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
wind	-0.6 m/s	velocity	6.33	9.71	10.00	9.95	9.90	9.39	8.81	4.19 3.01
										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
wind	1.0 m/s	velocity		7.11	9.93	9.76	9.39	8.76	4.22 3.02
									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 championships*

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
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
														4.40 3.14 3.21
														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
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	4.29 2.97 3.02
														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
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	4.44 3.15 3.17
														6.76 9.52 9.46

Oliere, Orland (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
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	4.19 3.01 3.11
														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
		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	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	/ 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	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	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
wind	0.0 m/s	velocity	4.93	8.55	9.35	9.52	9.62	9.52	9.35	9.26	9.09	8.55	8.55	55.0

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
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

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
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

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
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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	# of strides	4.22	2.94	3.10
reaction time		interval	1.10	1.04	0.99	0.98	0.97	1.02	1.05	1.03	1.03				52.0	7.11	10.20	9.68
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					

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	# of strides	4.25	2.99	3.00
reaction time		interval	1.16	1.03	1.00	1.01	0.98	1.00	1.00	1.00	1.00	1.02			45.0	7.06	10.03	10.00
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					

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	# of strides		
reaction time	0.186	interval			2.06	0.98	0.97	1.00	0.98				2.08					
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	# of strides	4.37	3.07	3.14
reaction time		interval		1.14	1.09	1.04	1.00	1.03	1.02	1.13	0.99	1.02	PB		6.86	9.77	9.55	
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					

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	1 / 6	# of strides	4.31	3.03
reaction time	0.141	interval		1.05	1.02		2.01		2.02			2.05			6.96	9.90	
wind	-0.7 m/s	velocity	6.13	9.52	9.80		9.95		9.90			9.76	8.76				

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	1 / 3	# of strides	4.25	2.98
reaction time	0.117	interval		1.04	1.01		1.97		2.01			2.09			7.06	10.07	
wind	0.0 m/s	velocity	6.23	9.62	9.90		10.15		9.95			9.57	8.83				

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	1 / 2	# of strides	4.28	3.01
reaction time	0.152	interval		1.05	1.02		1.99		2.02			2.09			7.01	9.97	
wind	0.3 m/s	velocity	6.19	9.52	9.80		10.05		9.90			9.57	8.77				

Padevetová, Markéta (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	# of strides		
reaction time	0.168	interval			2.33		2.30		2.31			2.38					
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 / 1	# of strides	4.46	3.12
reaction time		interval		1.08	1.04		2.08		2.09			2.15			6.73	9.62	
wind	-0.3 m/s	velocity	5.92	9.26	9.62		9.62		9.57			9.30	8.46				

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 / 1	# of strides	4.48	3.09
reaction time		interval		1.07	1.04		2.05		2.06			2.12			6.70	9.71	
wind	1.3 m/s	velocity	5.87	9.35	9.62		9.76		9.71			9.43	8.51				

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	1 / 2	# of strides	4.41	3.09
reaction time		interval		1.06	1.03		2.06		2.10			2.13			6.80	9.71	
wind	-0.1 m/s	velocity	5.97	9.43	9.71		9.71		9.52			9.39	8.53				

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	# of strides	4.42	3.33	3.42
reaction time	0.146	interval		1.18	1.14	1.10	1.12	1.11	1.12	1.14	1.16	1.17			6.79	9.01	8.77	
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					

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	# of strides		
reaction time	0.157	interval			2.23		2.21		2.25			2.35					

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)													<i>(2017) - www.windsprint/Splittider/</i>						
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)													<i>(2016) - www.windsprint/Splittider/</i>						
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)													<i>(2016) - www.windsprint/Splittider/</i>						
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)													<i>(2015) - www.windsprint/Splittider/</i>						
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)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>						
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)													<i>Shandong Athletics Sport Science (2024)</i>						
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	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)													<i>Shandong Athletics Sport Science (2024)</i>						
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)													<i>Shandong Athletics Sport Science (2023)</i>						
date	09-Jun-23	time		3.29	4.40	5.45	6.51	7.57	8.64	9.71	10.84	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)													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>						
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)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>						
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)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>						
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)													<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>						
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) (1987)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2023) - diamond league race analysis</i>						
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	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		

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Paré, Maroussia (FRA) (1996)																		
National FINAL - 2024 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2024) - diamond league race analysis</i>						
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	
Pariset, Helene (FRA) (1992)																		
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)												<i>Omega Timing (2022) - diamond league race analysis</i>						
date	26-Aug-22	time		3.3		5.4		7.4		9.4		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)																		
FINAL - 2021 Doha Diamond League (Doha, QAT)												<i>Omega Timing (2021) - diamond league race analysis</i>						
date	28-May-21	time		3.2		5.3		7.2		9.2		11.26	11.26	2 / 6				
reaction time	0.142	interval				2.10		1.90		2.00		2.06		# of strides				
wind	1.1 m/s	velocity		6.25		9.52		10.53		10.00		9.71	8.88	53.2				
Paschke, Melanie (GER) (1970)																		
FINAL - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	07-Aug-02	time		3.21		4.26		5.28		7.28		9.29	11.37	11.37	/ 5			
reaction time	0.137	interval				1.05		1.02		2.00		2.01	2.08	# of strides	4.26	3.02		
wind	-0.7 m/s	velocity		6.23		9.52		9.80		10.00		9.95	9.62	53.1	7.04	9.93		
Semi-Final 2 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	07-Aug-02	time		3.20		4.25		5.27		7.26		9.27	11.35	11.35	/ 3			
reaction time	0.148	interval				1.05		1.02		1.99		2.01	2.08	# of strides	4.25	3.01		
wind	0.3 m/s	velocity		6.25		9.52		9.80		10.05		9.95	9.62	8.81	7.06	9.97		
Heat 3 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	06-Aug-02	time		3.17		4.22		5.24		7.25		9.27	11.36	11.36	/ 3			
reaction time	0.127	interval				1.05		1.02		2.01		2.02	2.09	# of strides	4.22	3.03		
wind	0.0 m/s	velocity		6.31		9.52		9.80		9.95		9.90	9.57	8.80	7.11	9.90		
FINAL - 2001 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	31-Aug-01	time		3.25		4.30		5.32		7.32		9.34	11.41	11.41	/ 5			
reaction time	0.173	interval				1.05		1.02		2.00		2.02	2.07	# of strides	4.30	3.02		
wind	0.5 m/s	velocity		6.15		9.52		9.80		10.00		9.90	9.66	8.76	6.98	9.93		
C FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>						
date	23-Jun-01	time		3.24		4.30		5.33		7.36		9.39	11.48	11.48	/ 2			
reaction time	0.140	interval				1.06		1.03		2.03		2.03	2.09	# of strides	4.30	3.06		
wind	-0.2 m/s	velocity		6.17		9.43		9.71		9.85		9.85	9.57	8.71	6.98	9.80		
FINAL - 1997 IAAF World Championships (Athens, GRE)												<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>						
date	03-Aug-97	time		1.89		3.03		4.07		5.07		6.05	7.03	8.01	9.01	10.02	11.05	11.19
reaction time	0.138	interval				1.14		1.04		1.00		0.98	0.98	0.98	1.00	1.01	1.03	
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
FINAL - 1997 German National Championships (Frankfurt, GER)												<i>Grosser (2007) - Schnelligkeitsairtraining</i>						
date	28-Jun-97	time		1.98		3.12		4.15		5.16		6.16	7.14	8.14	9.14	10.15	11.18	11.18
reaction time		interval				1.14		1.03		1.01		1.00	0.98	1.00	1.00	1.01	1.03	
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
FINAL - 1996 German National Championships (Köln, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>						
date	21-Jun-96	time		2.03		4.19				7.11		9.05	11.06	11.06	/ 1			
reaction time		interval				2.16				2.92		1.94	2.01	# of strides	4.19	2.92		
wind	0.6 m/s	velocity		4.93		9.26				10.27		10.31	9.95	9.04	7.16	10.27		
Pastushenko, Olena (UKR) (1979)																		
Semi-Final 2 - 2002 European Championships (Munich, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>						
date	07-Aug-02	time		3.17		4.22		5.24		7.27		9.36	11.54	11.54	/ 8			
reaction time	0.115	interval				1.05		1.02		2.03		2.09	2.18	# of strides	4.22	3.05		
wind	0.3 m/s	velocity		6.31		9.52		9.80		9.85		9.57	9.17	8.67	7.11	9.84		
Patková, Dominika (CZE) (1997)																		
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>						
date	28-Jun-14	time		3.43		5.77				8.12		10.53	13.06	13.06	3 / 4			
reaction time	0.170	interval				2.34				2.35		2.41	2.53	# of strides				
wind	-4.3 m/s	velocity		5.83		8.55				8.51		8.30	7.91	7.66				

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Pelham, Shaunta (USA) (1978)																	
Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)												<i>USATF Women's Sprint Development (2004)</i>					
date	09-Jul-04	time	2.16	3.34	4.37	5.37	6.39	7.42	8.46	9.52	10.56	11.70	11.70	6 / 6			
reaction time		interval		1.18	1.03	1.00	1.02	1.03	1.04	1.06	1.04	1.14		# of strides	4.37	3.05	3.14
wind	-0.8 m/s	velocity	4.63	8.47	9.71	10.00	9.80	9.71	9.62	9.43	9.62	8.77	8.55	51.0	6.86	9.84	9.55
Pendareva, Petya (BUL) (1971)																	
B FINAL - 2000 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
date	01-Sep-00	time		3.10	4.15	5.17		7.16				11.30	11.30	/ 1			
reaction time	0.135	interval			1.05	1.02		1.99				4.14		# of strides	4.15	3.01	
wind	0.1 m/s	velocity		6.45	9.52	9.80		10.05				9.66	8.85		7.23	9.97	
Pereira, Veronica Shanti (SGP) (1996)																	
Heat 7 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)																	
U20 FINAL - 2020 Millrose Games (New York, NY)												<i>PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/</i>					
date	08-Feb-20	time	2.23	3.38	4.44	5.52	6.57	7.60				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)																	
FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)												<i>Winckler (2008) - running parameters</i>					
date	06-Mar-99	time		4.28				7.38				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)												<i>USATF Women's Sprint Development (1996)</i>					
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)																	
C FINAL - 2009 ISTAF (Berlin, GER)												<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>					
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)																	
Heat 2 - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time		3.65		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)																	
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)												<i>Omega Timing (2023) - diamond league race analysis</i>					
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
Petterson, Erica (SWE) (1990)																	
B FINAL - 2011 Windsprint (Sundsvall, SWE)												<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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 Aphy, Silina (LAO) (2005)																	
Prelim 1 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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
Phan Tran Vi Thanh (CZE) (1995)																	

Heat 3 - 2014 Czech Republic National U20 Championships (Trinec, CZE)

date	28-Jun-14	time	3.60	6.04	8.43
reaction time	0.157	interval		2.44	2.39
wind	-3.0 m/s	velocity	5.56	8.20	8.37

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

	10.81	13.22	13.22	6 / 4
	2.38	2.41		# of strides
	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	9.15	11.15	11.15	7 / 6
reaction time	0.134	interval		2.05	1.99	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	1 / 7
reaction time	0.127	interval		1.11	1.08	2.12	2.17	2.19		# of strides
wind	-0.2 m/s	velocity	6.04	9.01	9.26	9.43	9.22	9.13	8.35	4.42 3.20

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	9.27	11.27	11.27	1 / 7 6
reaction time	0.151	interval		1.05	1.02	1.98	2.06	2.06		# of strides
wind	0.1 m/s	velocity	6.33	9.52	9.80	10.10	9.85	8.87	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	11.23	1 / 2
reaction time		interval		2.24	2.97	1.99	2.02			# of strides
wind	0.6 m/s	velocity	4.98	4.71	10.10	10.05	9.90	8.90		4.25 2.97

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	11.05	1 / 1
reaction time		interval		2.20	2.92	1.95	1.99	PB		# of strides
wind	1.1 m/s	velocity	5.03	9.09	10.27	10.26	10.05	9.05		4.19 2.92

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
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	4.58 3.28 3.34

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
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 4.46 3.07 3.09

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	7.79	1 / 6
reaction time		interval		1.18	1.11	1.06	1.10	1.02						# of strides
		velocity	4.31	8.47	9.01	9.43	9.09	9.80				7.70		4.61 3.18

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
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 4.14 2.98 3.17

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		11.68	3 / 5
reaction time		interval				3.03		2.12		2.15				# of strides
wind	1.0 m/s	velocity		6.85		9.90		9.43		9.30	8.56			4.38 3.03

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	7.33	1 / 7
reaction time	0.193	interval		1.09	1.05	1.00	1.00	0.98						# of strides
		velocity												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
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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	2.0	11.15	# 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	2.16	# of strides	
wind	0.4 m/s	velocity	6.04	9.43	9.80	9.90	9.66	9.26	8.59	

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	2.13	# of strides	
wind	0.4 m/s	velocity	6.13	9.43	9.71	9.85	9.66	9.39	8.64	

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	2.13	# of strides	
wind	-0.4 m/s	velocity	6.23	9.62	9.90	9.95	9.71	9.39	8.73	

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	2.15	# of strides	
wind	-0.7 m/s	velocity	6.25	9.62	10.00	9.85	9.62	9.30	8.70	

Pohrebnyak, Nataliya (UKR) (1988)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Quarter-Final 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	11.49	1 / 6
reaction time	0.149	interval	1.05	1.01	2.04	2.05	2.13	2.13	2.13	# of strides	
wind	0.1 m/s	velocity	6.23	9.52	9.90	9.80	9.76	9.39	8.70	49.5	

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	11.54	6 / 3
reaction time	0.164	interval	1.06	1.02	2.04	2.05	2.15	2.15	2.15	# of strides	
wind	-0.5 m/s	velocity	6.21	9.43	9.80	9.80	9.76	9.30	8.67	49.5	

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
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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	7.68	/ 6
reaction time		interval	1.21	1.09	1.09	1.04	1.08	1.08	1.08	# of strides	
wind		velocity	4.61	8.26	9.17	9.17	9.62	9.26	7.81	6.71	

Polyakova, Yevgeniya (RUS) (1983)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Heat 5 - 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	11.41	2 / 2
reaction time	0.150	interval	1.04	1.01	2.02	2.03	2.11	2.11	2.11	# of strides	
wind	-0.7 m/s	velocity	6.25	9.62	9.90	9.90	9.85	9.48	8.76	7.08	

Posch, Isabel (AUT) (2000)

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Heat 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	1.06	1.06	# of strides
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

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	1.06	1.06	# of strides
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

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	1.10	1.10	# of strides
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

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
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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	1.13	1.13	# of strides
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

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	10.96	4 / 4			
reaction time	0.174	interval				2.91		1.96		2.00		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)**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)**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	11.29	/ 1			
reaction time		interval				3.00		2.05		2.10		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)**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	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	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	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)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
date	28-Jun-14	time		3.43				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)																	
FINAL - 2008 USATF National Junior Championships (Columbus, OH)														<i>USATF Women's Sprint Development with HPC (2008)</i>			
date	20-Jun-08	time	2.16	3.30	4.41	5.47	6.48	7.49	8.50	9.57	10.62	11.66	11.66	2 / 7			
reaction time		interval		1.14	1.11	1.06	1.01	1.01	1.01	1.07	1.05	1.04		# of strides	4.41	3.08	3.13
wind	1.3 m/s	velocity	4.63	8.77	9.01	9.43	9.90	9.90	9.90	9.35	9.52	9.62	8.58		6.80	9.74	9.58
Qin Qing (CHN) (2004)																	
Heat 1 - 2023 Chinese Indoor National Championships (Tianjin, CHN)														<i>Shandong Athletics Sport Science (2023)</i>			
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		6.74	9.35	
Qiu Zitong (CHN)																	
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														<i>Shandong Athletics Sport Science (2022)</i>			
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
Rajmonová, Anežka (CZE) (1997)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
date	28-Jun-14	time	2.25	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)														<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
date	28-Jun-14	time		3.58				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) (1996)																	
FINAL - 1996 International French Championships (Bercy, FRA)														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>			
date	10-Feb-96	time	2.08	3.24	4.28	5.29	6.30	7.31					7.31	1 / 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)														<i>Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m</i>			
date	10-Feb-96	time	2.02	3.27	4.34	5.36	6.37	7.40					7.40	1 / 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)																	
Semi-Final 2 - 2012 Czech Republic National Indoor Championships (Praha, CZE)														<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>			
date	25-Feb-12	time	2.13	3.38	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)														<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>			
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)																	
FINAL - 2016 Hürden-und Sprintmeeting (Basel, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>			
date	07-May-16	time					6.40					11.70	11.70	1 / 2			
reaction time		interval										5.30		# of strides			
wind	0.4 m/s	velocity					7.81					9.43	8.55				
Ratcliff, LaShawndra (USA) (1982)																	
Heat 3 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>			
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Rees, Alisha (GBR) (1999)																	
Semi-Final 3 - 2022 Commonwealth Games (Birmingham, GBR)												<i>Longines Timing (2022) - commonwealth games race analysis</i>					
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)																	
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)												<i>Omega Timing (2021) - diamond league race analysis</i>					
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)																	
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)												<i>USATF Women's Sprint Development (2005)</i>					
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)												<i>USATF Women's Sprint Development (2005)</i>					
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)												<i>USATF Women's Sprint Development (2004)</i>					
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 / 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)																	
Prelim 2 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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)																	
FINAL - 1972 Olympic Games (Munich, FRG)												<i>Breizer (1984) - sprint competition analysis</i>					
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		2.05		# of strides	4.18	3.12	
wind	-0.2 m/s	velocity		7.18		9.62		9.85		9.76		8.79	8.79	53.0	7.18	9.62	
Richard, Sarah (FRA) (1998)																	
National FINAL - 2024 Meeting de Paris (Paris, FRA)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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)																	
FINAL - 1999 NCAA Indoor Championships (Indianapolis, IN)												<i>Winckler (2008) - running parameters</i>					
date	06-Mar-99	time		4.33			7.44					7.44	7.44	7 / 6			
reaction time		interval				3.11								# of strides	4.33	3.11	
		velocity		6.93		9.65						8.06	8.06	31.5	6.93	9.65	
Richardson, Marcia (GBR) (1972)																	
B FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
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)																	
FINAL - 2024 Memorial van damme (Brussels, BEL)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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)												<i>Omega Timing (2024) - diamond league race analysis</i>					
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)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					

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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>			
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)														<i>Omega Timing (2024) - diamond league race analysis</i>			
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)														<i>Omega Timing (2023) - diamond league race analysis</i>			
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)														<i>Omega Timing (2023) - diamond league race analysis</i>			
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)														<i>Omega Timing (2023) - diamond league race analysis</i>			
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)														<i>Omega Timing (2022) - diamond league race analysis</i>			
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)														<i>Omega Timing (2022) - diamond league race analysis</i>			
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)														<i>Omega Timing (2022) - diamond league race analysis</i>			
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)														<i>Omega Timing (2021) - diamond league race analysis</i>			
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)														<i>Omega Timing (2021) - diamond league race analysis</i>			
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)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
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)														<i>Omega Timing (2024) - diamond league race analysis</i>			
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

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Robinson, Amber (USA) (1980)																		
Heat 2 - 2008 USA Olympic Trials (Eugene, OR)																		
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)																		
FINAL - 2001 ISTAF (Berlin, GER)																		
date	31-Aug-01	time		3.29	4.34	5.36		7.38		9.39		11.45	11.45	/ Z 6				
reaction time	0.125	interval			1.05	1.02		2.02		2.01		2.06		# of strides	4.34	3.04		
wind	0.5 m/s	velocity		6.08	9.52	9.80		9.90		9.95		9.71	8.73		6.91	9.87		
FINAL - 2001 German National Championships (Stuttgart, GER)																		
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)																		
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)																		
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)																		
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)																		
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)																		
FINAL - 2003 USATF National Junior Championships (Palo Alto, CA)																		
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)																		
A FINAL - 2017 Windsprint (Sundsvall, SWE)																		
date	30-Jul-17	time			4.45		6.56	7.62		9.77		11.96	11.96	4 / 5				
reaction time		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)																		
Heat 4 - 2024 Olympic Games (Paris, FRA)																		
date	02-Aug-24	time	2.12	3.31	4.39	5.45	6.51	7.57	8.66	9.74	10.86	12.02	12.02	3 / 8				
reaction time	0.161	interval		1.19	1.08	1.06	1.06	1.06	1.09	1.08	1.12	1.16		# of strides	4.39	3.18	3.29	
wind	1.2 m/s	velocity	4.72	8.40	9.26	9.43	9.43	9.43	9.17	9.26	8.93	8.62	8.32		49.0	6.83	9.43	9.12
FINAL - 2023 FBK Games (Hengelo, NED)																		
date	04-Jun-23	time	2.00	3.15	4.18	5.18	6.17	7.14	8.13	9.12	10.13	11.18	11.18	8 / 3				
reaction time		interval		1.15	1.03	1.00	0.99	0.97	0.99	0.99	1.01	1.05		# of strides	4.18	2.96	2.99	
wind	-0.1 m/s	velocity	5.00	8.70	9.71	10.00	10.10	10.31	10.10	10.10	9.90	9.52	8.94		49.0	7.18	10.14	10.03
Roseby, Hasani (USA) (1982)																		
Quarter-Final 1 - 2008 USA Olympic Trials (Eugene, OR)																		
date	27-Jun-08	time	2.08	3.20	4.20	5.21	6.19	7.14	8.11	9.18	10.14	11.19	11.19	8 / 6				
reaction time		interval		1.12	1.00	1.01	0.98	0.95	0.97	1.07	0.96	1.05		# of strides	4.20	2.94	3.00	
wind	3.4 m/s	velocity	4.81	8.93	10.00	9.90	10.20	10.53	10.31	9.35	10.42	9.52	8.94		7.14	10.20	10.00	
Heat 5 - 2008 USA Olympic Trials (Eugene, OR)																		
date	27-Jun-08	time	2.05	3.18	4.25	5.22	6.20	7.19	8.17	9.20	10.22	11.29	11.29	3 / 4				
reaction time		interval		1.13	1.07	0.97	0.98	0.99	0.98	1.03	1.02	1.07		# of strides	4.25	2.94	3.03	
wind	2.2 m/s	velocity	4.88	8.85	9.35	10.31	10.20	10.10	10.20	9.71	9.80	9.35	8.86		7.06	10.20	9.90	
Rosius, Rani (BEL) (2000)																		
FINAL - 2024 Memorial van damme (Brussels, BEL)																		
date	13-Sep-24	time	2.08	3.23	4.27	5.27	6.26	7.25	8.26	9.28	10.32	11.37	11.37	9 / 9				
reaction time	0.169	interval		1.15	1.04	1.00	0.99	0.99	1.01	1.02	1.04	1.05		# of strides	4.27	2.98	3.07	

wind	0.2 m/s	velocity	4.81	8.70	9.62	10.00	10.10	10.10	9.90	9.80	9.62	9.52	8.80	51.0	7.03	10.07	9.77	
Heat A - 2024 Weltklasse (Zürich, SUI)													<i>Omega Timing (2024) - diamond league race analysis</i>					
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)													<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
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)													<i>Omega Timing (2023) - diamond league race analysis</i>					
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)													<i>Omega Timing (2020) - diamond league race analysis</i>					
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)																		
FINAL - 2012 Czech Republic National Indoor Championships (Praha, CZE)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
date	25-Feb-12	time	2.11	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)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
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)													<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>					
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)																		
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time		3.67		6.06		8.45		10.89		13.48	13.48	7 / 7				
reaction time	0.216	interval				2.39		2.39		2.44		2.59		# of strides				
wind	-1.7 m/s	velocity		5.45		8.37		8.37		8.20		7.72	7.42					
Rundquist Emilia (SWE) (1988)																		
B FINAL - 2007 Windsprint (Sundsvall, SWE)													<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	24-Jul-07	time		4.65				8.06		10.41		12.87	12.87	1 / 3				
reaction time		interval						3.41		2.35		2.46		# of strides	4.65	3.41		
wind	0.9 m/s	velocity		6.45				8.80		8.51		8.13	7.77		6.45	8.80		
Russel, Carrie (JAM) (1990)																		
A FINAL - 2013 Windsprint (Sundsvall, SWE)													<i>(2013) - www.ssg.se/windsprint/Splittider/</i>					
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)													<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>					
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)													<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>					
date	08-Aug-10	time		4.19				7.18		9.14		11.23	11.23	1 / 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)																		
FINAL - 2021 Shimane High School Championships (Izumo, JPN)													<i>Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis</i>					
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ryemyen, Mariya (UKR) (1987)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)												<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>					
date	03-Mar-13	time	3.11	5.11	7.10							7.11	5 / 2				
reaction time	0.144	interval		2.00	1.99							=PB	# of strides				
wind		velocity	6.43	10.00	10.05							8.44	31.7				
Sackey Mesah, Marion (SWE) (1998)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)												<i>(2016) - www.windsprint/Splittider/</i>					
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)												<i>(2016) - www.windsprint/Splittider/</i>					
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		
Šafriková, Petra (CZE) (1998)																	
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	2.18	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)												<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>					
date	28-Jun-14	time	3.49			5.75						7.95	10.19	12.46	5 / 1		
reaction time	0.176	interval				2.26						2.20	2.24	2.27	# of strides		
wind	-1.4 m/s	velocity	5.73			8.85						9.09	8.93	8.81	8.03		
Safronnikova, Natallia (BLR) (1973)																	
FINAL - 2001 European Cup (Bremen, GER)												<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>					
date	23-Jun-01	time	3.34	4.37	5.36			7.29				9.23	11.26	11.26	1 / 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)												<i>Jung (2003) - http://www.fgs.uni-halle.de</i>					
date	21-Jun-97	time	2.07			4.29			7.28			9.32	11.41	11.41	1 / 3		
reaction time		interval				2.22			2.99			2.04	2.09	# of strides	4.29	2.99	
wind	0.6 m/s	velocity	4.83			4.66			10.03			9.80	9.57	8.76	6.99	10.03	
Safronova, Olga (KAZ) (1991)																	
FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.13	3.30	4.37	5.42	6.46	7.47	8.50	9.53	10.58	11.65	11.65	8 / 8			
reaction time	0.148	interval		1.17	1.07	1.05	1.04	1.01	1.03	1.03	1.05	1.07		# of strides	4.37	3.10	3.11
wind	-0.8 m/s	velocity	4.69	8.55	9.35	9.52	9.62	9.90	9.71	9.71	9.52	9.35	8.58	50.5	6.86	9.68	9.65
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.14	3.32	4.38	5.42	6.43	7.45	8.46	9.48	10.54	11.58	11.58	2 / 2			
reaction time	0.151	interval		1.18	1.06	1.04	1.01	1.02	1.01	1.02	1.06	1.04		# of strides	4.38	3.07	3.09
wind	-0.3 m/s	velocity	4.67	8.47	9.43	9.62	9.90	9.80	9.90	9.80	9.43	9.62	8.64	6.85	9.77	9.71	
Sagi, Mayako (JPN) (2003)																	
FINAL - 2020 Seiko Golden Grand Prix (Tokyo, JPN)												<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>					
date	23-Aug-20	time	2.12	3.33	4.44	5.52	6.59	7.65	8.73	9.82	10.94	12.07	12.07	1 / 8			
reaction time	0.194	interval		1.21	1.11	1.08	1.07	1.06	1.08	1.09	1.12	1.13		# of strides	4.44	3.21	3.29
wind	-0.9 m/s	velocity	4.72	8.26	9.01	9.26	9.35	9.43	9.26	9.17	8.93	8.85	8.29	6.76	9.35	9.12	
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
date	04-Oct-19	time		4.47			6.62					12.12	12.12	9 / 6			
reaction time	0.176	interval				2.15						5.50	# of strides	4.47			
wind	-1.5 m/s	velocity		6.71			3.02					9.09	8.25	52.2	6.71		
FINAL - 2019 Japanese National High School Championships (Okinawa, JPN)												<i>Kota (2019) - 72nd high school champs: JAF scientific committee - biomechanics data</i>					
date	05-Aug-19	time	2.08	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.71	11.82	11.82	7 / 8			
reaction time		interval		1.18	1.09	1.05	1.05	1.04	1.06	1.07	1.09	1.11	PB	# of strides	4.35	3.14	3.22
wind	-0.1 m/s	velocity	4.81	8.47	9.17	9.52	9.52	9.62	9.43	9.35	9.17	9.01	8.46	51.7	6.90	9.55	9.32
Sahlqvist, Esther (SWE) (2006)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.12	3.32	4.41	5.47	6.52	7.56	8.61	9.68	10.77	11.86	11.86	1 / 5			
reaction time	0.146	interval		1.20	1.09	1.06	1.05	1.04	1.05	1.07	1.09	1.09		# of strides	4.41	3.15	3.21

wind -0.3 m/s velocity 4.72 8.33 9.17 9.43 9.52 9.62 9.52 9.35 9.17 9.17 8.43 6.80 9.52 9.35

Sailer, Verena (GER) (1985)

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 8.38 8.38 6 / 2
 reaction time 0.145 interval 2.07 2.07 # 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										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)																			
FINAL - 2020 Shimane High School Championships (Izumo, JPN)																			
<i>Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis</i>																			
date	11-Jul-20	time			4.70							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)																			
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)																			
<i>Shibayama (2021) - national high school and U20 national championships</i>																			
date	29-Jul-21	time	2.04	3.24	4.33	5.39	6.44	7.49	8.56	9.63		7.49	8.56	9.63	10.72	11.83	11.83	8 / 5	
reaction time	0.147	interval		1.20	1.09	1.06	1.05	1.05	1.07	1.07	1.09	1.11	PB	# of strides	4.33	3.16	3.23		
wind	-0.2 m/s	velocity	4.90	8.33	9.17	9.43	9.52	9.52	9.35	9.35	9.17	9.01	8.45	52.2	6.93	9.49	9.29		
Sakimura, Wakana (JPN) (2005)																			
FINAL - 2022 Japanese National High School Championships (Naruto, JPN)																			
<i>Kishima (2022) - national high school championships biomechanics data collection</i>																			
date	04-Aug-22	time	2.10	3.28	4.37	5.42	6.47	7.52	8.60	9.70	10.83		7.52	8.60	9.70	10.83	11.98	7 / 3	
reaction time		interval		1.18	1.09	1.05	1.05	1.05	1.08	1.10	1.13	1.15	# of strides	4.37	3.15	3.31			
wind	-0.6 m/s	velocity	4.76	8.47	9.17	9.52	9.52	9.52	9.26	9.09	8.85	8.70	8.35	54.2	6.86	9.52	9.06		
Saku, Kageyama (JPN) (2002)																			
U20 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)																			
<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>																			
date	04-Oct-19	time			4.35	6.53							12.01	12.01	4 / 2				
reaction time	0.155	interval				2.18							5.48	# of strides	4.35				
wind	-1.5 m/s	velocity			6.90	3.06							9.12	8.33	55.0	6.90			
Salahub, Natalia (BLR) (1975)																			
C FINAL - 2001 European Cup (Bremen, GER)																			
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																			
date	23-Jun-01	time			3.29	4.36	5.40						7.46	9.58	11.75	11.75	1 / 4		
reaction time	0.147	interval				1.07	1.04						2.06	2.12	2.17	# of strides	4.36	3.10	
wind	-0.2 m/s	velocity			6.08	9.35	9.62						9.71	9.43	9.22	8.51	6.88	9.68	
Samuel, Jamile (NED) (1992)																			
B FINAL - Heat 2 - 2022 Athletissima (Lausanne, SUI)																			
<i>Omega Timing (2022) - diamond league race analysis</i>																			
date	26-Aug-22	time			3.2	5.3							7.4	9.4	11.56	11.56	6 / 1		
reaction time	0.172	interval				2.10							2.10	2.00	2.16	# of strides			
wind	-2.7 m/s	velocity			6.25	9.52							9.52	10.00	9.26	8.65			
Samuelsson, Jessica (SWE) (1985)																			
Heat 2 - 2016 Windsprint (Sundsvall, SWE)																			
<i>(2016) - www.windsprint/Splittider/</i>																			
date	31-Jul-16	time			4.58								7.85		12.36	12.36	3 / 1		
reaction time		interval											3.27		4.51	PB	# of strides	4.58	3.27
wind	1.8 m/s	velocity			6.55								9.17		8.87	8.09	6.55	9.17	
Sandgren, Jenni (SWE) (1998)																			
B FINAL - 2016 Windsprint (Sundsvall, SWE)																			
<i>(2016) - www.windsprint/Splittider/</i>																			
date	31-Jul-16	time			4.68								8.02		12.66	12.66	3 / 2		
reaction time		interval											3.34		4.64	# 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)																			
<i>(2016) - www.windsprint/Splittider/</i>																			
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)																			
B FINAL - 2013 Windsprint (Sundsvall, SWE)																			
<i>(2013) - www.ssg.se/windsprint/Splittider/</i>																			
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)																			
<i>(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx</i>																			
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)																			
<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>																			
date	08-Aug-10	time			4.50								7.75	9.94	12.23	12.23	1 / 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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Sano, Fuyumi (JPN) (1989)																	
FINAL - 2007 Japanese National High School Championships (Saga, JPN)		<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>															
date	03-Aug-07	time	3.32	4.45	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)																	
Heat 3 - 2012 Mikio Oda Memorial (Hiroshima, JPN)		<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>															
date	29-Apr-12	time	2.06	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)		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>															
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)		<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>															
date	29-Apr-10	time	2.08	3.23	4.30	5.34	6.36	7.38	8.41	9.45	10.52	11.59	11.59	1 / 4			
reaction time		interval		1.15	1.07	1.04	1.02	1.02	1.03	1.04	1.07	1.07	PB	# of strides	4.30	3.08	3.14
wind	1.7 m/s	velocity	4.81	8.70	9.35	9.62	9.80	9.80	9.71	9.62	9.35	9.35	8.63	52.9	6.98	9.74	9.55
Semi-Final 1 - 2009 Japanese National Championships (Hiroshima, JPN)		<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>															
date	28-Jun-09	time	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)																	
FINAL - 2017 IAAF World Championships (London, GBR)		<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>															
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)																	
Semi-Final 2 - 1988 Olympic Games (Seoul, KOR)		<i>Brügemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>															
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)		<i>Sušanka (1987) - hints on computer processing of biomechanical data</i>															
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)		<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>															
date	30-Jul-16	time	3.19	4.37	5.44	6.51	7.60	8.68	9.77		12.03	12.03	1 / 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)		<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>															
date	07-Oct-17	time	2.07	3.25	4.33	5.39	6.44	7.49	8.54	9.61	10.69	11.79	11.79	1 / 3			
reaction time	0.170	interval		1.18	1.08	1.06	1.05	1.05	1.05	1.07	1.08	1.10	PB	# of strides	4.33	3.16	3.20
wind	0.5 m/s	velocity	4.83	8.47	9.26	9.43	9.52	9.52	9.52	9.35	9.26	9.09	8.48	54.1	6.93	9.49	9.38
FINAL - 2014 Japanese National High School Championships (Kofu, JPN)		<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>															
date	31-Jul-14	time	2.06	3.27	4.39	5.48	6.55	7.64	8.73	9.83	10.94	12.07	12.07	1 / 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)		<i>Shibayama (2021) - national high school and U20 national championships</i>															
date	29-Jul-21	time	2.10	3.29	4.37	5.42	6.46	7.50	8.55	9.62	10.71	11.81	11.81	4 / 4			
reaction time	0.135	interval		1.19	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.10		# of strides	4.37	3.13	3.21
wind	-0.2 m/s	velocity	4.76	8.40	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.09	8.47	53.0	6.86	9.58	9.35
Sato, Serika (JPN) (2000)																	
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)		<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>															

date	30-Jul-17	time	4.40			7.69			11.09	12.28	12.28	7 / 4			
reaction time	0.205	interval				3.29			3.40	1.19		# of strides	4.40	3.29	3.40
wind	-3.0 m/s	velocity	6.82			9.12			8.82	8.40	8.14		6.82	9.12	8.82

FINAL - 2016 Japanese National High School Championships (Okayama, JPN) <i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>															
date	30-Jul-16	time	3.19	4.38	5.47	6.56	7.67	8.76	9.87		12.17	12.17	/ 4		
reaction time	0.162	interval		1.19	1.09	1.09	1.11	1.09	1.11		2.30		# of strides	4.38	3.29
wind	1.6 m/s	velocity	6.27	8.40	9.17	9.17	9.01	9.17	9.01		8.70	8.22		6.85	9.12

Satou, Aoi (JPN) (2004)																	
FINAL - 2022 Japanese National High School Championships (Naruto, JPN) <i>Kishima (2022) - national high school championships biomechanics data collection</i>																	
date	04-Aug-22	time	2.12	3.33	4.43	5.50	6.56	7.63	8.71	9.81	10.94	12.08	12.08	8 / 5			
reaction time	0.162	interval		1.21	1.10	1.07	1.06	1.07	1.08	1.10	1.13	1.14		# of strides	4.43	3.20	3.31
wind	-0.6 m/s	velocity	4.72	8.26	9.09	9.35	9.43	9.35	9.26	9.09	8.85	8.77	8.28	51.7	6.77	9.38	9.06

FINAL - 2021 Japanese High School National Championships (Fukui, JPN) <i>Shibayama (2021) - national high school and U20 national championships</i>																	
date	29-Jul-21	time	2.18	3.38	4.46	5.51	6.55	7.59	8.64	9.71	10.80	11.91	11.91	1 / 7			
reaction time	0.205	interval		1.20	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.11		# of strides	4.46	3.13	3.21
wind	-0.2 m/s	velocity	4.59	8.33	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.40	51.0	6.73	9.58	9.35

Sawatani, Yuzuka (JPN) (1999)															
FINAL - 2016 Japanese National High School Championships (Okayama, JPN) <i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>															
date	30-Jul-16	time	3.28	4.49	5.60	6.69	7.78	8.90	10.04		12.39	12.39	/ 8		
reaction time		interval		1.21	1.11	1.09	1.09	1.12	1.14		2.35		# of strides	4.49	3.29
wind	1.6 m/s	velocity	6.10	8.26	9.01	9.17	9.17	8.93	8.77		8.51	8.07		6.68	9.12

Schielke, Sina (GER) (1981)															
Semi-Final 1 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	07-Aug-02	time	3.23	4.28	5.30		7.30		9.35		11.48	11.48	/ 6		
reaction time	0.149	interval		1.05	1.02		2.00		2.05		2.13		# of strides	4.28	3.02
wind	0.0 m/s	velocity	6.19	9.52	9.80		10.00		9.76		9.39	8.71		7.01	9.93

Heat 2 - 2002 European Championships (Munich, GER) <i>Graubner (2009) - http://www.fgs.uni-halle.de</i>															
date	06-Aug-02	time	3.22	4.28	5.30		7.32		9.38		11.53	11.53	/ 3		
reaction time	0.140	interval		1.06	1.02		2.02		2.06		2.15		# of strides	4.28	3.04
wind	0.7 m/s	velocity	6.21	9.43	9.80		9.90		9.71		9.30	8.67		7.01	9.87

Schippers, Dafne (NED) (1992)															
FINAL - 2022 FBK Games (Hengelo, NED) <i>Omega Timing (2022) - continental tour race analysis</i>															
date	06-Jun-22	time	3.2		5.2		7.2		9.2		11.40	11.40	5 / 5		
reaction time	0.130	interval			2.00		2.00		2.00		2.20		# of strides		
wind	0.8 m/s	velocity	6.25		10.00		10.00		10.00		9.09	8.77		49.0	

FINAL - 2019 Memorial van Damme (Brussels, BEL) <i>Omega Timing (2019) - diamond league race analysis</i>															
date	06-Sep-19	time	3.3		5.3		7.2		9.2		11.22	11.22	3 / 4		
reaction time	0.155	interval			2.0		1.9		2.0		2.02		# of strides		
wind	-0.3 m/s	velocity	6.06		10.00		10.53		10.00		9.90	8.91		48.0	

FINAL - 2019 Meeting de Paris (Paris, FRA) <i>Omega Timing (2019) - diamond league race analysis</i>															
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) <i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>																	
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) <i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
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)															
FINAL - 2010 German National Junior Championships (Ulm, GER) <i>Graubner (2010) - http://www.fgs.uni-halle.de</i>															
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)															
FINAL - 1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR) <i>Heß (1978) - geschwindigkeitsdynamik von sprintern 100m-lauf beir wettkampflaufen olympiazyklus 73/76</i>															

date	29-May-76	time	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](http://commonwealthgamesraceanalysis.com)

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](http://finalreportfromtheu18u20czechrepublicnationalchampionships.com)

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](http://continentalourgoldraceanalysis.com)

date	07-Jul-24	time	2.14	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	1.06	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](http://diamondleaguereaceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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](http://raceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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](http://continentalourgoldraceanalysis.com)

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](http://diamondleaguereaceanalysis.com)

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) <i>Omega Timing (2022) - diamond league race analysis</i>																		
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) <i>Omega Timing (2022) - continental tour race analysis</i>																		
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)																		
FINAL - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																		
date	15-Jun-13	time	2.19	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	1.06	1.08	1.11	1.12			# of strides				
wind	-0.2 m/s	velocity	4.57	9.01	9.26	9.80	9.62	9.43	9.26	9.01	8.93	8.44		4.38	3.10	3.25		
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE) <i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>																		
date	15-Jun-13	time	3.28	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)																		
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE) <i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																		
date	28-Jun-14	time	2.32	3.58	4.75	5.90	7.05	8.23	9.40	10.61	11.82	13.06	13.06	8 / 7				
reaction time	0.211	interval		1.26	1.17	1.15	1.15	1.18	1.17	1.21	1.21	1.24		# of strides				
wind	-6.4 m/s	velocity	4.31	7.94	8.55	8.70	8.70	8.47	8.55	8.26	8.26	8.06	7.66		4.75	3.48	3.59	
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE) <i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>																		
date	28-Jun-14	time	3.50	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)																		
FINAL - 2019 Fuse Sprint (Tottori, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	02-Jun-19	time	2.04	3.24	4.33	5.39	6.44	7.49	8.55	9.64	10.75	11.90	11.90	6 / 6				
reaction time	0.137	interval		1.20	1.09	1.06	1.05	1.05	1.06	1.09	1.11	1.15		# of strides				
wind	-2.2 m/s	velocity	4.90	8.33	9.17	9.43	9.52	9.52	9.43	9.17	9.01	8.70	8.40		54.6	6.93	9.49	9.20
FINAL - 2019 Seiko Golden Grand Prix (Osaka, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	19-May-19	time	2.03	3.23	4.34	5.41	6.47	7.54	8.62	9.72	10.83	11.98	11.98	6 / 7				
reaction time	0.151	interval		1.20	1.11	1.07	1.06	1.07	1.08	1.10	1.11	1.15		# of strides				
wind	-2.2 m/s	velocity	4.93	8.33	9.01	9.35	9.43	9.35	9.26	9.09	9.01	8.70	8.35		54.7	6.91	9.38	9.12
FINAL - 2019 Mikio Oda Memorial (Hiroshima, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	28-Apr-19	time	2.08	3.27	4.36	5.42	6.47	7.51	8.57	9.63	10.72	11.83	11.83	1 / 6				
reaction time		interval		1.19	1.09	1.06	1.05	1.04	1.06	1.06	1.09	1.11		# of strides				
wind	1.9 m/s	velocity	4.81	8.40	9.17	9.43	9.52	9.62	9.43	9.43	9.17	9.01	8.45		54.5	6.88	9.52	9.35
FINAL - 2018 National Sports Festival (Fukui, JPN) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
date	06-Oct-18	time	2.01	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				
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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				
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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				
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) <i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>																		
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				
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)														<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>						
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)														<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>						
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)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>						
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)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>						
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)														<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>						
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)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>						
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)														<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>						
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)														<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>						
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)														<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>						
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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
Heat 2 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
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)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
Heat 2 - 2024 Olympic Games (Paris, FRA)														<i>Paris 2024 Olympic Games - Results Book (2024)</i>						
date	02-Aug-24	time	2.12	3.33	4.45	5.53	6.60	7.69	8.79	9.89	11.00	12.15	12.15	3 / 9						
reaction time	0.174	interval		1.21	1.12	1.08	1.07	1.09	1.10	1.10	1.11	1.15		# of strides	4.45	3.24	3.31			
wind	-0.8 m/s	velocity	4.72	8.26	8.93	9.26	9.35	9.17	9.09	9.09	9.01	8.70	8.23		50.2	6.74	9.26	9.06		
Setoguchi, Nagisa (JPN) (1979)														<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>						
B FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)														<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>						
date	06-Jul-08	time	2.09	3.26	4.34	5.40	6.44	7.50	8.57	9.66	10.78	11.93	11.93	/ 1						
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)														<i>European Athletics (2019) - race analysis</i>						
FINAL - 2019 The Match - Europe v USA (Minsk, BLR)														<i>European Athletics (2019) - race analysis</i>						

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 Olympic 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 / 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 # 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)

date	31-Jul-16	time	4.50			7.69		12.06	12.06	(2016) - www.windsprint/Splittider/
reaction time		interval				3.19		4.37		6 / 5
wind	2.0 m/s	velocity	6.67			9.40		9.15	8.29	# of strides
										4.50 3.19
										6.67 9.40

Heat 1 - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time	4.49			7.69		12.07	12.07	(2016) - www.windsprint/Splittider/
reaction time		interval				3.20		4.38		2 / 4
wind	-0.3 m/s	velocity	6.68			9.38		9.13	8.29	# of strides
										4.49 3.20
										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)																
date	26-Jul-15	time				8.05		10.34		12.64	12.64	7 / 6				(2015) - www.windsprint/Splittider/
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)																
date	25-Feb-12	time	2.26	3.53	4.67	5.79	6.89	8.02			8.02	8 / 7				<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>
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)

date	25-Feb-12	time	2.25	3.49	4.64	5.76	6.85	7.95			7.95	6 / 4				<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>
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)																
date	17-Jun-12	time				4.32		7.40		9.49	11.65	11.65	4 / 2			(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx
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)

date	31-Jul-11	time				4.38		7.52		9.64	11.89	11.89	3 / 6			(2011) - www.ssg.se/en/Windsprint/Split-times/
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)

date	25-Jul-09	time				4.39		7.52		9.63	11.85	11.85	1 / 5			(2009) - www.ssg.se/en/Windsprint/Split-times/
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)

date	06-Jul-08	time				4.42		7.57		9.70	11.90	11.90	7 / 7			(2008) - www.ssg.se/en/Windsprint/Split-times/
reaction time		interval						3.15		2.13	2.20	# of strides	4.42	3.15		
wind	1.0 m/s	velocity				6.79		9.52		9.39	9.09	8.40	6.79	9.52		

Slavetinská, Karolína (CZE) (1997)

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)																
date	28-Jun-14	time				3.62		5.99		8.32	10.68	13.15	13.15	6 / 5		<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>
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			

Sløttum, 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)																
date	26-Jul-15	time				4.51		7.66		9.78	11.95	11.95	2 / 5			(2015) - www.windsprint/Splittider/
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)

date	20-Jul-14	time				4.59		7.77		9.88	12.04	12.04	6 / 6			(2014) - www.ssg.se/windsprint/Splittider/
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)

date	28-Jul-13	time				4.56		7.66		9.73	11.85	11.85	4 / 3			(2013) - www.ssg.se/windsprint/Splittider/
reaction time		interval						3.10		2.07	2.12	# of strides	4.56	3.10		

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
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Sönnerfors, Marie (SWE) (1993)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)																	
<i>(2016) - www.windsprint/Splittider/</i>																	
date	31-Jul-16	time	4.64			7.94					12.45	12.45	4 / 1				
reaction time	interval					3.30					4.51	# of strides					
wind	1.3 m/s	velocity	6.47			9.09					8.87	8.03	6.47 9.09				
Heat 2 - 2016 Windsprint (Sundsvall, SWE)																	
<i>(2016) - www.windsprint/Splittider/</i>																	
date	31-Jul-16	time	4.64			7.96					12.54	12.54	4 / 3				
reaction time	interval					3.32					4.58	# of strides					
wind	1.8 m/s	velocity	6.47			9.04					8.73	7.97	6.47 9.04				
B FINAL - 2014 Windsprint (Sundsvall, SWE)																	
<i>(2014) - www.ssg.se/windsprint/Splittider/</i>																	
date	20-Jul-14	time	4.57			7.80		9.99			12.23	12.23	3 / 5				
reaction time	interval					3.23		2.19			2.24	# of strides					
wind	2.3 m/s	velocity	6.56			9.29		9.13			8.93	8.18	6.56 9.29				
C FINAL - 2013 Windsprint (Sundsvall, SWE)																	
<i>(2013) - www.ssg.se/windsprint/Splittider/</i>																	
date	28-Jul-13	time	4.59			7.88		10.12			12.43	12.43	1 / 7				
reaction time	interval					3.29		2.24			2.31	# of strides					
wind	-0.1 m/s	velocity	6.54			9.12		8.93			8.66	8.05	6.54 9.12				
C FINAL - 2011 Windsprint (Sundsvall, SWE)																	
<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>																	
date	31-Jul-11	time	4.48			7.78		9.96			12.20	12.20	3 / 1				
reaction time	interval					3.30		2.18			2.24	# of strides					
wind	1.2 m/s	velocity	6.70			9.09		9.17			8.93	8.20	6.70 9.09				
Sonneville, Camille (BEL) (2006)																	
U18 FINAL - 2023 Memorial van Damme (Brussels, BEL)																	
<i>Omega Timing (2023) - diamond league race analysis</i>																	
date	08-Sep-23	time	2.09	3.30	4.40	5.46	6.52	7.57	8.65	9.74	10.85	11.99	11.99	3 / 2			
reaction time	0.144	interval	1.21		1.10	1.06	1.06	1.05	1.08	1.09	1.11	1.14	# of strides				
wind	0.4 m/s	velocity	4.78	8.26	9.09	9.43	9.43	9.52	9.26	9.17	9.01	8.77	8.34	6.82 9.46 9.15			
Soukalová, Veronika (CZE) (1989)																	
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)																	
<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>																	
date	15-Jun-13	time	3.31			5.52		7.71			9.98	12.26	12.26	7 / 6			
reaction time	0.157	interval				2.21		2.19			2.27	2.28	# of strides				
wind	-1.3 m/s	velocity	6.04			9.05		9.13			8.81	8.77	8.16				
Soumaré, Myriam (FRA) (1986)																	
FINAL - 2013 European Indoor Championships (Göteborg, SWE)																	
<i>Blomkvist (2013) - www.elitandslag.se/SprintHäck/KortSprint.aspx</i>																	
date	03-Mar-13	time	3.11			5.14		7.11			7.11			4 / 3			
reaction time	0.159	interval				2.03		1.97			# of strides						
		velocity	6.43			9.85		10.15			8.44 34.0						
Heat 5 - 2009 IAAF World Championships (Berlin, GER)																	
<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>																	
date	16-Aug-09	time	3.16	4.21	5.22	7.27			9.31	11.45	11.45	6 / 3					
reaction time	0.150	interval	1.05		1.01	2.05			2.04	2.14	# of strides						
wind	-0.7 m/s	velocity	6.33	9.52	9.90	9.76			9.80	9.35	8.73 7.13 9.80						
Sowe, Fatou (GAM) (1993)																	
FINAL - 2020 Bauhaus Galan (Stockholm, SWE)																	
<i>Omega Timing (2020) - diamond league race analysis</i>																	
date	23-Aug-20	time	3.3			5.3		7.4			9.4	11.53	11.53	1 / 8			
reaction time	0.140	interval				2.00		2.10			2.00	2.13	PB	# of strides			
wind	1.3 m/s	velocity	6.06			10.00		9.52			10.00	9.39	8.67	50.5			
Sprunger, Ellen (SUI) (1986)																	
FINAL - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																	
date	27-Feb-16	time	4.44			7.56			7.56				1 / 5				
reaction time	interval					3.12			7.94				# of strides				
		velocity	6.76			9.62			7.94				31.6 6.76 9.62				
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)																	
<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>																	
date	27-Feb-16	time	4.45			7.62			7.62				1 / 3				
reaction time	interval					3.17			7.87				# of strides				
		velocity	6.74			9.46			7.87				6.74 9.46				
Stankevich, Yekaterina (BLR) (1977)																	
C FINAL - 2001 European Cup (Bremen, GER)																	
<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>																	
date	23-Jun-01	time	3.40	4.50	5.56	7.65			9.81		12.04	12.04	1 / 8				

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	1/4											
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
Omega Timing (2023) - continental tour race analysis

FINAL - 2023 FBK Games (Hengelo, NED)																	
date	04-Jun-23	time	2.03	3.17	4.20	5.20	6.18	7.15	8.14	9.14	10.15	11.20	11.20	2 / 4			
reaction time		interval		1.14	1.03	1.00	0.98	0.97	0.99	1.00	1.01	1.05		# of strides	4.20	2.95	3.00
wind	-0.1 m/s	velocity	4.93	8.77	9.71	10.00	10.20	10.31	10.10	10.00	9.90	9.52	8.93	51.0	7.14	10.17	10.00

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

Sturrrup, 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	1 / 4		
reaction time	0.198	interval		1.03	0.99	1.94	1.99	2.03		# of strides	4.23	2.93
wind	0.1 m/s	velocity	6.25	9.71	10.10	10.31	10.05	9.85	8.94	7.09	10.24	

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 / 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
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Suda, Saori (JPN) (1986)																	
Heat 1 - 2008 Mikio Oda Memorial (Hiroshima, JPN)		<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>															
date	29-Apr-08	time	2.10	3.27	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)																	
FINAL - 2011 Japanese National High School Championships (Kitakami, JPN)		<i>(2011) - 64th high school championships: JAF scientific committee - biomechanics data collection</i>															
date	04-Aug-11	time				6.64	7.71	8.80	9.88	11.00	12.15	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)																	
Heat 6 - 2017 Fuse Sprint (Fuse, JPN)		<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>															
date	04-Jun-17	time	2.04	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)																	
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)		<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>															
date	28-Jun-14	time		3.49	5.80	8.05	10.35	12.76	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)																	
FINAL - 2021 Japanese High School National Championships (Fukui, JPN)		<i>Shibayama (2021) - national high school and U20 national championships</i>															
date	29-Jul-21	time	2.06	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	9.35	9.09	8.93	8.53	56.0	6.98	9.68	9.35	
Sumi, Yoshiko (JPN)																	
A FINAL - 2020 Japanese High School National Championships (Hiroshima, JPN)		<i>Kobayashi (2020) - national high school and U20 national championships</i>															
date	24-Oct-20	time	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)																	
B FINAL - 2016 Windsprint (Sundsvall, SWE)		<i>(2016) - www.windsprint/Splittider/</i>															
date	31-Jul-16	time		4.80	8.31	13.26	13.26	2 / 5									
reaction time		interval			3.51	4.95		# of strides	4.80	3.51							
wind	1.3 m/s	velocity		6.25	8.55	8.08	7.54	6.25	8.55								
Heat 2 - 2016 Windsprint (Sundsvall, SWE)		<i>(2016) - www.windsprint/Splittider/</i>															
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)		<i>(2014) - www.ssg.se/windsprint/Splittider/</i>															
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)		<i>(2013) - www.ssg.se/windsprint/Splittider/</i>															
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)		<i>(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>															
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)		<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>															
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)		<i>(2009) - www.ssg.se/en/Windsprint/Split-times/</i>															
date	25-Jul-09	time		4.74	8.15	10.43	12.80	12.80	/ 3								

reaction time	0.169	interval	1.23	0.91	0.98	0.97	0.95	0.95	0.97	0.98	1.01		# of strides	4.16	2.90	2.90	
wind	-0.4 m/s	velocity	4.95	8.13	10.99	10.20	10.31	10.53	10.53	10.31	10.20	9.90	9.12	51.0	7.21	10.34	10.34
FINAL - 2022 Weltklasse (Zürich, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	08-Sep-22	time	3.16		5.16		7.06		8.97		10.91	10.91	6 / 3				
reaction time	0.194	interval			2.00		1.90		1.91		1.94		# of strides				
wind	-0.8 m/s	velocity	6.33		10.00		10.53		10.47		10.31	9.17	50.2				
FINAL - 2022 Memorial van Damme (Brussels, BEL)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	02-Sep-22	time	3.14		5.11		6.99		8.86		10.78	10.78	6 / 3				
reaction time	0.181	interval			1.97		1.88		1.87		1.92		# of strides				
wind	0.6 m/s	velocity	6.37		10.15		10.64		10.70		10.42	9.28	50.5				
FINAL - 2022 Athletissima (Lausanne, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	26-Aug-22	time	3.13		5.14		7.03		8.93		10.89	10.89	3 / 3				
reaction time	0.169	interval			2.01		1.89		1.90		1.96		# of strides				
wind	0.0 m/s	velocity	6.39		9.95		10.58		10.53		10.20	9.18	50.7				
FINAL - 2022 Herculis Meeting International d'Athlétisme (Monaco, MON)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	10-Aug-22	time	3.13		5.08		6.94		8.83		10.72	10.72	7 / 3				
reaction time	0.176	interval			1.95		1.86		1.89		1.89	NR PB	# of strides				
wind	0.4 m/s	velocity	6.39		10.26		10.75		10.58		10.58	9.33	50.7				
FINAL - 2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	06-Aug-22	time	3.14		5.14		7.06		8.99		11.00	11.00	4 / 3				
reaction time	0.172	interval			2.00		1.92		1.93		2.01		# of strides				
wind	0.5 m/s	velocity	6.37		10.00		10.42		10.36		9.95	9.09	51.5				
FINAL - 2022 Meeting de Paris (Paris, FRA)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	18-Jun-22	time	3.17		5.16		7.08		9.02		11.01	11.01	4 / 3				
reaction time	0.185	interval			1.99		1.92		1.94		1.99		# of strides				
wind	0.5 m/s	velocity	6.31		10.05		10.42		10.31		10.05	9.08	51.7				
FINAL - 2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	05-Jun-22	time	3.16		5.18		7.11		9.03		11.04	11.04	6 / 2				
reaction time	0.177	interval			2.02		1.93		1.92		2.01		# of strides				
wind	0.3 m/s	velocity	6.33		9.90		10.36		10.42		9.95	9.06	52.0				
FINAL - 2022 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2022) - diamond league race analysis</i>				
date	28-May-22	time	3.16		5.22		7.15		9.07		11.07	11.07	9 / 6				
reaction time	0.141	interval			2.06		1.93		1.92		2.00		# of strides				
wind	0.7 m/s	velocity	6.33		9.71		10.36		10.42		10.00	9.03	51.5				
FINAL - 2021 Weltklasse (Zürich, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	09-Sep-21	time	3.2		5.2		7.2		9.1		11.22	11.22	7 / 8				
reaction time	0.157	interval			2.00		2.00		1.90		2.12		# of strides				
wind	0.6 m/s	velocity	6.25		10.00		10.00		10.53		9.43	8.91	50.0				
FINAL - 2021 Athletissima (Lausanne, SUI)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	26-Aug-21	time	3.2		5.2		7.1		9.0		10.84	10.84	3 / 4				
reaction time	0.166	interval			2.00		1.90		1.90		1.84		# of strides				
wind	1.7 m/s	velocity	6.25		10.00		10.53		10.53		10.87	9.23	51.0				
FINAL - 2021 Prefontaine Classic (Eugene, OR)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	21-Aug-21	time	3.2		5.2		7.1		9.0		10.90	10.90	7 / 5				
reaction time	0.136	interval			2.00		1.90		1.90		1.90		# of strides				
wind	0.9 m/s	velocity	6.25		10.00		10.53		10.53		10.53	9.17	50.7				
FINAL - 2020 Olympic Games (Tokyo, JPN)													<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>				
date	31-Jul-21	time	4.09				6.96		8.91		10.91	10.91	6 / 4				
reaction time	0.158	interval					2.87		3.95		2.00		# of strides	4.09	2.87		
wind	-0.6 m/s	velocity	7.33				10.45		5.06		10.00	9.17	50.2	7.33	10.45		
FINAL - 2021 Doha Diamond League (Doha, QAT)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	28-May-21	time	3.2		5.2		7.1		9.1		11.12	11.12	4 / 4				
reaction time	0.147	interval			2.00		1.90		2.00		2.02		# of strides				
wind	1.1 m/s	velocity	6.25		10.00		10.53		10.00		9.90	8.99	51.0				
Heat 1 - 2021 Müller Grand Prix (Gateshead, GBR)													<i>Omega Timing (2021) - diamond league race analysis</i>				
date	23-May-21	time	3.0		5.0		7.1		9.2		11.58	11.58	4 / 2				
reaction time	0.147	interval			2.00		2.10		2.10		2.38		# of strides				

wind	-4.2 m/s	velocity	6.67	10.00	9.52	9.52	8.40	8.64	49.2										
FINAL - 2020 Golden Gala Pietro Mennea (Rome, ITA)										<i>Omega Timing (2020) - diamond league race analysis</i>									
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)										<i>Omega Timing (2020) - diamond league race analysis</i>									
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)										<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>									
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)										<i>Omega Timing (2019) - diamond league race analysis</i>									
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)										<i>Omega Timing (2019) - diamond league race analysis</i>									
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)										<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>									
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)										<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>									
FINAL - 2001 ISTAF (Berlin, GER)																			
date	31-Aug-01	time	3.28	4.33	5.34		7.33		9.36		11.46	11.46	1 / 7						
reaction time	0.169	interval		1.05	1.01		1.99		2.03		2.10		# of strides	4.33	3.00				
wind	0.5 m/s	velocity	6.10	9.52	9.90		10.05		9.85		9.52	8.73		6.93	10.00				
Táborská, Monika (CZE) (1988)										<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>									
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)																			
date	15-Jun-13	time	2.18	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)										<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>									
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)										<i>Fehér (2012) - Czech Republic indoor national championships - women's 60m</i>									
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)										<i>Fehér (2012) - Czech Republic indoor national championships - women's 60m</i>									
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)										<i>Fehér (2012) - Czech Republic indoor national championships - women's 60m</i>									
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)										<i>Abe (2008) - 61st high school championships: JAF scientific committee- biomechanics data</i>									
FINAL - 2008 Japanese National High School Championships (Kumagaya, JPN)																			
date	30-Jul-08	time	2.10	3.29	4.39	5.45	6.50	7.56	8.63	9.72	10.83	11.96	11.96	1 / 6					
reaction time		interval		1.19	1.10	1.06	1.05	1.06	1.07	1.09	1.11	1.13		# of strides	4.39	3.17	3.27		
wind	0.4 m/s	velocity	9.52	8.40	9.09	9.43	9.52	9.43	9.35	9.17	9.01	8.85	8.36		6.83	9.46	9.17		
Takács, Boglárka (HUN) (2001)																			

date	29-Apr-11	time	2.12	3.29	4.36	5.38	6.38	7.37	8.36	9.36	10.38	11.41	11.41	1 / 4			
reaction time		interval		1.17	1.07	1.02	1.00	0.99	0.99	1.00	1.02	1.03		# of strides	4.36	3.01	3.01
wind	2.6 m/s	velocity	4.72	8.55	9.35	9.80	10.00	10.10	10.10	10.00	9.80	9.71	8.76	57.2	6.88	9.97	9.97
FINAL - 2010 Mikio Oda Memorial (Hiroshima, JPN)			<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>														
date	29-Apr-10	time	2.08	3.24	4.30	5.32	6.32	7.31	8.30	9.29	10.31	11.35	11.35	/ 2			
reaction time		interval		1.16	1.06	1.02	1.00	0.99	0.99	0.99	1.02	1.04		# of strides	4.30	3.01	3.00
wind	1.7 m/s	velocity	4.81	8.62	9.43	9.80	10.00	10.10	10.10	10.10	9.80	9.62	8.81	49.9	6.98	9.97	10.00
A FINAL - 2009 Mikio Oda Memorial (Hiroshima, JPN)			<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>														
date	29-Apr-09	time	2.06	3.22	4.27	5.29	6.27	7.26	8.23	9.22	10.22	11.40	11.40	/ 2			
reaction time		interval		1.16	1.05	1.02	0.98	0.99	0.97	0.99	1.00	1.18		# of strides	4.27	2.99	2.96
wind	2.2 m/s	velocity	4.85	8.62	9.52	9.80	10.20	10.10	10.31	10.10	10.00	8.47	8.77	7.03	10.03	10.14	
FINAL - 2008 Nambu Chuhei Memorial (Hakodate, JPN)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
date	06-Jul-08	time	2.14	3.31	4.37	5.40	6.40	7.40	8.41	9.44	10.49	11.55	11.55	/ 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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
date	06-Jul-08	time	2.13	3.31	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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
date	29-Apr-08	time	2.10	3.17	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)			<i>Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles</i>														
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)			<i>Matsuo (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>														
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)			<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>														
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)			<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>														
date	05-May-07	time	2.14	3.32	4.39	5.42	6.44	7.45	8.47	9.51	10.57	11.65	11.65	/ 5			
reaction time		interval		1.18	1.07	1.03	1.02	1.01	1.02	1.04	1.06	1.08		# of strides	4.39	3.06	3.12
wind	0.7 m/s	velocity	4.67	8.47	9.35	9.71	9.80	9.90	9.80	9.62	9.43	9.26	8.58	6.83	9.80	9.62	
Takahashi, Yuka (JPN) (1991)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2007 Japanese National High School Championships (Saga, JPN)			<i>Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data</i>														
date	03-Aug-07	time		3.32	4.43	5.49	6.55	7.62	8.71	9.81	10.91	12.06	12.06	8 / 6			
reaction time		interval			1.11	1.06	1.06	1.07	1.09	1.10	1.10	1.15		# of strides	4.43	3.19	3.29
wind	1.3 m/s	velocity		6.02	9.01	9.43	9.43	9.35	9.17	9.09	9.09	8.70	8.29	6.77	9.40	9.12	
Takamori, Maho (JPN) (1996)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 2012 Japanese National High School Championships (Niigata, JPN)			<i>Yasunori (2012) - 65th high school championships: JAF scientific committee- biomechanics</i>														
date	30-Jul-12	time					6.59	7.61	8.70	9.80	10.92	12.07	12.07	6 / 5			
reaction time		interval						1.02	1.09	1.10	1.12	1.15		# of strides			3.31
wind	-0.3 m/s	velocity					7.59	9.80	9.17	9.09	8.93	8.70	8.29				9.06
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)			<i>Kobayashi (2020) - national high school and U20 national championships</i>														
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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Takenaka, Hikaru (JPN) (1993)																	
FINAL - 2010 Japanese National High School Championships (Okinawa, JPN)												<i>Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics</i>					
date	30-Jul-10	time	2.13	3.37	5.62	6.72	7.84	8.96	10.07	11.21	12.38	12.38	7 / 3				
reaction time		interval		1.24	2.25	1.10	1.12	1.12	1.11	1.14	1.17		# of strides			3.34	
wind	-3.2 m/s	velocity	4.69	8.06	8.89	9.09	8.93	8.93	9.01	8.77	8.55	8.08				8.98	
Takeuchi, Masaya (JPN) (1998)																	
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
date	05-Oct-19	time		4.31		6.38					11.79	11.79	7 / 4				
reaction time	0.169	interval				2.07					5.41		# of strides	4.31			
wind	1.1 m/s	velocity		6.96		3.13					9.24	8.48	52.0	6.96			
Takeuchi, Sayaka (JPN) (1995)																	
Heat 3 - 2017 Japanese National Championships (Osaka, JPN)												<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>					
date	23-Jun-17	time	2.07	3.26	4.33	5.37	6.42	7.47	8.53	9.62	10.72	11.83	11.83	/ 3			
reaction time	0.141	interval		1.19	1.07	1.04	1.05	1.05	1.06	1.09	1.10	1.11	# of strides	4.33	3.14	3.25	
wind	-0.9 m/s	velocity	4.83	8.40	9.35	9.62	9.52	9.52	9.43	9.17	9.09	9.01	8.45	54.6	6.93	9.55	9.23
Tamaki, Mayu (JPN)																	
FINAL - 2024 Shimane High School Championships (Izumo, JPN)												<i>Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis</i>					
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)												<i>Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis</i>					
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)																	
Heat 6 - 2024 Olympic Games (Paris, FRA)												<i>Paris 2024 Olympic Games - Results Book (2024)</i>					
date	02-Aug-24	time	2.07	3.22	4.27	5.28	6.28	7.28	8.29	9.28	10.32	11.39	11.39	6 / 5			
reaction time	0.142	interval		1.15	1.05	1.01	1.00	1.00	1.01	0.99	1.04	1.07	# of strides	4.27	3.01	3.04	
wind	-0.4 m/s	velocity	4.83	8.70	9.52	9.90	10.00	10.00	9.90	10.10	9.62	9.35	8.78	50.0	7.03	9.97	9.87
Tanagiya, Tomomi (JPN) (1999)																	
FINAL - 2019 National Sports Festival (Hitachinaka, JPN)												<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>					
date	05-Oct-19	time		4.44		6.56					11.95	11.95	8 / 7				
reaction time	0.173	interval				2.12					5.39		# of strides	4.44			
wind	1.1 m/s	velocity		6.76		3.05					9.28	8.37	55.2	6.76			
Tanaka, Kiyono (JPN) (2002)																	
FINAL - 2020 Japanese U20 National Championships (Hiroshima, JPN)												<i>Kobayashi (2020) - national high school and U20 national championships</i>					
date	24-Oct-20	time	2.04	3.24	4.34	5.41	6.46	7.53	8.60	9.71	10.84	12.02	12.02	6 / 3			
reaction time	0.144	interval		1.20	1.10	1.07	1.05	1.07	1.07	1.11	1.13	1.18	# of strides	4.34	3.19	3.31	
wind	-0.5 m/s	velocity	4.90	8.33	9.09	9.35	9.52	9.35	9.35	9.01	8.85	8.47	8.32	51.2	6.91	9.40	9.06
Tanaka, Rina (JPN)																	
FINAL - 2018 Shimane High School Championships (Izumo, JPN)												<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>					
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)																	
National FINAL - 2024 Bauhaus Galan (Stockholm, SWE)												<i>Omega Timing (2024) - diamond league race analysis</i>					
date	02-Jun-24	time	2.15	3.32	4.37	5.43	6.47	7.50	8.53	9.56	10.62	11.69	11.69	5 / 3			
reaction time	0.160	interval		1.17	1.05	1.06	1.04	1.03	1.03	1.03	1.06	1.07	# of strides	4.37	3.13	3.12	
wind	-0.3 m/s	velocity	4.65	8.55	9.52	9.43	9.62	9.71	9.71	9.71	9.43	9.35	8.55		6.86	9.58	9.62
Tao Yuqing (CHN) (2007)																	
FINAL - 2024 Chinese Indoor Grand Prix III (Jinan, CHN)												<i>Shandong Athletics Sport Science (2024)</i>					
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)																	
FINAL - 1996 USA Olympic Trials (Atlanta, GA)												<i>USATF Women's Sprint Development (1996)</i>					
date	15-Jun-96	time	1.96		4.22		6.12				10.10	11.11	11.11	1 / 8			
reaction time		interval			2.26		1.90				3.98	1.01	# of strides	4.22			
wind	1.1 m/s	velocity	5.10		8.85		10.53				10.05	9.90	9.00	50.5	7.11		

Semi-Final 2 - 1996 USA Olympic Trials (Atlanta, GA)													<i>USATF Women's Sprint Development (1996)</i>			
date	15-Jun-96	time	2.06	4.24	6.16	10.10	11.19	11.19	7 / 4							
reaction time		interval	2.18	1.92	3.94	1.09	# of strides	4.24								
wind	0.2 m/s	velocity	4.85	9.17	10.42	10.15	9.17	8.94	51.5	7.08						

FINAL - 1995 USATF National Championships (Sacramento, CA)													<i>Lyle - miscellaneous coaching notes</i>			
date	16-Jun-95	time	1.95	3.18	4.24	5.25	6.27	7.28	8.28	9.35	10.37	11.48	11.62	7 / 7		
reaction time		interval	1.23	1.06	1.01	1.02	1.01	1.00	1.07	1.02	1.11	# of strides	4.24	3.04	3.09	
wind	0.0 m/s	velocity	5.13	8.13	9.43	9.90	9.80	9.90	10.00	9.35	9.80	9.01	8.61	7.08	9.87	9.71

Tarmoh, Jeneba (USA) (1989)													<i>USATF Women's Sprint Development with HPC (2008)</i>			
		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)																
date	20-Jun-08	time	2.08	3.20	4.22	5.21	6.17	7.16	8.14	9.16	10.19	11.21	11.21	6 / 1		
reaction time		interval	1.12	1.02	0.99	0.96	0.99	0.98	1.02	1.03	1.02	PB	# of strides	4.22	2.94	3.03
wind	1.3 m/s	velocity	4.81	8.93	9.80	10.10	10.42	10.10	10.20	9.80	9.71	9.80	8.92	7.11	10.20	9.90

FINAL - 2006 USATF National Junior Championships (Indianapolis, IN)													<i>USATF Women's Sprint Development (2006)</i>			
date	22-Jun-06	time	2.10	3.27	4.27	5.29	6.22	7.24	8.20	9.20	10.21	11.24	11.24	6 / 3		
reaction time		interval	1.17	1.00	1.02	0.93	1.02	0.96	1.00	1.01	1.03	PB	# of strides	4.27	2.97	2.97
wind	1.2 m/s	velocity	4.76	8.55	10.00	9.80	10.75	9.80	10.42	10.00	9.90	9.71	8.90	7.03	10.10	10.10

Taro, Haruka (JPN)													<i>Kobayashi (2020) - national high school and U20 national championships</i>				
		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)																	
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)													<i>Matsuo (2009) - 62nd high school championships: JAF scientific committee- biomechanics</i>			
		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)																
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)													<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>			
		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)																
date	16-Aug-09	time	3.16	4.21	5.22	7.27	9.31	11.45	11.45	8 / 8						
reaction time	0.136	interval	1.05	1.01	2.05	2.04	2.14	# of strides	4.21	3.06						
wind	0.8 m/s	velocity	6.33	9.52	9.90	9.76	9.80	9.35	8.73	50.0	7.13	9.80				

Taylor-Issajenko, Angella (CAN) (1958)													<i>Ward-Smith (2000) - Energy conversion rates during sprinting with an emphasis on the performance of female athletes</i>				
		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)																	
date	30-Aug-87	time	2.02	3.13	4.17	5.16	6.12	7.08	8.04	9.03	10.06	11.09	11.09	3 / 5			
reaction time	0.203	interval	1.11	1.04	0.99	0.96	0.96	0.96	0.99	1.03	1.03	DV	# of strides	4.17	2.91	2.98	
wind	-0.5 m/s	velocity	4.95	9.01	9.62	10.10	10.42	10.42	10.42	10.10	9.71	9.71	9.02	49.6	7.19	10.31	10.07

Semi-Final 1 - 1987 IAAF World Championships (Rome, ITA)													<i>Francis (1997) - training for speed</i>				
date	30-Aug-87	time	2.07	3.14	4.18	5.13	6.10	7.05	8.02	8.99	9.97	10.99	10.99	6 / 3			
reaction time		interval	1.07	1.04	0.95	0.97	0.95	0.97	0.97	0.97	1.02	DV	# of strides	4.18	2.87	2.92	
wind	2.2 m/s	velocity	4.83	9.35	9.62	10.53	10.31	10.53	10.31	10.31	10.20	9.80	9.10	49.2	7.18	10.45	10.27

Quarter-Final 2 - 1987 IAAF World Championships (Rome, ITA)													<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>			
date	29-Aug-87	time	4.15	7.02	10.99	10.99	4 / 4									
reaction time		interval	2.87	3.97	DV	# of strides	4.15	2.87								
wind	1.6 m/s	velocity	7.23	10.45	10.08	9.10	48.0	7.23	10.45							

Heat 6 - 1987 IAAF World Championships (Rome, ITA)													<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>			
date	29-Aug-87	time	4.27	7.26	11.42	11.42	1 / 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)													<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>			
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
FINAL - 1983 IAAF World Championships (Helsinki, FIN)																
date	08-Aug-83	time	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	4.39	3.08					
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)													<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>			
		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)																
date	05-Jun-10	time	3.33	4.39	5.42	7.47	9.56	11.72	11.72	1 / 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)**

date	14-Jun-09	time	3.32	4.39	5.42	7.49	9.63	11.83	11.83	Graubner (2009) - http://www.fgs.uni-halle.de		
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)**Heat 5 - 2024 Olympic Games (Paris, FRA)**

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	Paris 2024 Olympic Games - Results Book (2024)		
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)

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	Omega Timing (2024) - continental tour gold race analysis		
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)

date	04-Sep-20	time	3.3		5.4		7.5		9.5		11.68		11.68	3 / 5	Omega Timing (2020) - diamond league race analysis		
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)**FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)**

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	1 / 3	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions		
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)

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	Hitorara (2007) - 60st high school championships: JAF scientific committee- biomechanics data		
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)**FINAL - 2019 National Sports Festival (Hitachinaka, JPN)**

date	05-Oct-19	time	4.35		6.47						11.91	11.91	3 / 5	Enomoto (2019) - research on athlete performance and technique- 2019 data book		
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)

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

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 / 1	Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season		
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)**FINAL - 2024 Olympic Games (Paris, FRA)**

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	Paris 2024 Olympic Games - Results Book (2024)		
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)

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	Paris 2024 Olympic Games - Results Book (2024)		
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)

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	Paris 2024 Olympic Games - Results Book (2024)		
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)

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	Omega Timing (2024) - diamond league race analysis		
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)

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	

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 London Athletics Meet (London, GBR)

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	

Omega Timing (2023) - diamond league race analysis

FINAL - 2023 Kamila Skolimowska Memorial (Silesia, POL)

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	

Omega Timing (2023) - diamond league race analysis

FINAL - 2022 Weltklasse (Zürich, SUI)

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				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Athletissima (Lausanne, SUI)

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				

Omega Timing (2022) - diamond league race analysis

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

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				

Omega Timing (2022) - diamond league race analysis

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

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				

Omega Timing (2022) - diamond league race analysis

FINAL - 2022 Prefontaine Classic (Eugene, OR)

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				

Omega Timing (2022) - diamond league race analysis

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)

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		

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

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		

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

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	

Veney - Sydney 100m women's splits

FINAL - 1999 IAAF World Championships (Sevilla, ESP)

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	

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

Thomas, Gabrielle (USA) (1996)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
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FINAL - 2020 Olympic Games (Tokyo, JPN)

date	31-Jul-21	time	4.07	6.87	8.72	10.61	10.61	4 / 1	<i>Vazel (2021) - analyzing the olympic 100-meter sprints</i>			
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)

date	17-Sep-20	time	3.1	5.1	7.0	8.9	10.84	10.85	5 / 1	<i>Omega Timing (2020) - diamond league race analysis</i>			
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)**

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	<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
reaction time	0.143	interval	1.12	1.01	0.96	0.95	0.94	0.95	0.97	1.00	1.04			# of strides	4.12	2.85	2.92	
wind	0.1 m/s	velocity	5.03	8.93	9.90	10.42	10.53	10.64	10.53	10.31	10.00	9.62	9.15	50.2	7.28	10.53	10.27	

FINAL - 2019 Meeting de Paris (Paris, FRA)

date	24-Aug-19	time		6.1							10.98	10.98	4 / 1	<i>Omega Timing (2019) - diamond league race analysis</i>			
reaction time	0.123	interval									4.88		# of strides				
wind	-0.2 m/s	velocity		8.20							10.25	9.11	51.0				

FINAL - 2017 IAAF World Championships (London, GBR)

date	06-Aug-17	time	2.06	3.21	4.22	5.17	6.13	7.08	8.04	9.01	9.99	10.98	10.98	6 / 5	<i>Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m</i>			
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)**FINAL - 1993 Chinese National Games (Beijing, CHN)**

date	08-Aug-93	time	4.33				7.43			9.59	11.77	11.77	???	<i>Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis</i>			
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			

FINAL - 1990 Asian Games (Beijing, CHN)

date	02-Oct-90	time	4.31				7.44			9.57	11.80	11.80	/ 1	<i>Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis</i>			
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)**FINAL - 2007 Windsprint (Sundsvall, SWE)**

date	24-Jul-07	time	4.47				7.82			10.04	12.35	12.35	/ 8	<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>			
reaction time		interval					3.35			2.22	2.31		# of strides	4.47	3.35		
wind	1.0 m/s	velocity	6.71				8.96			9.01	8.66	8.10	6.71	8.96			

Tornemark, Pernilla (SWE) (1985)**Heat 1 - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.58				7.77			12.10	12.10	12.10	6 / 5	<i>(2016) - www.windsprint/Splittider/</i>			
reaction time		interval					3.19			4.33			# of strides	4.58	3.19		
wind	-0.3 m/s	velocity	6.55				9.40			9.24	8.26		6.55	9.40			

Törnros, Sandra (SWE) (1995)**A FINAL - 2016 Windsprint (Sundsvall, SWE)**

date	31-Jul-16	time	4.63				7.86			12.30	12.30	12.30	7 / 7	<i>(2016) - www.windsprint/Splittider/</i>			
reaction time		interval					3.23			4.44			# of strides	4.63	3.23		
wind	2.0 m/s	velocity	6.48				9.29			9.01	8.13		6.48	9.29			

Heat 1 - 2016 Windsprint (Sundsvall, SWE)

date	31-Jul-16	time	4.60				7.82			12.22	12.22	12.22	8 / 7	<i>(2016) - www.windsprint/Splittider/</i>			
reaction time		interval					3.22			4.40			# of strides	4.60	3.22		
wind	-0.3 m/s	velocity	6.52				9.32			9.09	8.18		6.52	9.32			

C FINAL - 2013 Windsprint (Sundsvall, SWE)

date	28-Jul-13	time	4.49				7.70			9.86	12.09	12.09	4 / 1	<i>(2013) - www.ssg.se/windsprint/Splittider/</i>			
reaction time		interval					3.21			2.16	2.23		# of strides	4.49	3.21		
wind	-0.1 m/s	velocity	6.68				9.35			9.26	8.97	8.27	6.68	9.35			

B FINAL - 2011 Windsprint (Sundsvall, SWE)

date	31-Jul-11	time	4.56				7.74			9.87	12.11	12.11	6 / 8	<i>(2011) - www.ssg.se/en/Windsprint/Split-times/</i>			
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
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FINAL - 1996 USA Olympic Trials (Atlanta, GA)

USATF Women's Sprint Development (1996)

date	15-Jun-96	time	1.90	4.12	5.99	7.73	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 Olympic 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 Olympic 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 Olympic 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 Olympic 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 Olympic 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
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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	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)
 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)
 date 14-Jun-09 time 3.27 4.34 5.38 7.43 9.52 11.61 11.61 Graubner (2009) - http://www.fgs.uni-halle.de / 6
 reaction time interval 0.168 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)
 date 11-Jul-20 time 4.62 7.95 11.42 12.67 12.67 Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis 5 / 4
 reaction time interval 0.168 1.07 1.04 2.05 2.09 2.09 # 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)
 date 30-Jul-09 time 4.38 5.45 6.48 7.52 8.60 9.63 11.82 11.82 Mitsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection 9 / 5
 reaction time interval 0.168 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)
 date 30-Jul-17 time 4.45 7.76 11.16 12.35 12.35 Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data 8 / 6
 reaction time interval 0.146 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)
 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 Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions 5 / 2
 reaction time interval 0.158 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)
 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 Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions / 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)
 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 Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions / 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)
 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 Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions 2 / 2
 reaction time interval 0.162 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)
 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 Kobayashi (2020) - national high school and U20 national championships 2 / 5
 reaction time interval 0.138 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)
 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 Paris 2024 Olympic Games - Results Book (2024) 5 / 4
 reaction time interval 0.182 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)
 date 17-Jun-12 time 4.34 7.52 9.68 11.95 11.95 (2012) - www.eitlandslag.se/SprintHäck/KortSprint.aspx 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)														<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>		
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)														<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>		
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)																
FINAL - 2005 USATF National Junior Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>		
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		
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			
Udo-Gabriel, Joy (NGR) (1999)																
Semi-Final 2 - 2022 Commonwealth Games (Birmingham, GBR)														<i>Longines Timing (2022) - commonwealth games race analysis</i>		
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)																
D FINAL - 2014 Windsprint (Sundsvall, SWE)														<i>(2014) - www.ssg.se/windsprint/Splittider/</i>		
date	20-Jul-14	time		4.63			8.00		10.26		12.60	12.60		4 / 1		
reaction time		interval				3.37		2.26		2.34				# of strides		
wind	3.1 m/s	velocity		6.48			8.90		8.85		8.55		7.94			
Uchiyama, Kyoka (JPN) (2003)																
U18 FINAL - 2019 National Sports Festival (Hitachinaka, JPN)														<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>		
date	04-Oct-19	time		4.43		6.63				12.12	12.12			5 / 1		
reaction time	0.162	interval			2.20					5.49				# of strides		
wind	-1.8 m/s	velocity		6.77		3.02				9.11		8.25		53.2		
Urbánková, Petra (CZE) (1991)																
FINAL - 2013 Czech Republic National Championships (Tábor, CZE)														<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>		
date	15-Jun-13	time	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		
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			
Heat 2 - 2013 Czech Republic National Championships (Tábor, CZE)														<i>Fehér (2013) - Final report from the men's & women's Czech Republic national championships</i>		
date	15-Jun-13	time	3.26		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)																
FINAL - 2018 Japanese National High School Championships (Nagoya, JPN)														<i>Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data</i>		
date	03-Aug-18	time	2.02	3.20	4.29	5.34	6.38	7.42	8.48	9.56	10.65	11.77	11.77	/ 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		
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			
FINAL - 2017 Japanese National High School Championships (Yamagata, JPN)														<i>Kota (2017) - 70th high school championships: JAF scientific committee- biomechanics data</i>		
date	30-Jul-17	time		4.31			7.55			10.89	12.06	12.06		4 / 2		
reaction time	0.140	interval				3.24				3.34	1.17			# of strides		
wind	-3.0 m/s	velocity		6.96			9.26			8.98	8.55	8.29				
FINAL - 2016 Japanese National High School Championships (Okayama, JPN)														<i>Kota (2016) - 69th high school championships: JAF scientific committee- biomechanics data</i>		
date	30-Jul-16	time	3.16	4.36	5.47	6.56	7.67	8.76	9.90	12.20	12.20			/ 6		
reaction time	0.139	interval		1.20	1.11	1.09	1.11	1.09	1.14	2.30				# of strides		
wind	1.6 m/s	velocity	6.33	8.33	9.01	9.17	9.01	9.17	8.77	8.70	8.20					
Valášková, Tereza (CZE) (1998)																
Heat 3 - 2014 Czech Republic National U18 Championships (Trinec, CZE)														<i>Fehér (2014) - Final report from the U18 & U20 Czech Republic national championships</i>		
date	28-Jun-14	time	3.48		5.75		8.01		10.34		12.73	12.73		3 / 5		
reaction time	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)																
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)														<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>		
date	27-Feb-16	time		4.57			7.93					7.93		/ 7		

reaction time	interval	3.36	# of strides	4.57	3.36
velocity	6.56	8.93	7.57	6.56	8.93

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
van Camp, Emma (SUI) (2004)																	
Heat A - 2024 Weltklasse (Zürich, SUI)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	05-Sep-24	time	2.06	3.25	4.30	5.32	6.33	7.35	8.39	9.43	10.49	11.59	11.59	1 / 8			
reaction time	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)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	22-Aug-24	time	2.07	3.24	4.31	5.33	6.36	7.38	8.41	9.46	10.53	11.62	11.62	8 / 8			
reaction time	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)		<i>Omega Timing (2022) - diamond league race analysis</i>															
date	26-Aug-22	time	3.3		5.4		7.4		9.5		11.80	11.80	11.80	2 / 5			
reaction time		interval			2.10		2.00		2.10		2.30			# of strides			
wind	0.8 m/s	velocity	6.06		9.52		10.00		9.52		8.70		8.47				
van den Berg, Daphne (SUI) (1997)																	
Semi-Final 2 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)		<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>															
date	27-Feb-16	time		4.64									7.99	7.99	1 / 8		
reaction time		interval											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)																	
B Race - Heat 2 - 2024 Athletissima (Lausanne, SUI)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	22-Aug-24	time	2.11	3.28	4.36	5.39	6.41	7.42	8.46	9.51	10.57	11.64	11.64	6 / 4			
reaction time	0.153	interval		1.17	1.08	1.03	1.02	1.01	1.04	1.05	1.06	1.07		# of strides	4.36	3.06	3.15
wind	2.2 m/s	velocity	4.74	8.55	9.26	9.71	9.80	9.90	9.62	9.52	9.43	9.35	8.59		6.88	9.80	9.52
FINAL - 2024 FBK Games (Hengelo, NED)		<i>Omega Timing (2024) - continental tour gold race analysis</i>															
date	07-Jul-24	time	2.04	3.25	4.30	5.36	6.41	7.48	8.53	9.58	10.63	11.72	11.72	8 / 7			
reaction time	0.161	interval		1.21	1.05	1.06	1.05	1.07	1.05	1.05	1.05	1.09		# of strides	4.30	3.18	3.15
wind	0.6 m/s	velocity	4.90	8.26	9.52	9.43	9.52	9.35	9.52	9.52	9.52	9.17	8.53		51.0	6.98	9.43
van der Weken, Patrizia (LUX) (1999)																	
FINAL - 2024 Memorial van damme (Brussels, BEL)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	13-Sep-24	time	2.02	3.16	4.19	5.18	6.16	7.13	8.11	9.11	10.12	11.16	11.16	1 / 5			
reaction time	0.113	interval		1.14	1.03	0.99	0.98	0.97	0.98	1.00	1.01	1.04		# of strides	4.19	2.94	2.99
wind	0.2 m/s	velocity	4.95	8.77	9.71	10.10	10.20	10.31	10.20	10.00	9.90	9.62	8.96		48.0	7.16	10.20
FINAL - 2024 Kamila Skolimowska Memorial (Silesia, POL)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	25-Aug-24	time	2.02	3.16	4.17	5.14	6.11	7.06	8.02	9.00	10.01	11.03	11.03	9 / 5			
reaction time	0.144	interval		1.14	1.01	0.97	0.97	0.95	0.96	0.98	1.01	1.02		# of strides	4.17	2.89	2.95
wind	2.9 m/s	velocity	4.95	8.77	9.90	10.31	10.31	10.53	10.42	10.20	9.90	9.80	9.07		48.2	7.19	10.38
FINAL - 2024 Athletissima (Lausanne, SUI)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	22-Aug-24	time	3.20	4.25	5.24	6.22	7.19	8.18	9.18	10.19	11.24	11.24	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	
Semi-Final 2 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	03-Aug-24	time	2.03	3.18	4.20	5.20	6.17	7.13	8.11	9.10	10.10	11.13	11.13	8 / 4			
reaction time	0.128	interval		1.15	1.02	1.00	0.97	0.96	0.98	0.99	1.00	1.03		# of strides	4.20	2.93	2.97
wind	-0.1 m/s	velocity	4.93	8.70	9.80	10.00	10.31	10.42	10.20	10.10	10.00	9.71	8.98		49.0	7.14	10.24
Heat 1 - 2024 Olympic Games (Paris, FRA)		<i>Paris 2024 Olympic Games - Results Book (2024)</i>															
date	02-Aug-24	time	2.03	3.18	4.22	5.21	6.17	7.13	8.10	9.09	10.10	11.14	11.14	8 / 2			
reaction time	0.141	interval		1.15	1.04	0.99	0.96	0.96	0.97	0.99	1.01	1.04		# of strides	4.22	2.91	2.97
wind	0.1 m/s	velocity	4.93	8.70	9.62	10.10	10.42	10.42	10.31	10.10	9.90	9.62	8.98		48.7	7.11	10.31
FINAL - 2024 Herculis Meeting International d'Athlétisme (Monaco, MON)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	12-Jul-24	time	2.01	3.17	4.20	5.18	6.15	7.11	8.06	9.03	10.02	11.02	11.02	8 / 4			
reaction time	0.107	interval		1.16	1.03	0.98	0.97	0.96	0.95	0.97	0.99	1.00		# of strides	4.20	2.91	2.91
wind	-1.0 m/s	velocity	4.98	8.62	9.71	10.20	10.31	10.42	10.53	10.31	10.10	10.00	9.07		48.0	7.14	10.31
FINAL - 2024 Meeting de Paris (Paris, FRA)		<i>Omega Timing (2024) - diamond league race analysis</i>															
date	07-Jul-24	time	1.97		5.12	6.08	7.05	8.03	9.00	9.99	11.06	11.06	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			
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			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
van Gansewinkel, Marlene (NED) (1991)													<i>Omega Timing (2023) - diamond league race analysis</i>				
Para FINAL - 2023 Prefontaine Classic (Eugene, OR)																	
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	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	51.0	6.16	9.06	9.04	
van Hunenstijn, Marije (NED) (1995)													<i>Omega Timing (2024) - diamond league race analysis</i>				
Heat A - 2024 Weltklasse (Zürich, SUI)																	
date	05-Sep-24	time	2.09	3.27	4.33	5.34	6.35	7.35	8.35	9.35	10.37	11.45	11.45	2 / 7			
reaction time	0.135	interval		1.18	1.06	1.01	1.01	1.00	1.00	1.00	1.02	1.08	# of strides	4.33	3.02	3.02	
wind	-0.3 m/s	velocity	4.78	8.47	9.43	9.90	9.90	10.00	10.00	10.00	9.80	9.26	8.73	6.93	9.93	9.93	
FINAL - 2024 FBK Games (Hengelo, NED)													<i>Omega Timing (2024) - continental tour gold race analysis</i>				
date	07-Jul-24	time	2.05	3.24	4.31	5.32	6.33	7.32	8.32	9.33	10.34	11.39	11.39	3 / 3			
reaction time	0.157	interval		1.19	1.07	1.01	1.01	0.99	1.00	1.01	1.01	1.05	# of strides	4.31	3.01	3.02	
wind	0.6 m/s	velocity	4.88	8.40	9.35	9.90	9.90	10.10	10.00	9.90	9.90	9.52	8.78	48.5	6.96	9.97	
National FINAL - 2023 Weltklasse (Zürich, SUI)													<i>Omega Timing (2023) - diamond league race analysis</i>				
date	31-Aug-23	time	2.10	3.29	4.35	5.37	6.38	7.38	8.39	9.41	10.44	11.49	11.49	9 / 8			
reaction time	0.162	interval		1.19	1.06	1.02	1.01	1.00	1.01	1.02	1.03	1.05	# of strides	4.35	3.03	3.06	
wind	-0.1 m/s	velocity	4.76	8.40	9.43	9.80	9.90	10.00	9.90	9.80	9.71	9.52	8.70	6.90	9.90	9.80	
FINAL - 2022 FBK Games (Hengelo, NED)													<i>Omega Timing (2022) - continental tour race analysis</i>				
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)													<i>Omega Timing (2021) - diamond league race analysis</i>				
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)													<i>Omega Timing (2021) - diamond league race analysis</i>				
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)													<i>Omega Timing (2020) - diamond league race analysis</i>				
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)													<i>Omega Timing (2020) - diamond league race analysis</i>				
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)													<i>Omega Timing (2021) - diamond league race analysis</i>				
FINAL - 2021 Müller British Grand Prix (Gateshead, GBR)																	
date	13-Jul-21	time		3.4		5.5		7.5		9.6		11.66	11.62	2 / 5			
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, Katerina (CZE) (1998)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>				
FINAL - 2014 Czech Republic National U18 Championships (Trinec, CZE)																	
date	28-Jun-14	time	2.16	3.40	4.58	5.74	6.90	8.07	9.23	10.40	11.58	12.76	12.76	5 / 4			
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)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>				
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)													<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>				
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)																	
date	28-Jun-14	time		3.71		6.21		8.64		11.13		13.73	13.73	1 / 7			
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				

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Veverková, Markéta (CZE) (1989)															
Heat 1 - 2012 Czech Republic National Indoor Championships (Praha, CZE)	<i>Feher (2012) - Czech Republic indoor national championships - women's 60m</i>														
date	25-Feb-12	time	2.17	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)															
C FINAL - 2015 Windsprint (Sundsvall, SWE)	<i>(2015) - www.windsprint/Splittider/</i>														
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)															
Heat 1 - 2014 Czech Republic National U18 Championships (Trinec, CZE)	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time	3.46		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				
Visockaitė, Agnė (LTU) (1978)															
Semi-Final 2 - 2002 European Championships (Munich, GER)	<i>Graubner (2009) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-02	time	3.18	4.23	5.25	7.26		9.31		11.44	11.44	1 / 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		9.76		9.39	8.74		7.09	9.90	
Visser, Nadine (NED) (1995)															
B FINAL - Heat 1 - 2021 Athletissima (Lausanne, SUI)	<i>Omega Timing (2021) - diamond league race analysis</i>														
date	26-Aug-21	time	3.3		5.2	7.2		9.1		11.11	11.11	3 / 1			
reaction time	0.146	interval			1.90	2.00		1.90		2.01		# of strides			
wind	2.7 m/s	velocity		6.06	10.53	10.00		10.53		9.95	9.00				
Vitásková, Monika (CZE) (1985)															
Heat 3 - 2013 Czech Republic National Championships (Tábor, CZE)	<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>														
date	15-Jun-13	time	3.65		5.96	8.23		10.56		12.93	12.93	8 / 7			
reaction time	0.162	interval			2.31	2.27		2.33		2.37		# of strides			
wind	-1.3 m/s	velocity		5.48	8.66	8.81		8.58		8.44	7.73				
Vodičková, Pavla (CZE) (1996)															
Heat 1 - 2014 Czech Republic National U20 Championships (Trinec, CZE)	<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>														
date	28-Jun-14	time	3.62		5.97	8.24		10.55		12.93	12.93	6 / 4			
reaction time	0.340	interval			2.35	2.27		2.31		2.38		# of strides			
wind	-0.1 m/s	velocity		5.52	8.51	8.81		8.66		8.40	7.73				
Vögtle, Nadine (GER) (1994)															
FINAL - 2010 German National Youth Championships (Ulm, GER)	<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-10	time	3.35	4.46	5.53	7.66		9.81		12.00	12.00	1 / 5			
reaction time		interval		1.11	1.07	2.13		2.15		2.19		# of strides	4.46	3.20	
wind	-0.3 m/s	velocity		5.97	9.01	9.35		9.39		9.13	8.33		6.73	9.38	
Semi-Final 1 - 2010 German National Youth Championships (Ulm, GER)	<i>Graubner (2010) - http://www.fgs.uni-halle.de</i>														
date	07-Aug-10	time	3.36	4.47	5.55	7.65		9.75		11.92	11.92	1 / 2			
reaction time		interval		1.11	1.08	2.10		2.10		2.17		# of strides	4.47	3.18	
wind	1.3 m/s	velocity		5.95	9.01	9.26		9.52		9.22	8.39		6.71	9.43	
Vollenweider, Rahel (SUI) (1989)															
Semi-Final 1 - 2016 Swiss National Indoor Championships (St. Gallen, SUI)	<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	27-Feb-16	time		4.65		7.93					7.93	1 / 7			
reaction time		interval				3.28						# of strides	4.65	3.28	
		velocity		6.45		9.15					7.57		6.45	9.15	
Vomáčková, Monika (CZE) (1994)															
Heat 1 - 2013 Czech Republic National Championships (Tábor, CZE)	<i>Feher (2013) - Final report from the men's & women's Czech Republic national championships</i>														
date	15-Jun-13	time	3.54		5.84	8.11		10.46		12.82	12.82	8 / 7			
reaction time	0.192	interval			2.30	2.27		2.35		2.36		# 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)															
B FINAL - 2016 Windsprint (Sundsvall, SWE)	<i>(2016) - www.windsprint/Splittider/</i>														
date	31-Jul-16	time		4.76		8.19				12.96	12.96	6 / 4			
reaction time		interval				3.43				4.77		# of strides	4.76	3.43	
wind	1.3 m/s	velocity		6.30		8.75				8.39	7.72		6.30	8.75	

															(2016) - www.windsprint/Splittider/			
Heat 2 - 2016 Windsprint (Sundsvall, SWE)															2 / 6			
date	31-Jul-16	time	4.75		8.18		12.96	12.96							# of strides	4.75	3.43	
reaction time		interval			3.43		4.78									6.32	8.75	
wind	1.8 m/s	velocity	6.32		8.75		8.37	7.72										
Voronova, Natalya (RUS) (1965)	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
FINAL - 1997 European Cup (Munich, GER)															<i>Jung (2003) - http://www.fgs.uni-halle.de</i>			
date	21-Jun-97	time	2.08		4.28		7.23	9.20		11.18	11.18	/ 1						
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)															<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>			
FINAL - 1988 Olympic Games (Seoul, KOR)	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)															<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>			
date	25-Sep-88	time	2.03	3.14	4.18	5.18	6.14	7.11	8.08	9.05	10.03	11.03	11.03	4 / 3				
reaction time	0.263	interval		1.11	1.04	1.00	0.96	0.97	0.97	0.97	0.98	1.00		# 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)															<i>Feher (2014) - Final report from the U18 & U20 Czech Republic national championships</i>			
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)															<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>			
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)															<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>			
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)															<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
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)															<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
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)															<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>			
date	23-Sep-18	time	2.01	3.21	4.31	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)															<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>			
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)															<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>			
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)															<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>			
date	08-Jun-12	time	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)															<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>			
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	

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)													<i>Shandong Athletics Sport Science (2023)</i>														
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)													<i>Shandong Athletics Sport Science (2023)</i>														
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					8.10	# of strides	4.30	3.11												
		velocity	4.69	8.93	9.52	9.62	9.90	9.43					31.7	6.98	9.65												
Heat 6 - 2023 Chinese Indoor Grand Prix I (Chengdu, CHN)													<i>Shandong Athletics Sport Science (2023)</i>														
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					8.08	# of strides	4.34	3.09												
		velocity	4.76	8.55	9.35	9.80	9.71	9.62					31.7	6.91	9.71												
FINAL - 2019 Chinese World Championships Trials (Shenyang, CHN)													<i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>														
date	02-Aug-19	time	2.08	3.19	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)													<i>Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan</i>														
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)													<i>Jiang (2017) CAA sport science report</i>														
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 / 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)													<i>Omega Timing (2023) - diamond league race analysis</i>														
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	9.43	9.17	9.01	8.62	8.38		6.88	9.52	9.20											
B FINAL - Heat 3 - 2022 Athletissima (Lausanne, SUI)													<i>Omega Timing (2022) - diamond league race analysis</i>														
date	26-Aug-22	time	3.2		5.3		7.4		9.5		11.74	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)													<i>Swiss Athletics (2016) - sprint and hurdle analysis</i>														
date	21-May-16	time					6.56				12.17	12.17	1 / 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)													<i>USATF Women's Sprint Development (2005)</i>														
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)													<i>USATF Women's Sprint Development (2005)</i>														
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)													<i>Omega Timing (2022) - continental tour race analysis</i>														
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)													<i>Omega Timing (2021) - diamond league race analysis</i>														
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
 USATF Women's Sprint Development (2003)

date	20-Jun-03	time	2.04	3.12	4.15	5.09	6.09	7.03	7.98	8.93	9.93	10.93	10.93	5 / 4
reaction time		interval		1.08	1.03	0.94	1.00	0.94	0.95	0.95	1.00	1.00	DV	# of strides
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	4.15 2.88 2.90 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	1 / 3
reaction time	0.153	interval		1.03	0.99	1.98	2.00	2.06	DV	# of strides
wind	0.5 m/s	velocity	6.27	9.71	10.10	10.10	10.00	9.71	8.89	4.22 2.97 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	3.14	# of strides
		velocity	7.01	9.55	8.09	31 4.28 3.14 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
wind	0.5 m/s	velocity	4.81	8.58	10.31	9.52	9.49	8.26	8.50	4.41 2.99 3.16 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
 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
wind	0.5 m/s	velocity	4.61	9.01	10.53	10.20	9.71	8.33	8.65	4.39 2.88 3.09 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
 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	1 / 4
reaction time		interval		1.15	1.08	1.03	1.01	1.03	1.04	1.04	1.06	1.08		# of strides
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	4.33 3.07 3.14 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
 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
 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
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	4.12 2.88 2.94 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
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	4.11 2.88 2.90 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
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	4.18 2.88 2.96 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)														<i>USATF Women's Sprint Development (2005)</i>														
date	25-Jun-05	time	2.03	3.17	4.24	5.29	6.29	7.34	8.36	9.44	10.53	11.66	11.66	3 / 9														
reaction time		interval		1.14	1.07	1.05	1.00	1.05	1.02	1.08	1.09	1.13		# of strides	4.24	3.10	3.19											
wind	-1.6 m/s	velocity	4.93	8.77	9.35	9.52	10.00	9.52	9.80	9.26	9.17	8.85	8.58	52.0	7.08	9.68	9.40											
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>														
date	25-Jun-05	time	2.02	3.14	4.15	5.14	6.14	7.13	8.11	9.15	10.17	11.25	11.25	3 / 4														
reaction time		interval		1.12	1.01	0.99	1.00	0.99	0.98	1.04	1.02	1.08		# of strides	4.15	2.98	3.04											
wind	3.0 m/s	velocity	4.95	8.93	9.90	10.10	10.00	10.10	10.20	9.62	9.80	9.26	8.89		7.23	10.07	9.87											
Heat 1 - 2005 USATF National Championships (Carson, CA)														<i>USATF Women's Sprint Development (2005)</i>														
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)														<i>USATF Women's Sprint Development (2004)</i>														
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)														<i>USATF Women's Sprint Development (2004)</i>														
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)														<i>USATF Women's Sprint Development (2004)</i>														
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)														<i>USATF Women's Sprint Development (2003)</i>														
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)														<i>Omega Timing (2024) - diamond league race analysis</i>														
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)														<i>Omega Timing (2024) - diamond league race analysis</i>														
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)														<i>Omega Timing (2019) - diamond league race analysis</i>														
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)														<i>Omega Timing (2022) - diamond league race analysis</i>														
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)														<i>Omega Timing (2022) - diamond league race analysis</i>														
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)														<i>Omega Timing (2021) - diamond league race analysis</i>														
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														

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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
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)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.11	3.16	4.16	5.13	6.04	6.97	7.94	8.87	9.84	10.86	10.86		5 / 2		
reaction time		interval		1.05	1.00	0.97	0.91	0.93	0.97	0.93	0.97	1.02		# of strides	4.16	2.81	2.87
wind	3.4 m/s	velocity	4.74	9.52	10.00	10.31	10.99	10.75	10.31	10.75	10.31	9.80	9.21		7.21	10.68	10.45
Heat 1 - 2008 USA Olympic Trials (Eugene, OR)													<i>USATF Women's Sprint Development with HPC (2008)</i>				
date	27-Jun-08	time	2.07	3.16	4.17	5.16	6.12	7.08	8.03	9.03	10.02	11.03	11.03		4 / 2		
reaction time		interval		1.09	1.01	0.99	0.96	0.96	0.95	1.00	0.99	1.01		# of strides	4.17	2.91	2.94
wind	1.8 m/s	velocity	4.83	9.17	9.90	10.10	10.42	10.42	10.53	10.00	10.10	9.90	9.07		7.19	10.31	10.20
FINAL - 2007 IAAF World Athletic Final (Stuttgart, GER)													<i>Graubner (2007) - http://www.fgs.uni-halle.de</i>				
date	23-Sep-07	time		3.21	4.24	5.24		7.22		9.23		11.31	11.31		5 / 5		
reaction time	0.136	interval			1.03	1.00		1.98		2.01		2.08		# of strides	4.24	2.98	
wind	-0.6 m/s	velocity		6.23	9.71	10.00		10.10		9.95		9.62	8.84		7.08	10.07	
FINAL - 2007 IAAF World Championships (Osaka, JPN)													<i>Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data</i>				
date	27-Aug-07	time	2.01	3.13	4.13	5.10	6.06	7.03	8.00	8.98	9.99	11.01	11.01		4 / 2		
reaction time	0.145	interval		1.12	1.00	0.97	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.13	2.90	2.96
wind	-0.2 m/s	velocity	4.98	8.93	10.00	10.31	10.42	10.31	10.31	10.20	9.90	9.80	9.08	52.5	7.26	10.34	10.14
FINAL - 2007 Osaka Grand Prix (Osaka, JPN)													<i>Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles</i>				
date	05-May-07	time	2.04	3.19	4.23	5.24	6.23	7.23	8.24	9.28	10.34	11.44	11.44		1 / 2		
reaction time		interval		1.15	1.04	1.01	0.99	1.00	1.01	1.04	1.06	1.10		# of strides	4.23	3.00	3.11
wind	0.7 m/s	velocity	4.90	8.70	9.62	9.90	10.10	10.00	9.90	9.62	9.43	9.09	8.74		7.09	10.00	9.65
FINAL - 2006 USATF National Championships (Indianapolis, IN)													<i>USATF Women's Sprint Development (2006)</i>				
date	23-Jun-06	time	2.09	3.20	4.20	5.19	6.16	7.14	8.11	9.11	10.14	11.17	11.17		8 / 2 1		
reaction time		interval		1.11	1.00	0.99	0.97	0.98	0.97	1.00	1.03	1.03		# of strides	4.20	2.94	3.00
wind	-0.9 m/s	velocity	4.78	9.01	10.00	10.10	10.31	10.20	10.31	10.00	9.71	9.71	8.95	53.0	7.14	10.20	10.00
FINAL - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.05	3.20	4.24	5.25	6.24	7.22	8.21	9.21	10.24	11.29	11.29		1 / 3		
reaction time		interval		1.15	1.04	1.01	0.99	0.98	0.99	1.00	1.03	1.05		# of strides	4.24	2.98	3.02
wind	-1.6 m/s	velocity	4.88	8.70	9.62	9.90	10.10	10.20	10.10	10.00	9.71	9.52	8.86	54.0	7.08	10.07	9.93
Semi-Final 1 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	25-Jun-05	time	2.07	3.16	4.17	5.16	6.11	7.08	8.04	9.04	10.03	11.05	11.05		7 / 3		
reaction time		interval		1.09	1.01	0.99	0.95	0.97	0.96	1.00	0.99	1.02		# of strides	4.17	2.91	2.95
wind	3.0 m/s	velocity	4.83	9.17	9.90	10.10	10.53	10.31	10.42	10.00	10.10	9.80	9.05		7.19	10.31	10.17
Heat 2 - 2005 USATF National Championships (Carson, CA)													<i>USATF Women's Sprint Development (2005)</i>				
date	24-Jun-05	time	2.08	3.22	4.29	5.29	6.29	7.27	8.22	9.26	10.28	11.33	11.33		7 / 2		
reaction time		interval		1.14	1.07	1.00	1.00	0.98	0.95	1.04	1.02	1.05		# of strides	4.29	2.98	3.01
wind	-0.7 m/s	velocity	4.81	8.77	9.35	10.00	10.00	10.20	10.53	9.62	9.80	9.52	8.83		6.99	10.07	9.97
FINAL - 2004 USA Olympic Trials (Sacramento, CA)													<i>USATF Women's Sprint Development (2004)</i>				
date	10-Jul-04	time	2.08	3.21	4.23	5.22	6.17	7.16	8.13	9.10	10.08	11.10	11.10		5 / 3 2		
reaction time	0.211	interval		1.13	1.02	0.99	0.95	0.99	0.97	0.97	0.98	1.02		# of strides	4.23	2.93	2.92
wind	0.1 m/s	velocity	4.81	8.85	9.80	10.10	10.53	10.10	10.31	10.31	10.20	9.80	9.01	52.7	7.09	10.24	10.27
Semi-Final 1 - 2004 USA Olympic Trials (Sacramento, CA)													<i>USATF Women's Sprint Development (2004)</i>				
date	10-Jul-04	time	2.12	3.24	4.26	5.24	6.22	7.20	8.15	9.14	10.13	11.14	11.14		6 / 2 1		
reaction time		interval		1.12	1.02	0.98	0.98	0.98	0.95	0.99	0.99	1.01		# of strides	4.26	2.94	2.93
wind	-0.1 m/s	velocity	4.72	8.93	9.80	10.20	10.20	10.20	10.53	10.10	10.10	9.90	8.98	52.7	7.04	10.20	10.24
Quarter-Final 4 - 2004 USA Olympic Trials (Sacramento, CA)													<i>USATF Women's Sprint Development (2004)</i>				
date	09-Jul-04	time	2.11	3.17	4.22	5.22	6.16	7.12	8.07	9.08	10.09	11.13	11.13		4 / 1		
reaction time		interval		1.06	1.05	1.00	0.94	0.96	0.95	1.01	1.01	1.04		# of strides	4.22	2.90	2.97

wind -0.8 m/s velocity 4.74 9.43 9.52 10.00 10.64 10.42 10.53 9.90 9.90 9.62 8.98 53.2 7.11 10.34 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 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 1.05 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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)																	
U18 FINAL - 2022 Shandong Provincial Games (Rizhao, CHN)														<i>Shandong Athletics Sport Science (2022)</i>			
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)																	
Heat 3 - 2024 Chinese National Grand Prix (Qingdao, CHN)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2024)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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)														<i>Shandong Athletics Sport Science (2023)</i>			
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	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Yoneda, Ryoha (JPN)																	
FINAL - 2017 Shimane High School Championships (Izumo, JPN) <i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>																	
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)																	
FINAL - 2015 Japanese National High School Championships (Wakayama, JPN) <i>Enomoto (2015) - 68th high school championships: JAF scientific committee- biomechanics data</i>																	
date	30-Jul-15	time	4.45	5.56	6.62	7.69	8.76	9.85	10.96	12.11	12.11	12.11	/ 8				
reaction time		interval		1.11	1.06	1.07	1.07	1.09	1.11	1.15			# of strides	4.45	3.24	3.28	
wind	-1.2 m/s	velocity	6.74	9.01	9.43	9.35	9.35	9.17	9.01	8.70	8.26			6.74	9.26	9.15	
Young, Dannette (USA) (1964)																	
FINAL - 1996 USA Olympic Trials (Atlanta, GA) <i>USATF Women's Sprint Development (1996)</i>																	
date	15-Jun-96	time	1.97		4.26		6.06			10.00	11.06	11.06	7 / 6				
reaction time		interval			2.29		1.80			3.94	1.06	=PB	# of strides	4.26			
wind	1.1 m/s	velocity	5.08		8.73		11.11			10.15	9.43	9.04	51.5	7.04			
Semi-Final 1 - 1996 USA Olympic Trials (Atlanta, GA) <i>USATF Women's Sprint Development (1996)</i>																	
date	15-Jun-96	time	1.97		4.18		6.21			10.07	11.06	11.06	6 / 4				
reaction time		interval			2.21		2.03			3.86	0.99	PB	# of strides	4.18			
wind	1,1 m/s	velocity	5.08		9.05		9.85			10.36	10.10	9.04	52.0	7.18			
Yousofi, Kimia (AFG) (1996)																	
Prelim 3 - 2024 Olympic Games (Paris, FRA) <i>Paris 2024 Olympic Games - Results Book (2024)</i>																	
date	02-Aug-24	time	2.26	3.56	4.78	5.93	7.15	8.35	9.58	10.83	12.11	13.42	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)																	
FINAL - 2024 Chinese National Championships (Quzhou, CHN) <i>Shandong Athletics Sport Science (2024)</i>																	
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) <i>Shandong Athletics Sport Science (2024)</i>																	
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	1.00	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) <i>Shandong Athletics Sport Science (2024)</i>																	
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) <i>Omega Timing (2023) - diamond league race analysis</i>																	
date	02-Sep-23	time	2.07	3.22	4.28	5.28	6.27	7.26	8.26	9.27	10.29	11.34	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) <i>Shandong Athletics Sport Science (2023)</i>																	
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) <i>Shandong Athletics Sport Science (2023)</i>																	
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) <i>Jiang (2019) - data analysis of women's sprint finals in the world championships trials</i>																	
date	02-Aug-19	time	2.11	3.25	4.32	5.35	6.36	7.38	8.41	9.45	10.50	11.57	11.57	3 / 4			
reaction time		interval		1.14	1.07	1.03	1.01	1.02	1.03	1.04	1.05	1.07	# of strides	4.32	3.06	3.12	
wind	-1.2 m/s	velocity	4.74	8.77	9.35	9.71	9.90	9.80	9.71	9.62	9.52	9.35	8.64	6.94	9.80	9.62	
Yuasa, Kanako (JPN) (1997)																	
FINAL - 2020 Japanese National Championships (Niigata, JPN) <i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>																	
date	02-Oct-20	time	2.07	3.27	4.37	5.43	6.48	7.53	8.59	9.66	10.77	11.90	11.90	2 / 8			
reaction time	0.148	interval		1.20	1.10	1.06	1.05	1.05	1.06	1.07	1.11	1.13	# of strides	4.37	3.16	3.24	
wind	0.5 m/s	velocity	4.83	8.33	9.09	9.43	9.52	9.52	9.43	9.35	9.01	8.85	8.40	6.86	9.49	9.26	

FINAL - 2020 All Japan Corporate Championships (Kumagaya, JPN)*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

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)**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	4.49	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)**10m 20m 30m 40m 50m 60m 70m 80m 90m 100m Official Time Lane / Place 0-30m 30-60m 60-90m****Heat 3 - 2024 Olympic Games (Paris, FRA)***Paris 2024 Olympic Games - Results Book (2024)*

date	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

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

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

Zhang Gaihua (CHN) (1964)**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		4.20				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*

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)**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 1 (Rizhao, CHN)														Shandong Athletics Sport Science (2023)			
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)			
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			
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)														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 1 (Rizhao, CHN)																				Shandong Athletics Sport Science (2023)								
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)			
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)			
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)																				Brügmann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988								
date	25-Sep-88	time	2.08	3.18	4.25	5.24	6.21	7.18	8.18	9.20	10.22	11.24	11.24	1 / 8														
reaction time	0.187	interval		1.10	1.07	0.99	0.97	0.97	1.00	1.02	1.02	1.02		# of strides	4.25	2.93	3.04											
wind	0.5 m/s	velocity	4.81	9.09	9.35	10.10	10.31	10.31	10.00	9.80	9.80	9.80	8.90	7.06	10.24	9.87												

Heat 5 - 1988 Olympic Games (Seoul, KOR)														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	1 / 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)																		
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	Shandong Athletics Sport Science (2024)				
reaction time	0.151	interval		1.16	1.06	1.04	1.00	1.02	1.01	1.03	1.04	1.11		6 / 5	# 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)

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	Shandong Athletics Sport Science (2024)				
reaction time	0.178	interval		1.16	1.08	1.04	1.02	0.99	1.01	1.04	1.05	1.04		6 / 1	# 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)

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	Shandong Athletics Sport Science (2024)				
reaction time	0.182	interval		1.18	1.09	1.03	1.02	1.03	1.06	1.09	1.13	1.22		1 / 8	# 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)

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	Shandong Athletics Sport Science (2024)				
reaction time	0.169	interval		1.18	1.09	1.04	1.03	1.02	1.02	1.02	1.06	1.05		7 / 2	# 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)

date	31-Mar-24	time	2.17	3.30	4.40	5.45	6.46	7.52					7.52	Shandong Athletics Sport Science (2024)				
reaction time	0.224	interval		1.13	1.10	1.05	1.01	1.06						3 / 1	# 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)																		
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	Feher (2014) - Final report from the U18 & U20 Czech Republic national championships				
reaction time	0.184	interval		1.27	1.16	1.16	1.15	1.17	1.18	1.19	1.22	1.25		6 / 5	# 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)

date	28-Jun-14	time		3.46		5.72		7.94		10.20		12.50	12.50	Feher (2014) - Final report from the U18 & U20 Czech Republic national championships				
reaction time	0.148	interval				2.26		2.22		2.26		2.30		4 / 2	# of strides			
wind	-1.4 m/s	velocity		5.78		8.85		9.01		8.85		8.70	8.00					